

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                               | Catalog Nbr | Section | Class Nbr | Course Title                     | Component  | Units | Topics |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|----------------------------------|------------|-------|--------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0004        | 1060    | 26799     | INTRO COMPUTER PROGRAMMING-BASIC | Lecture    | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> MW <b>Time:</b> 09:30 - 10:45 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 36 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0004        | 1100    | 26800     | INTRO COMPUTER PROGRAMMING-BASIC | Lecture    | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> TuTh <b>Time:</b> 11:00 - 12:15 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 50 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)    |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0007        | 1010    | 26801     | INTRO TO COMPUTER PROGRAMMING    | Lecture    | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> MW <b>Time:</b> 16:30 - 17:45 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 50 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           |                                  |            |       |        |
| <b>Reserve Capacity:</b> 01-OCT-2019      SCI First-year students <b>Reserve Enrl Cap:</b> 10 <b>Reserve Enrl Tot:</b> 0<br>01-OCT-2019      First-Year A&S Students      13      0<br>09-NOV-2019      SCI First-year students      0      0                                                                                                                                                                                         |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0007        | 1015    | 26802     | INTRO TO COMPUTER PROGRAMMING    | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> Th <b>Time:</b> 12:00 - 12:50 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 28 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                               |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0007        | 1020    | 26803     | INTRO TO COMPUTER PROGRAMMING    | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05505 <b>Days:</b> Th <b>Time:</b> 10:00 - 10:50 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 28 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                               |             |         |           |                                  |            |       |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                                                             | Catalog Nbr | Section        | Class Nbr               | Course Title                  | Component         | Units              | Topics              |
|-----------------------------------------------------------------------------------------------------|-------------|----------------|-------------------------|-------------------------------|-------------------|--------------------|---------------------|
| CS                                                                                                  | 0007        | 1030           | 26804                   | INTRO TO COMPUTER PROGRAMMING | Lecture           | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square | Room:                   | 05502                         | Days:             | TuTh               | Time: 14:30 - 15:45 |
| Class Enrl Cap:                                                                                     |             | 50             | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0              | Class Min Enrl:         |                               | 0                 |                    |                     |
| Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                         |                               |                   |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                |                         |                               |                   |                    |                     |
| Reserve Capacity:                                                                                   |             | 01-OCT-2019    | SCI First-year students |                               | Reserve Enrl Cap: | 10                 | Reserve Enrl Tot:   |
|                                                                                                     |             | 01-OCT-2019    | First-Year A&S Students |                               |                   | 13                 | 0                   |
|                                                                                                     |             | 09-NOV-2019    | SCI First-year students |                               |                   | 0                  | 0                   |
| CS                                                                                                  | 0007        | 1050           | 26805                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square | Room:                   | 06110                         | Days:             | Tu                 | Time: 12:00 - 12:50 |
| Class Enrl Cap:                                                                                     |             | 28             | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0              | Class Min Enrl:         |                               | 0                 |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                |                         |                               |                   |                    |                     |
| CS                                                                                                  | 0007        | 1060           | 26806                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square | Room:                   | 06110                         | Days:             | W                  | Time: 13:00 - 13:50 |
| Class Enrl Cap:                                                                                     |             | 28             | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0              | Class Min Enrl:         |                               | 0                 |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                |                         |                               |                   |                    |                     |
| CS                                                                                                  | 0007        | 1120           | 26807                   | INTRO TO COMPUTER PROGRAMMING | Lecture           | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square | Room:                   | 05502                         | Days:             | TuTh               | Time: 09:30 - 10:45 |
| Class Enrl Cap:                                                                                     |             | 50             | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0              | Class Min Enrl:         |                               | 0                 |                    |                     |
| Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                         |                               |                   |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                |                         |                               |                   |                    |                     |
| Reserve Capacity:                                                                                   |             | 01-OCT-2019    | SCI First-year students |                               | Reserve Enrl Cap: | 10                 | Reserve Enrl Tot:   |
|                                                                                                     |             | 01-OCT-2019    | First-Year A&S Students |                               |                   | 13                 | 0                   |
|                                                                                                     |             | 09-NOV-2019    | SCI First-year students |                               |                   | 0                  | 0                   |
| CS                                                                                                  | 0007        | 1130           | 26808                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square | Room:                   | 06110                         | Days:             | Th                 | Time: 15:00 - 15:50 |
| Class Enrl Cap:                                                                                     |             | 28             | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0              | Class Min Enrl:         |                               | 0                 |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                |                         |                               |                   |                    |                     |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject               | Catalog Nbr | Section                                                                                 | Class Nbr               | Course Title                  | Component         | Units              | Topics              |
|-----------------------|-------------|-----------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------|--------------------|---------------------|
| CS                    | 0007        | 1140                                                                                    | 26809                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                                                                          | Room:                   | 05505                         | Days:             | F                  | Time: 09:00 - 09:50 |
| Class Enrl Cap:       |             | 28                                                                                      | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                                          |                         |                               |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                                                                                       |                         |                               |                   |                    |                     |
| CS                    | 0007        | 1200                                                                                    | 26810                   | INTRO TO COMPUTER PROGRAMMING | Lecture           | 3                  |                     |
| Bldg:                 |             | Sennott Square                                                                          | Room:                   | 05502                         | Days:             | TuTh               | Time: 13:00 - 14:15 |
| Class Enrl Cap:       |             | 50                                                                                      | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Attributes:           |             | DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                         |                               |                   |                    | Class Wait Tot: 0   |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                                          |                         |                               |                   |                    | Class Min Enrl: 0   |
| Reserve Capacity:     |             | 01-OCT-2019                                                                             | SCI First-year students |                               | Reserve Enrl Cap: | 10                 | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                                                                             | First-Year A&S Students |                               |                   | 13                 | 0                   |
|                       |             | 09-NOV-2019                                                                             | SCI First-year students |                               |                   | 0                  | 0                   |
| CS                    | 0007        | 1205                                                                                    | 26811                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                                                                          | Room:                   | 06110                         | Days:             | Tu                 | Time: 15:00 - 15:50 |
| Class Enrl Cap:       |             | 28                                                                                      | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                                          |                         |                               |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                                                                                       |                         |                               |                   |                    |                     |
| CS                    | 0007        | 1210                                                                                    | 26812                   | INTRO TO COMPUTER PROGRAMMING | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                                                                          | Room:                   | 06110                         | Days:             | Th                 | Time: 10:00 - 10:50 |
| Class Enrl Cap:       |             | 28                                                                                      | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                                          |                         |                               |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                                                                                       |                         |                               |                   |                    |                     |
| CS                    | 0010        | 1010                                                                                    | 31296                   | INTRO CMPTNG FOR SYMS ENGIN   | Lecture           | 4                  |                     |
| Bldg:                 |             | Langley Hall                                                                            | Room:                   | 0A221                         | Days:             | TuTh               | Time: 14:30 - 15:45 |
| Class Enrl Cap:       |             | 25                                                                                      | Class Enrl Tot:         |                               | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                                          |                         |                               |                   |                    | Class Wait Tot: 0   |
| Combined Section ID:  |             | 0996(CS0010/0011/0012) - CS 0011(#31297), CS 0012(#31300)                               |                         |                               |                   |                    | Class Min Enrl: 0   |
| Reserve Capacity:     |             | 01-OCT-2019                                                                             | SCI First-year students |                               | Reserve Enrl Cap: | 7                  | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                                                                             | First-Year A&S Students |                               |                   | 8                  | 0                   |
|                       |             | 09-NOV-2019                                                                             | SCI First-year students |                               |                   | 0                  | 0                   |

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Catalog Nbr | Section | Class Nbr | Course Title                 | Component  | Units | Topics |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|------------------------------|------------|-------|--------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0010        | 1020    | 31303     | INTRO CMPTNG FOR SYMS ENGIN  | Laboratory | 4     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00405 <b>Days:</b> F <b>Time:</b> 09:00 - 10:50 <b>Instructor:</b> Staff                                                                                                                                                                                                                                                                                                                                                                                                                              |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 25 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                       |             |         |           |                              |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0010        | 1025    | 32161     | INTRO CMPTNG FOR SYMS ENGIN  | Lecture    | 4     |        |
| <b>Bldg:</b> Public Health-Crabt <b>Room:</b> 0A115 <b>Days:</b> MW <b>Time:</b> 13:00 - 14:15 <b>Instructor:</b> Farnan,Nicholas Leo                                                                                                                                                                                                                                                                                                                                                                                                               |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 25 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0739(CS/0010/0011/0012) - CS 0011(#32158), CS 0012(#32162)                                                                                                                                                                                                                                                             |             |         |           |                              |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0010        | 1030    | 32155     | INTRO CMPTNG FOR SYMS ENGIN  | Laboratory | 4     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00405 <b>Days:</b> Th <b>Time:</b> 09:00 - 10:50 <b>Instructor:</b> Staff                                                                                                                                                                                                                                                                                                                                                                                                                             |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 25 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0                                                                                                                                                                                                                                                                                                                                                                                                                      |             |         |           |                              |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0011        | 1010    | 31297     | INT TO CMPTNG FOR SCIENTISTS | Lecture    | 4     |        |
| <b>Bldg:</b> Langley Hall <b>Room:</b> 0A221 <b>Days:</b> TuTh <b>Time:</b> 14:30 - 15:45 <b>Instructor:</b> Farnan,Nicholas Leo                                                                                                                                                                                                                                                                                                                                                                                                                    |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 37 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0996(CS0010/0011/0012) - CS 0010(#31296), CS 0012(#31300)<br><b>Reserve Capacity:</b> 01-OCT-2019      Pre- CS/CMPBIO/BINF & -BS, -MN <b>Reserve Enrl Cap:</b> 7 <b>Reserve Enrl Tot:</b> 0<br>01-OCT-2019      First-Year A&S Students      8      0<br>09-NOV-2019      Pre- CS/CMPBIO/BINF & -BS, -MN      0      0 |             |         |           |                              |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0011        | 1015    | 32165     | INT TO CMPTNG FOR SCIENTISTS | Laboratory | 4     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00403 <b>Days:</b> F <b>Time:</b> 09:00 - 10:50 <b>Instructor:</b> Staff                                                                                                                                                                                                                                                                                                                                                                                                                              |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 21 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                       |             |         |           |                              |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0011        | 1020    | 31304     | INT TO CMPTNG FOR SCIENTISTS | Laboratory | 4     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00405 <b>Days:</b> F <b>Time:</b> 11:00 - 12:50 <b>Instructor:</b> Staff                                                                                                                                                                                                                                                                                                                                                                                                                              |             |         |           |                              |            |       |        |
| <b>Class Enrl Cap:</b> 21 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                       |             |         |           |                              |            |       |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                     | Catalog Nbr | Section | Class Nbr | Course Title                                                                           | Component                  | Units                      | Topics                                 |
|-------------------------------------------------------------|-------------|---------|-----------|----------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------------------|
| CS                                                          | 0011        | 1025    | 32158     | INT TO CMPTNG FOR SCIENTISTS                                                           | Lecture                    | 4                          |                                        |
| <b>Bldg:</b> Public Health-Crabt                            |             |         |           | <b>Room:</b> 0A115                                                                     | <b>Days:</b> MW            | <b>Time:</b> 13:00 - 14:15 | <b>Instructor:</b> Farnan,Nicholas Leo |
| <b>Class Enrl Cap:</b> 37                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0739(CS/0010/0011/0012) - CS 0010(#32161), CS 0012(#32162) |                            |                            |                                        |
| CS                                                          | 0011        | 1030    | 32156     | INT TO CMPTNG FOR SCIENTISTS                                                           | Laboratory                 | 4                          |                                        |
| <b>Bldg:</b> Information Science                            |             |         |           | <b>Room:</b> 00405                                                                     | <b>Days:</b> Th            | <b>Time:</b> 13:00 - 14:50 | <b>Instructor:</b> Staff               |
| <b>Class Enrl Cap:</b> 21                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           |                                                                                        |                            |                            |                                        |
| CS                                                          | 0011        | 1035    | 32157     | INT TO CMPTNG FOR SCIENTISTS                                                           | Laboratory                 | 4                          |                                        |
| <b>Bldg:</b> Information Science                            |             |         |           | <b>Room:</b> 00405                                                                     | <b>Days:</b> Th            | <b>Time:</b> 15:00 - 16:50 | <b>Instructor:</b> Staff               |
| <b>Class Enrl Cap:</b> 21                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           |                                                                                        |                            |                            |                                        |
| CS                                                          | 0012        | 1010    | 31300     | INT CMPTNG FOR THE HUMANITIES                                                          | Lecture                    | 4                          |                                        |
| <b>Bldg:</b> Langley Hall                                   |             |         |           | <b>Room:</b> 0A221                                                                     | <b>Days:</b> TuTh          | <b>Time:</b> 14:30 - 15:45 | <b>Instructor:</b> Farnan,Nicholas Leo |
| <b>Class Enrl Cap:</b> 25                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0996(CS0010/0011/0012) - CS 0010(#31296), CS 0011(#31297)  |                            |                            |                                        |
| <b>Reserve Capacity:</b>                                    |             |         |           | 01-OCT-2019 SCI First-year students                                                    | <b>Reserve Enrl Cap:</b> 7 | <b>Reserve Enrl Tot:</b> 0 | 0                                      |
|                                                             |             |         |           | 01-OCT-2019 First-Year A&S Students                                                    | 8                          |                            | 0                                      |
|                                                             |             |         |           | 09-NOV-2019 SCI First-year students                                                    | 0                          |                            | 0                                      |
| CS                                                          | 0012        | 1015    | 32164     | INT CMPTNG FOR THE HUMANITIES                                                          | Laboratory                 | 4                          |                                        |
| <b>Bldg:</b> Information Science                            |             |         |           | <b>Room:</b> 00405                                                                     | <b>Days:</b> F             | <b>Time:</b> 13:00 - 14:50 | <b>Instructor:</b> Staff               |
| <b>Class Enrl Cap:</b> 25                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           |                                                                                        |                            |                            |                                        |
| CS                                                          | 0012        | 1025    | 32162     | INT CMPTNG FOR THE HUMANITIES                                                          | Lecture                    | 4                          |                                        |
| <b>Bldg:</b> Public Health-Crabt                            |             |         |           | <b>Room:</b> 0A115                                                                     | <b>Days:</b> MW            | <b>Time:</b> 13:00 - 14:15 | <b>Instructor:</b> Farnan,Nicholas Leo |
| <b>Class Enrl Cap:</b> 25                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 20  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0               |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0739(CS/0010/0011/0012) - CS 0011(#32158), CS 0010(#32161) |                            |                            |                                        |

|                                                                      |      |                          |                                |                                            |                          |                            |
|----------------------------------------------------------------------|------|--------------------------|--------------------------------|--------------------------------------------|--------------------------|----------------------------|
| CS                                                                   | 0012 | 1030                     | 32163                          | INT CMPTNG FOR THE HUMANITIES Laboratory   | 4                        |                            |
| <b>Bldg:</b> Information Science                                     |      |                          |                                |                                            |                          | <b>Room:</b> 00403         |
| <b>Days:</b> F                                                       |      |                          |                                |                                            |                          | <b>Time:</b> 11:00 - 12:50 |
| <b>Instructor:</b> Staff                                             |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 25                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |
| CS                                                                   | 0134 | 1020                     | 26313                          | WEB SITE DESIGN & DEVELOPMENT Lecture      | 3                        |                            |
| <b>Bldg:</b> Sennott Square                                          |      |                          |                                |                                            |                          | <b>Room:</b> 06110         |
| <b>Days:</b> Th                                                      |      |                          |                                |                                            |                          | <b>Time:</b> 18:00 - 20:30 |
| <b>Instructor:</b> Staff                                             |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 40                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |
| CS                                                                   | 0334 | 1020                     | 26317                          | INTM WEB DESIGN & DEVELOPMENT Lecture      | 3                        |                            |
| <b>Bldg:</b> Sennott Square                                          |      |                          |                                |                                            |                          | <b>Room:</b> 05502         |
| <b>Days:</b> MW                                                      |      |                          |                                |                                            |                          | <b>Time:</b> 13:00 - 14:15 |
| <b>Instructor:</b> Staff                                             |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 40                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |
| CS                                                                   | 0401 | 1140                     | 26623                          | INTRMEDT PROGRAMMING USING JAVA Lecture    | 4                        |                            |
| <b>Bldg:</b> Benedum Hall                                            |      |                          |                                |                                            |                          | <b>Room:</b> 00G31         |
| <b>Days:</b> TuTh                                                    |      |                          |                                |                                            |                          | <b>Time:</b> 13:00 - 14:15 |
| <b>Instructor:</b> Hoffman, Timothy L                                |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 60                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                |                                            |                          |                            |
| <b>Reserve Capacity:</b>                                             |      | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30                | <b>Reserve Enrl Tot:</b> | 0                          |
|                                                                      |      | 01-OCT-2019              | First-Year A&S Students        | 6                                          |                          | 0                          |
|                                                                      |      | 01-OCT-2019              | SCI First-year students        | 12                                         |                          | 0                          |
|                                                                      |      | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                                          |                          | 0                          |
| CS                                                                   | 0401 | 1145                     | 26624                          | INTRMEDT PROGRAMMING USING JAVA Laboratory | 4                        |                            |
| <b>Bldg:</b> Sennott Square                                          |      |                          |                                |                                            |                          | <b>Room:</b> 06110         |
| <b>Days:</b> M                                                       |      |                          |                                |                                            |                          | <b>Time:</b> 15:00 - 16:50 |
| <b>Instructor:</b>                                                   |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 33                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |
| CS                                                                   | 0401 | 1150                     | 26625                          | INTRMEDT PROGRAMMING USING JAVA Laboratory | 4                        |                            |
| <b>Bldg:</b> Sennott Square                                          |      |                          |                                |                                            |                          | <b>Room:</b> 06110         |
| <b>Days:</b> F                                                       |      |                          |                                |                                            |                          | <b>Time:</b> 09:00 - 10:50 |
| <b>Instructor:</b>                                                   |      |                          |                                |                                            |                          |                            |
| <b>Class Enrl Cap:</b> 33                                            |      | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20                  |                          | <b>Class Wait Tot:</b> 0   |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |      |                          |                                | <b>Class Min Enrl:</b> 0                   |                          |                            |

| Subject                                                              | Catalog Nbr | Section                  | Class Nbr                      | Course Title                    | Component                                  | Units                    | Topics |
|----------------------------------------------------------------------|-------------|--------------------------|--------------------------------|---------------------------------|--------------------------------------------|--------------------------|--------|
| CS                                                                   | 0401        | 1600                     | 31238                          | INTRMEDT PROGRAMMING USING JAVA | Lecture                                    | 4                        |        |
| <b>Bldg:</b> Information Science                                     |             | <b>Room:</b> 00403       | <b>Days:</b> MW                | <b>Time:</b> 08:00 - 09:15      | <b>Instructor:</b> Hoffman, Timothy L      |                          |        |
| <b>Class Enrl Cap:</b> 60                                            |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0                   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |                                |                                 |                                            |                          |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |             |                          |                                |                                 |                                            |                          |        |
| <b>Reserve Capacity:</b>                                             |             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30     | <b>Reserve Enrl Tot:</b>                   | 0                        |        |
|                                                                      |             | 01-OCT-2019              | SCI First-year students        | 12                              |                                            | 0                        |        |
|                                                                      |             | 01-OCT-2019              | First-Year A&S Students        | 6                               |                                            | 0                        |        |
|                                                                      |             | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                               |                                            | 0                        |        |
| CS                                                                   | 0401        | 1610                     | 31239                          | INTRMEDT PROGRAMMING USING JAVA | Laboratory                                 | 4                        |        |
| <b>Bldg:</b> Sennott Square                                          |             | <b>Room:</b> 06110       | <b>Days:</b> Tu                | <b>Time:</b> 10:00 - 11:50      | <b>Instructor:</b> Staff                   |                          |        |
| <b>Class Enrl Cap:</b> 33                                            |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0                   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |                                |                                 |                                            |                          |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |             |                          |                                |                                 |                                            |                          |        |
| CS                                                                   | 0401        | 1620                     | 31240                          | INTRMEDT PROGRAMMING USING JAVA | Laboratory                                 | 4                        |        |
| <b>Bldg:</b> Sennott Square                                          |             | <b>Room:</b> 06110       | <b>Days:</b> Tu                | <b>Time:</b> 13:00 - 14:50      | <b>Instructor:</b> Staff                   |                          |        |
| <b>Class Enrl Cap:</b> 33                                            |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0                   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |                                |                                 |                                            |                          |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |             |                          |                                |                                 |                                            |                          |        |
| CS                                                                   | 0441        | 1130                     | 26318                          | DISCRETE STRUCTURES FOR CS      | Lecture                                    | 3                        |        |
| <b>Bldg:</b> Wesley W Posvar Hal                                     |             | <b>Room:</b> 05130       | <b>Days:</b> TuTh              | <b>Time:</b> 11:00 - 12:15      | <b>Instructor:</b> Garrison III, William C |                          |        |
| <b>Class Enrl Cap:</b> 70                                            |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0                   | <b>Class Min Enrl:</b> 0 |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |             |                          |                                |                                 |                                            |                          |        |
| <b>Reserve Capacity:</b>                                             |             | 01-OCT-2019              | Freshmen and Sophomores        | <b>Reserve Enrl Cap:</b> 35     | <b>Reserve Enrl Tot:</b>                   | 0                        |        |
|                                                                      |             | 01-OCT-2019              | First-Year A&S Students        | 7                               |                                            | 0                        |        |
|                                                                      |             | 01-OCT-2019              | SCI First-year students        | 14                              |                                            | 0                        |        |
|                                                                      |             | 09-NOV-2019              | Freshmen and Sophomores        | 0                               |                                            | 0                        |        |
| CS                                                                   | 0441        | 1140                     | 26324                          | DISCRETE STRUCTURES FOR CS      | Recitation                                 | 3                        |        |
| <b>Bldg:</b> Sennott Square                                          |             | <b>Room:</b> 05313       | <b>Days:</b> F                 | <b>Time:</b> 11:00 - 11:50      | <b>Instructor:</b>                         |                          |        |
| <b>Class Enrl Cap:</b> 38                                            |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0                   | <b>Class Min Enrl:</b> 0 |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)          |             |                          |                                |                                 |                                            |                          |        |

| <u>Subject</u>                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u>Catalog Nbr</u> | <u>Section</u> | <u>Class Nbr</u> | <u>Course Title</u>        | <u>Component</u> | <u>Units</u> | <u>Topics</u> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------|----------------------------|------------------|--------------|---------------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1145           | 26325            | DISCRETE STRUCTURES FOR CS | Recitation       | 3            |               |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> M <b>Time:</b> 11:00 - 11:50<br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) <b>Class Min Enrl:</b> 0                                                                                                                                   |                    |                |                  |                            |                  |              |               |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1160           | 26329            | DISCRETE STRUCTURES FOR CS | Lecture          | 3            |               |
| <b>Bldg:</b> Lawrence Hall <b>Room:</b> 00104 <b>Days:</b> MW <b>Time:</b> 16:30 - 17:45<br><b>Class Enrl Cap:</b> 70 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) <b>Class Min Enrl:</b> 0<br><b>Reserve Capacity:</b> <div style="float:right; margin-top:-1em;"> <b>Reserve Enrl Tot:</b>    0           </div>            |                    |                |                  |                            |                  |              |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1170           | 26334            | DISCRETE STRUCTURES FOR CS | Recitation       | 3            |               |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> F <b>Time:</b> 12:00 - 12:50<br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) <b>Class Min Enrl:</b> 0                                                                                                                                   |                    |                |                  |                            |                  |              |               |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1175           | 26335            | DISCRETE STRUCTURES FOR CS | Recitation       | 3            |               |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> M <b>Time:</b> 12:00 - 12:50<br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) <b>Class Min Enrl:</b> 0                                                                                                                                   |                    |                |                  |                            |                  |              |               |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1200           | 26340            | DISCRETE STRUCTURES FOR CS | Lecture          | 3            |               |
| <b>Bldg:</b> Information Science Room: 00403 <b>Days:</b> TuTh <b>Time:</b> 16:00 - 17:15 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 70 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Reserve Capacity:</b> <div style="float:right; margin-top:-1em;"> <b>Reserve Enrl Tot:</b>    0           </div> |                    |                |                  |                            |                  |              |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                |                  |                            |                  |              | 0             |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0441               | 1205           | 26342            | DISCRETE STRUCTURES FOR CS | Recitation       | 3            |               |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> F <b>Time:</b> 15:00 - 15:50<br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) <b>Class Min Enrl:</b> 0                                                                                                                                   |                    |                |                  |                            |                  |              |               |

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Catalog Nbr                    | Section                     | Class Nbr                | Course Title               | Component  | Units | Topics |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------|--------------------------|----------------------------|------------|-------|--------|-------------|--------------------------------|-----------------------------|--------------------------|---|-------------|-------------------------|----|--|---|-------------|-------------------------|----|--|---|-------------|--------------------------------|---|--|---|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1210                        | 26346                    | DISCRETE STRUCTURES FOR CS | Recitation | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> Th <b>Time:</b> 18:00 - 18:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                             |                          |                            |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1220                        | 28088                    | DISCRETE STRUCTURES FOR CS | Lecture    | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Lawrence Hall <b>Room:</b> 00104 <b>Days:</b> TuTh <b>Time:</b> 14:30 - 15:45 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 70 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Reserve Capacity:</b> <table border="0" style="width: 100%;"> <tr> <td>01-OCT-2019</td> <td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td> <td><b>Reserve Enrl Cap:</b> 35</td> <td><b>Reserve Enrl Tot:</b></td> <td>0</td> </tr> <tr> <td>01-OCT-2019</td> <td>First-Year A&amp;S Students</td> <td>7</td> <td></td> <td>0</td> </tr> <tr> <td>01-OCT-2019</td> <td>SCI First-year students</td> <td>14</td> <td></td> <td>0</td> </tr> <tr> <td>09-NOV-2019</td> <td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td> <td>0</td> <td></td> <td>0</td> </tr> </table>           |                                |                             |                          |                            |            |       |        | 01-OCT-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 | <b>Reserve Enrl Tot:</b> | 0 | 01-OCT-2019 | First-Year A&S Students | 7  |  | 0 | 01-OCT-2019 | SCI First-year students | 14 |  | 0 | 09-NOV-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | 0 |  | 0 |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 | <b>Reserve Enrl Tot:</b> | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | First-Year A&S Students        | 7                           |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SCI First-year students        | 14                          |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 09-NOV-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1225                        | 28089                    | DISCRETE STRUCTURES FOR CS | Recitation | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> F <b>Time:</b> 14:00 - 14:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                             |                          |                            |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1235                        | 28091                    | DISCRETE STRUCTURES FOR CS | Recitation | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> F <b>Time:</b> 10:00 - 10:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                             |                          |                            |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1240                        | 31242                    | DISCRETE STRUCTURES FOR CS | Lecture    | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Wesley W Posvar Hal <b>Room:</b> 01501 <b>Days:</b> MW <b>Time:</b> 15:00 - 16:15 <b>Instructor:</b> Staff<br><b>Class Enrl Cap:</b> 70 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Reserve Capacity:</b> <table border="0" style="width: 100%;"> <tr> <td>01-OCT-2019</td> <td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td> <td><b>Reserve Enrl Cap:</b> 35</td> <td><b>Reserve Enrl Tot:</b></td> <td>0</td> </tr> <tr> <td>01-OCT-2019</td> <td>SCI First-year students</td> <td>14</td> <td></td> <td>0</td> </tr> <tr> <td>01-OCT-2019</td> <td>First-Year A&amp;S Students</td> <td>7</td> <td></td> <td>0</td> </tr> <tr> <td>09-NOV-2019</td> <td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td> <td>0</td> <td></td> <td>0</td> </tr> </table> |                                |                             |                          |                            |            |       |        | 01-OCT-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 | <b>Reserve Enrl Tot:</b> | 0 | 01-OCT-2019 | SCI First-year students | 14 |  | 0 | 01-OCT-2019 | First-Year A&S Students | 7  |  | 0 | 09-NOV-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | 0 |  | 0 |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 | <b>Reserve Enrl Tot:</b> | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SCI First-year students        | 14                          |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | First-Year A&S Students        | 7                           |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 09-NOV-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                          | 0                          |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0441                           | 1250                        | 31243                    | DISCRETE STRUCTURES FOR CS | Recitation | 3     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> Th <b>Time:</b> 11:00 - 11:50 <b>Instructor:</b> Staff<br><b>Class Enrl Cap:</b> 38 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                             |                          |                            |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                     | Catalog Nbr | Section                  | Class Nbr                      | Course Title                | Component                  | Units                                        | Topics |
|-------------------------------------------------------------|-------------|--------------------------|--------------------------------|-----------------------------|----------------------------|----------------------------------------------|--------|
| CS                                                          | 0441        | 1260                     | 31244                          | DISCRETE STRUCTURES FOR CS  | Recitation                 | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05313       |                                | <b>Days:</b> Th             | <b>Time:</b> 12:00 - 12:50 | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                          | 0445        | 1100                     | 26681                          | DATA STRUCTURES             | Lecture                    | 3                                            |        |
| <b>Bldg:</b> Lawrence Hall                                  |             | <b>Room:</b> 00104       |                                | <b>Days:</b> TuTh           | <b>Time:</b> 13:00 - 14:15 | <b>Instructor:</b> Mohamed Khattab, Sherif E |        |
| <b>Class Enrl Cap:</b> 70                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0                     |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 |                            | <b>Reserve Enrl Tot:</b> 0                   |        |
|                                                             |             | 01-OCT-2019              | SCI First-year students        | 14                          |                            | 0                                            |        |
|                                                             |             | 01-OCT-2019              | First-Year A&S Students        | 7                           |                            | 0                                            |        |
|                                                             |             | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                            | 0                                            |        |
| CS                                                          | 0445        | 1120                     | 26683                          | DATA STRUCTURES             | Recitation                 | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                                | <b>Days:</b> F              | <b>Time:</b> 11:00 - 11:50 | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                          | 0445        | 1130                     | 26684                          | DATA STRUCTURES             | Recitation                 | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                                | <b>Days:</b> F              | <b>Time:</b> 15:00 - 15:50 | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                          | 0445        | 1200                     | 26369                          | DATA STRUCTURES             | Lecture                    | 3                                            |        |
| <b>Bldg:</b> Benedum Hall                                   |             | <b>Room:</b> 00G30       |                                | <b>Days:</b> TuTh           | <b>Time:</b> 13:00 - 14:15 | <b>Instructor:</b> Ramirez, John C           |        |
| <b>Class Enrl Cap:</b> 70                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0                     |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 |                            | <b>Reserve Enrl Tot:</b> 0                   |        |
|                                                             |             | 01-OCT-2019              | SCI First-year students        | 14                          |                            | 0                                            |        |
|                                                             |             | 01-OCT-2019              | First-Year A&S Students        | 7                           |                            | 0                                            |        |
|                                                             |             | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                            | 0                                            |        |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                     | Catalog Nbr | Section                  | Class Nbr                      | Course Title                | Component                  | Units                      | Topics                             |
|-------------------------------------------------------------|-------------|--------------------------|--------------------------------|-----------------------------|----------------------------|----------------------------|------------------------------------|
| CS                                                          | 0445        | 1210                     | 26373                          | DATA STRUCTURES             | Recitation                 | 3                          |                                    |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 06110       |                                | <b>Days:</b> M              | <b>Time:</b> 17:00 - 17:50 |                            | <b>Instructor:</b> Staff           |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0   |                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0   |                                    |
| CS                                                          | 0445        | 1220                     | 26375                          | DATA STRUCTURES             | Recitation                 | 3                          |                                    |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                                | <b>Days:</b> M              | <b>Time:</b> 15:00 - 15:50 |                            | <b>Instructor:</b> Staff           |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0   |                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0   |                                    |
| CS                                                          | 0445        | 1300                     | 26347                          | DATA STRUCTURES             | Lecture                    | 3                          |                                    |
| <b>Bldg:</b> Information Science                            |             | <b>Room:</b> 00403       |                                | <b>Days:</b> TuTh           | <b>Time:</b> 09:30 - 10:45 |                            | <b>Instructor:</b> Ramirez, John C |
| <b>Class Enrl Cap:</b> 70                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0   |                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0   |                                    |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 35 |                            | <b>Reserve Enrl Tot:</b> 0 |                                    |
|                                                             |             | 01-OCT-2019              | First-Year A&S Students        | 14                          |                            | 0                          |                                    |
|                                                             |             | 01-OCT-2019              | SCI First-year students        | 7                           |                            | 0                          |                                    |
|                                                             |             | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                            | 0                          |                                    |
| CS                                                          | 0445        | 1305                     | 26348                          | DATA STRUCTURES             | Recitation                 | 3                          |                                    |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 06110       |                                | <b>Days:</b> W              | <b>Time:</b> 16:00 - 16:50 |                            | <b>Instructor:</b> Staff           |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0   |                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0   |                                    |
| CS                                                          | 0445        | 1320                     | 26363                          | DATA STRUCTURES             | Recitation                 | 3                          |                                    |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 06110       |                                | <b>Days:</b> W              | <b>Time:</b> 17:00 - 17:50 |                            | <b>Instructor:</b> Singh, Ravneet  |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   |                            | <b>Class Wait Tot:</b> 0   |                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                                |                             |                            | <b>Class Min Enrl:</b> 0   |                                    |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                    | Catalog Nbr | Section                        | Class Nbr                      | Course Title        | Component            | Units                                | Topics |
|----------------------------|-------------|--------------------------------|--------------------------------|---------------------|----------------------|--------------------------------------|--------|
| CS                         | 0445        | 1400                           | 26796                          | DATA STRUCTURES     | Lecture              | 3                                    |        |
| Bldg: Lawrence Hall        |             | Room: 00104                    | Days: MW                       | Time: 15:00 - 16:15 |                      | Instructor: Hoffman,Timothy L        |        |
| Class Enrl Cap: 70         |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20  |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:      |             | PeopleSoft - Scheduled (PS)(1) |                                |                     |                      |                                      |        |
| Reserve Capacity:          |             | 01-OCT-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                     | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                            |             | 01-OCT-2019                    | SCI First-year students        |                     | 14                   |                                      | 0      |
|                            |             | 01-OCT-2019                    | First-Year A&S Students        |                     | 7                    |                                      | 0      |
|                            |             | 09-NOV-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                     | 0                    |                                      | 0      |
| CS                         | 0445        | 1405                           | 26797                          | DATA STRUCTURES     | Recitation           | 3                                    |        |
| Bldg: Sennott Square       |             | Room: 06110                    | Days: Th                       | Time: 12:00 - 12:50 |                      | Instructor: Hoffman,Timothy L        |        |
| Class Enrl Cap: 38         |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20  |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:      |             | PeopleSoft - Scheduled (PS)(1) |                                |                     |                      |                                      |        |
| CS                         | 0445        | 1420                           | 27015                          | DATA STRUCTURES     | Recitation           | 3                                    |        |
| Bldg: Sennott Square       |             | Room: 06110                    | Days: Th                       | Time: 14:00 - 14:50 |                      | Instructor: Hoffman,Timothy L        |        |
| Class Enrl Cap: 38         |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20  |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:      |             | PeopleSoft - Scheduled (PS)(1) |                                |                     |                      |                                      |        |
| CS                         | 0445        | 1600                           | 31245                          | DATA STRUCTURES     | Lecture              | 3                                    |        |
| Bldg: Wesley W Posvar Hall |             | Room: 05130                    | Days: MW                       | Time: 08:00 - 09:15 |                      | Instructor: Mohamed Khattab,Sherif E |        |
| Class Enrl Cap: 70         |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20  |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:      |             | PeopleSoft - Scheduled (PS)(1) |                                |                     |                      |                                      |        |
| Reserve Capacity:          |             | 01-OCT-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                     | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                            |             | 01-OCT-2019                    | SCI First-year students        |                     | 14                   |                                      | 0      |
|                            |             | 01-OCT-2019                    | First-Year A&S Students        |                     | 7                    |                                      | 0      |
|                            |             | 09-NOV-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                     | 0                    |                                      | 0      |
| CS                         | 0445        | 1610                           | 31246                          | DATA STRUCTURES     | Recitation           | 3                                    |        |
| Bldg: Sennott Square       |             | Room: 06110                    | Days: Th                       | Time: 16:00 - 16:50 |                      | Instructor: Staff                    |        |
| Class Enrl Cap: 38         |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20  |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:      |             | PeopleSoft - Scheduled (PS)(1) |                                |                     |                      |                                      |        |

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| Subject                                                     | Catalog Nbr | Section                  | Class Nbr                     | Course Title                             | Component                  | Units                      | Topics |
|-------------------------------------------------------------|-------------|--------------------------|-------------------------------|------------------------------------------|----------------------------|----------------------------|--------|
| CS                                                          | 0445        | 1620                     | 31247                         | DATA STRUCTURES                          | Recitation                 | 3                          |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 06110       |                               | <b>Days:</b> Th                          | <b>Time:</b> 17:00 - 17:50 | <b>Instructor:</b> Staff   |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |
| CS                                                          | 0447        | 1030                     | 26619                         | COMPUTR ORGZTN & ASSMBLY LANG Lecture    |                            | 3                          |        |
| <b>Bldg:</b> Lawrence Hall                                  |             | <b>Room:</b> 00107       |                               | <b>Days:</b> MW                          | <b>Time:</b> 16:30 - 17:45 | <b>Instructor:</b>         |        |
| <b>Class Enrl Cap:</b> 70                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019              | Pre-CS& or MN or SCI 1st Year | <b>Reserve Enrl Cap:</b> 7               |                            | <b>Reserve Enrl Tot:</b> 0 |        |
|                                                             |             | 09-NOV-2019              | Pre-CS& or MN or SCI 1st Year | 0                                        |                            | 0                          |        |
| CS                                                          | 0447        | 1035                     | 26620                         | COMPUTR ORGZTN & ASSMBLY LANG Recitation |                            | 3                          |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                               | <b>Days:</b> W                           | <b>Time:</b> 11:00 - 11:50 | <b>Instructor:</b> Staff   |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |
| CS                                                          | 0447        | 1040                     | 26622                         | COMPUTR ORGZTN & ASSMBLY LANG Recitation |                            | 3                          |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                               | <b>Days:</b> W                           | <b>Time:</b> 12:00 - 12:50 | <b>Instructor:</b> Staff   |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |
| CS                                                          | 0447        | 1070                     | 26775                         | COMPUTR ORGZTN & ASSMBLY LANG Lecture    |                            | 3                          |        |
| <b>Bldg:</b> Cathedral of Learning                          |             | <b>Room:</b> 000G8       |                               | <b>Days:</b> MW                          | <b>Time:</b> 11:00 - 12:15 | <b>Instructor:</b> Staff   |        |
| <b>Class Enrl Cap:</b> 70                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019              | Pre-CS& or MN or SCI 1st Year | <b>Reserve Enrl Cap:</b> 7               |                            | <b>Reserve Enrl Tot:</b> 0 |        |
|                                                             |             | 09-NOV-2019              | Pre-CS& or MN or SCI 1st Year | 0                                        |                            | 0                          |        |
| CS                                                          | 0447        | 1075                     | 26776                         | COMPUTR ORGZTN & ASSMBLY LANG Recitation |                            | 3                          |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05502       |                               | <b>Days:</b> Tu                          | <b>Time:</b> 11:00 - 11:50 | <b>Instructor:</b>         |        |
| <b>Class Enrl Cap:</b> 38                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20                |                            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                          |                               |                                          |                            | <b>Class Min Enrl:</b> 0   |        |

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| Subject                                                               | Catalog Nbr | Section                  | Class Nbr                     | Course Title                  | Component  | Units                                        | Topics |
|-----------------------------------------------------------------------|-------------|--------------------------|-------------------------------|-------------------------------|------------|----------------------------------------------|--------|
| CS                                                                    | 0447        | 1080                     | 26777                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 05502       | <b>Days:</b> Tu               | <b>Time:</b> 08:00 - 08:50    |            | <b>Instructor:</b> Raoufi, Mehrnoosh         |        |
| <b>Class Enrl Cap:</b> 38                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                                    | 0447        | 1100                     | 31251                         | COMPUTR ORGZTN & ASSMBLY LANG | Lecture    | 3                                            |        |
| <b>Bldg:</b> Wesley W Posvar Hall                                     |             | <b>Room:</b> 05130       | <b>Days:</b> TuTh             | <b>Time:</b> 09:30 - 10:45    |            | <b>Instructor:</b> Kosiyatrakul, Thumrongsak |        |
| <b>Class Enrl Cap:</b> 70                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| <b>Reserve Capacity:</b>                                              |             | 01-OCT-2019              | Pre-CS& or MN or SCI 1st Year | <b>Reserve Enrl Cap:</b> 7    |            | <b>Reserve Enrl Tot:</b> 0                   |        |
|                                                                       |             | 09-NOV-2019              | Pre-CS& or MN or SCI 1st Year | 0                             |            | 0                                            |        |
| CS                                                                    | 0447        | 1110                     | 31259                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 05502       | <b>Days:</b> F                | <b>Time:</b> 08:00 - 08:50    |            | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 38                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                                    | 0447        | 1120                     | 31269                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 05502       | <b>Days:</b> F                | <b>Time:</b> 09:00 - 09:50    |            | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 38                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| CS                                                                    | 0449        | 1030                     | 26745                         | INTRO TO SYSTEMS SOFTWARE     | Lecture    | 3                                            |        |
| <b>Bldg:</b> Frick Fine Arts Bui                                      |             | <b>Room:</b> 00125       | <b>Days:</b> TuTh             | <b>Time:</b> 13:00 - 14:15    |            | <b>Instructor:</b> Staff                     |        |
| <b>Class Enrl Cap:</b> 61                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| <b>Combined Section ID:</b> 0128(CS/0449/COE/0449) - COE 0449(#12959) |             |                          |                               |                               |            |                                              |        |
| <b>Reserve Capacity:</b>                                              |             | 01-OCT-2019              | Pre-CS& or MN or SCI 1st Year | <b>Reserve Enrl Cap:</b> 6    |            | <b>Reserve Enrl Tot:</b> 0                   |        |
|                                                                       |             | 09-NOV-2019              | Pre-CS& or MN or SCI 1st Year | 0                             |            | 0                                            |        |
| CS                                                                    | 0449        | 1050                     | 26746                         | INTRO TO SYSTEMS SOFTWARE     | Recitation | 3                                            |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 06110       | <b>Days:</b> F                | <b>Time:</b> 11:00 - 11:50    |            | <b>Instructor:</b>                           |        |
| <b>Class Enrl Cap:</b> 34                                             |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |            | <b>Class Wait Tot:</b> 0                     |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |                               |                               |            | <b>Class Min Enrl:</b> 0                     |        |
| <b>Combined Section ID:</b> 0130(CS/0449/COE/0449) - COE 0449(#12970) |             |                          |                               |                               |            |                                              |        |

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Catalog Nbr | Section | Class Nbr | Course Title              | Component  | Units | Topics |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|---------------------------|------------|-------|--------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0449        | 1080    | 26747     | INTRO TO SYSTEMS SOFTWARE | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> F <b>Time:</b> 15:00 - 15:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0129(CS/0449/COE/0449) - COE 0449(#12960)                                                                                                                                                                                                                                   |             |         |           |                           |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0449        | 1160    | 26764     | INTRO TO SYSTEMS SOFTWARE | Lecture    | 3     |        |
| <b>Bldg:</b> Cathedral of Learnin <b>Room:</b> 00324 <b>Days:</b> MW <b>Time:</b> 13:00 - 14:15 <b>Instructor:</b> Mohamed Khattab, Sherif E<br><b>Class Enrl Cap:</b> 61 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0613(CS/0449/COE/0449) - COE 0449(#17805)<br><b>Reserve Capacity:</b> 01-OCT-2019      Pre-CS& or MN or SCI 1st Year <b>Reserve Enrl Cap:</b> 6 <b>Reserve Enrl Tot:</b> 0<br>09-NOV-2019      Pre-CS& or MN or SCI 1st Year      0      0 |             |         |           |                           |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0449        | 1165    | 26765     | INTRO TO SYSTEMS SOFTWARE | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> Th <b>Time:</b> 09:00 - 09:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0614(CS/0449/COE/0449) - COE 0449(#17806)                                                                                                                                                                                                                                  |             |         |           |                           |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0449        | 1170    | 26766     | INTRO TO SYSTEMS SOFTWARE | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> Th <b>Time:</b> 08:00 - 08:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0120(CS/0449/COE/0449) - COE 0449(#17807)                                                                                                                                                                                                                                  |             |         |           |                           |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0449        | 1200    | 26790     | INTRO TO SYSTEMS SOFTWARE | Lecture    | 3     |        |
| <b>Bldg:</b> Cathedral of Learnin <b>Room:</b> 00324 <b>Days:</b> MW <b>Time:</b> 15:00 - 16:15 <b>Instructor:</b> Lange, John R<br><b>Class Enrl Cap:</b> 61 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0918(CS/0449/COE/0449) - COE 0449(#22632)<br><b>Reserve Capacity:</b> 01-OCT-2019      Pre-CS& or MN or SCI 1st Year <b>Reserve Enrl Cap:</b> 6 <b>Reserve Enrl Tot:</b> 0<br>09-NOV-2019      Pre-CS& or MN or SCI 1st Year      0      0             |             |         |           |                           |            |       |        |

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Catalog Nbr | Section | Class Nbr | Course Title                     | Component  | Units | Topics |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|----------------------------------|------------|-------|--------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0449        | 1210    | 26792     | INTRO TO SYSTEMS SOFTWARE        | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> Tu <b>Time:</b> 12:00 - 12:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0045(COE\CS\0449) - COE 0449(#23496)                                                                                                                                                                                                                          |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0449        | 1215    | 26793     | INTRO TO SYSTEMS SOFTWARE        | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> Tu <b>Time:</b> 09:00 - 09:50 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0752(CS/COE/0449) - COE 0449(#25681)                                                                                                                                                                                                                          |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0449        | 1600    | 31568     | INTRO TO SYSTEMS SOFTWARE        | Lecture    | 3     |        |
| <b>Bldg:</b> Wesley W Posvar Hall <b>Room:</b> 01502 <b>Days:</b> TuTh <b>Time:</b> 09:30 - 10:45 <b>Instructor:</b> Ahn, Daniel<br><br><b>Class Enrl Cap:</b> 61 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0751(CS/COE/0449) - COE 0449(#31571)<br><b>Reserve Capacity:</b> 01-OCT-2019      Pre-CS& or MN or SCI 1st Year <b>Reserve Enrl Cap:</b> 6 <b>Reserve Enrl Tot:</b> 0<br>09-NOV-2019      Pre-CS& or MN or SCI 1st Year      0      0 |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0449        | 1601    | 31569     | INTRO TO SYSTEMS SOFTWARE        | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> W <b>Time:</b> 15:00 - 15:50 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0750(CS/COE/0449 REC) - COE 0449(#31572)                                                                                                                                                                                                             |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0449        | 1602    | 31570     | INTRO TO SYSTEMS SOFTWARE        | Recitation | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05502 <b>Days:</b> Tu <b>Time:</b> 17:00 - 17:50 <b>Instructor:</b> Staff<br><br><b>Class Enrl Cap:</b> 34 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0749(CS/COE/0449 REC) - COE 0449(#31573)                                                                                                                                                                                                            |             |         |           |                                  |            |       |        |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0590        | 1140    | 26354     | SOC'L IMPLICATN CMPTNG TECHNLOGY | Lecture    | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05313 <b>Days:</b> TuTh <b>Time:</b> 16:00 - 17:15 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 31 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> Writing Intensive Course (WRIT), SCI Polymathic Contexts: Ethical/Policy GE. Req.<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                    |             |         |           |                                  |            |       |        |

| Subject | Catalog Nbr                                                                                          | Section                  | Class Nbr                      | Course Title                    | Component  | Units                    | Topics                                  |
|---------|------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------|---------------------------------|------------|--------------------------|-----------------------------------------|
| CS      | 0590                                                                                                 | 1150                     | 26356                          | SOCL IMPLICATN CMPTNG TECHNLOGY | Lecture    | 3                        |                                         |
|         | <b>Bldg:</b> Sennott Square                                                                          | <b>Room:</b> 05313       | <b>Days:</b> MW                | <b>Time:</b> 15:00 - 16:15      |            |                          | <b>Instructor:</b>                      |
|         | <b>Class Enrl Cap:</b> 31                                                                            | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0        |            |                          | <b>Class Min Enrl:</b> 0                |
|         | <b>Attributes:</b> Writing Intensive Course (WRIT), SCI Polymathic Contexts: Ethical/Policy GE. Req. |                          |                                |                                 |            |                          |                                         |
|         | <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                          |                          |                                |                                 |            |                          |                                         |
| CS      | 1501                                                                                                 | 1040                     | 26686                          | ALGORITHM IMPLEMENTATION        | Lecture    | 3                        |                                         |
|         | <b>Bldg:</b> Sennott Square                                                                          | <b>Room:</b> 05129       | <b>Days:</b> MW                | <b>Time:</b> 09:30 - 10:45      |            |                          | <b>Instructor:</b> Farnan, Nicholas Leo |
|         | <b>Class Enrl Cap:</b> 26                                                                            | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0        |            |                          | <b>Class Min Enrl:</b> 0                |
|         | <b>Attributes:</b> Writing Intensive Course (WRIT)                                                   |                          |                                |                                 |            |                          |                                         |
|         | <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                          |                          |                                |                                 |            |                          |                                         |
|         | <b>Combined Section ID:</b> 0675(CS/COE/1501) - COE 1501(#21285), CS 1501(#26687)                    |                          |                                |                                 |            |                          |                                         |
|         | <b>Reserve Capacity:</b>                                                                             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 18     |            | <b>Reserve Enrl Tot:</b> | 0                                       |
|         |                                                                                                      | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                               |            |                          | 0                                       |
| CS      | 1501                                                                                                 | 1050                     | 26687                          | ALGORITHM IMPLEMENTATION        | Lecture    | 3                        |                                         |
|         | <b>Bldg:</b> Sennott Square                                                                          | <b>Room:</b> 05129       | <b>Days:</b> MW                | <b>Time:</b> 09:30 - 10:45      |            |                          | <b>Instructor:</b> Farnan, Nicholas Leo |
|         | <b>Class Enrl Cap:</b> 16                                                                            | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 10      | <b>Class Wait Tot:</b> 0        |            |                          | <b>Class Min Enrl:</b> 0                |
|         | <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                          |                          |                                |                                 |            |                          |                                         |
|         | <b>Combined Section ID:</b> 0675(CS/COE/1501) - COE 1501(#21285), CS 1501(#26686)                    |                          |                                |                                 |            |                          |                                         |
|         | <b>Reserve Capacity:</b>                                                                             | 01-OCT-2019              | Pre-CS or BS or MN             | <b>Reserve Enrl Cap:</b> 11     |            | <b>Reserve Enrl Tot:</b> | 0                                       |
|         |                                                                                                      | 09-NOV-2019              | Pre-CS or BS or MN             | 0                               |            |                          | 0                                       |
| CS      | 1501                                                                                                 | 1055                     | 26688                          | ALGORITHM IMPLEMENTATION        | Recitation | 3                        |                                         |
|         | <b>Bldg:</b> Sennott Square                                                                          | <b>Room:</b> 05129       | <b>Days:</b> F                 | <b>Time:</b> 10:00 - 10:50      |            |                          | <b>Instructor:</b> Staff                |
|         | <b>Class Enrl Cap:</b> 10                                                                            | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 10      | <b>Class Wait Tot:</b> 0        |            |                          | <b>Class Min Enrl:</b> 0                |
|         | <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                          |                          |                                |                                 |            |                          |                                         |
|         | <b>Combined Section ID:</b> 0676(CS/COE/1501) - COE 1501(#21286), CS 1501(#26690)                    |                          |                                |                                 |            |                          |                                         |
| CS      | 1501                                                                                                 | 1060                     | 26689                          | ALGORITHM IMPLEMENTATION        | Recitation | 3                        |                                         |
|         | <b>Bldg:</b> Sennott Square                                                                          | <b>Room:</b> 05129       | <b>Days:</b> F                 | <b>Time:</b> 15:00 - 15:50      |            |                          | <b>Instructor:</b> Staff                |
|         | <b>Class Enrl Cap:</b> 10                                                                            | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 10      | <b>Class Wait Tot:</b> 0        |            |                          | <b>Class Min Enrl:</b> 0                |
|         | <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                          |                          |                                |                                 |            |                          |                                         |
|         | <b>Combined Section ID:</b> 0677(CS/COE/1501) - COE 1501(#21284), CS 1501(#26691)                    |                          |                                |                                 |            |                          |                                         |

| Subject                                                                                       | Catalog Nbr | Section                  | Class Nbr                      | Course Title                | Component                | Units                                  | Topics |
|-----------------------------------------------------------------------------------------------|-------------|--------------------------|--------------------------------|-----------------------------|--------------------------|----------------------------------------|--------|
| CS                                                                                            | 1501        | 1065                     | 26690                          | ALGORITHM IMPLEMENTATION    | Recitation               | 3                                      |        |
| <b>Bldg:</b> Sennott Square                                                                   |             | <b>Room:</b> 05129       | <b>Days:</b> F                 | <b>Time:</b> 10:00 - 10:50  |                          | <b>Instructor:</b> Staff               |        |
| <b>Class Enrl Cap:</b> 15                                                                     |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                   |             |                          |                                |                             |                          |                                        |        |
| <b>Combined Section ID:</b> 0676(CS/COE/1501) - COE 1501(#21286), CS 1501(#26688)             |             |                          |                                |                             |                          |                                        |        |
| CS                                                                                            | 1501        | 1070                     | 26691                          | ALGORITHM IMPLEMENTATION    | Recitation               | 3                                      |        |
| <b>Bldg:</b> Sennott Square                                                                   |             | <b>Room:</b> 05129       | <b>Days:</b> F                 | <b>Time:</b> 15:00 - 15:50  |                          | <b>Instructor:</b> Staff               |        |
| <b>Class Enrl Cap:</b> 15                                                                     |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                   |             |                          |                                |                             |                          |                                        |        |
| <b>Combined Section ID:</b> 0677(CS/COE/1501) - COE 1501(#21284), CS 1501(#26689)             |             |                          |                                |                             |                          |                                        |        |
| CS                                                                                            | 1501        | 1160                     | 26692                          | ALGORITHM IMPLEMENTATION    | Lecture                  | 3                                      |        |
| <b>Bldg:</b> Lawrence Hall                                                                    |             | <b>Room:</b> 00207       | <b>Days:</b> TuTh              | <b>Time:</b> 12:30 - 13:45  |                          | <b>Instructor:</b> Farnan,Nicholas Leo |        |
| <b>Class Enrl Cap:</b> 26                                                                     |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 20   | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |        |
| <b>Attributes:</b> Writing Intensive Course (WRIT)                                            |             |                          |                                |                             |                          |                                        |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                   |             |                          |                                |                             |                          |                                        |        |
| <b>Combined Section ID:</b> 0804(CS 1501/CS 1501/COE1501) - COE 1501(#12850), CS 1501(#26695) |             |                          |                                |                             |                          |                                        |        |
| <b>Reserve Capacity:</b>                                                                      |             | 01-OCT-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 18 |                          | <b>Reserve Enrl Tot:</b>               | 0      |
|                                                                                               |             | 09-NOV-2019              | Pre- CS/CMPBIO/BINF & -BS, -MN |                             |                          |                                        | 0      |
| CS                                                                                            | 1501        | 1162                     | 26693                          | ALGORITHM IMPLEMENTATION    | Recitation               | 3                                      |        |
| <b>Bldg:</b> Sennott Square                                                                   |             | <b>Room:</b> 05129       | <b>Days:</b> F                 | <b>Time:</b> 12:00 - 12:50  |                          | <b>Instructor:</b>                     |        |
| <b>Class Enrl Cap:</b> 15                                                                     |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                   |             |                          |                                |                             |                          |                                        |        |
| <b>Combined Section ID:</b> 0801(CS 1501/COE 1501) - COE 1501(#12938), CS 1501(#26696)        |             |                          |                                |                             |                          |                                        |        |
| CS                                                                                            | 1501        | 1167                     | 26694                          | ALGORITHM IMPLEMENTATION    | Recitation               | 3                                      |        |
| <b>Bldg:</b> Sennott Square                                                                   |             | <b>Room:</b> 05505       | <b>Days:</b> F                 | <b>Time:</b> 10:00 - 10:50  |                          | <b>Instructor:</b> Staff               |        |
| <b>Class Enrl Cap:</b> 15                                                                     |             | <b>Class Enrl Tot:</b> 0 |                                | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                   |             |                          |                                |                             |                          |                                        |        |
| <b>Combined Section ID:</b> 0802(CS 1501/COE 1501) - COE 1501(#12851), CS 1501(#26697)        |             |                          |                                |                             |                          |                                        |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject               | Catalog Nbr | Section                                                            | Class Nbr                      | Course Title             | Component       | Units             | Topics              |
|-----------------------|-------------|--------------------------------------------------------------------|--------------------------------|--------------------------|-----------------|-------------------|---------------------|
| CS                    | 1501        | 1170                                                               | 26695                          | ALGORITHM IMPLEMENTATION | Lecture         | 3                 |                     |
| Bldg:                 |             | Lawrence Hall                                                      | Room:                          | 00207                    | Days:           | TuTh              | Time: 12:30 - 13:45 |
| Class Enrl Cap:       |             | 16                                                                 | Class Enrl Tot:                | 0                        | Class Wait Cap: | 10                | Class Wait Tot: 0   |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                     |                                |                          |                 |                   |                     |
| Combined Section ID:  |             | 0804(CS 1501/CS 1501/COE1501) - COE 1501(#12850), CS 1501(#26692)  |                                |                          |                 |                   |                     |
| Reserve Capacity:     |             | 01-OCT-2019                                                        | Pre-CS or BS or MN             | Reserve Enrl Cap:        | 11              | Reserve Enrl Tot: | 0                   |
|                       |             | 09-NOV-2019                                                        | Pre-CS or BS or MN             |                          | 0               |                   | 0                   |
| CS                    | 1501        | 1175                                                               | 26696                          | ALGORITHM IMPLEMENTATION | Recitation      | 3                 |                     |
| Bldg:                 |             | Sennott Square                                                     | Room:                          | 05129                    | Days:           | F                 | Time: 12:00 - 12:50 |
| Class Enrl Cap:       |             | 10                                                                 | Class Enrl Tot:                | 0                        | Class Wait Cap: | 10                | Class Wait Tot: 0   |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                     |                                |                          |                 |                   |                     |
| Combined Section ID:  |             | 0801(CS 1501/COE 1501) - COE 1501(#12938), CS 1501(#26693)         |                                |                          |                 |                   |                     |
| CS                    | 1501        | 1180                                                               | 26697                          | ALGORITHM IMPLEMENTATION | Recitation      | 3                 |                     |
| Bldg:                 |             | Sennott Square                                                     | Room:                          | 05505                    | Days:           | F                 | Time: 10:00 - 10:50 |
| Class Enrl Cap:       |             | 10                                                                 | Class Enrl Tot:                | 0                        | Class Wait Cap: | 10                | Class Wait Tot: 0   |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                     |                                |                          |                 |                   |                     |
| Combined Section ID:  |             | 0802(CS 1501/COE 1501) - COE 1501(#12851), CS 1501(#26694)         |                                |                          |                 |                   |                     |
| CS                    | 1501        | 1200                                                               | 26698                          | ALGORITHM IMPLEMENTATION | Lecture         | 3                 |                     |
| Bldg:                 |             | Benedum Hall                                                       | Room:                          | 00G36                    | Days:           | TuTh              | Time: 14:30 - 15:45 |
| Class Enrl Cap:       |             | 26                                                                 | Class Enrl Tot:                | 0                        | Class Wait Cap: | 20                | Class Wait Tot: 0   |
| Attributes:           |             | Writing Intensive Course (WRIT)                                    |                                |                          |                 |                   |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                     |                                |                          |                 |                   |                     |
| Combined Section ID:  |             | 0712(CS/1501/CS/1501/COE/1501) - COE 1501(#22216), CS 1501(#26699) |                                |                          |                 |                   |                     |
| Reserve Capacity:     |             | 01-OCT-2019                                                        | Pre- CS/CMPBIO/BINF & -BS, -MN | Reserve Enrl Cap:        | 18              | Reserve Enrl Tot: | 0                   |
|                       |             | 09-NOV-2019                                                        | Pre- CS/CMPBIO/BINF & -BS, -MN |                          | 0               |                   | 0                   |
| CS                    | 1501        | 1210                                                               | 26699                          | ALGORITHM IMPLEMENTATION | Lecture         | 3                 |                     |
| Bldg:                 |             | Benedum Hall                                                       | Room:                          | 00G36                    | Days:           | TuTh              | Time: 14:30 - 15:45 |
| Class Enrl Cap:       |             | 16                                                                 | Class Enrl Tot:                | 0                        | Class Wait Cap: | 10                | Class Wait Tot: 0   |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                     |                                |                          |                 |                   |                     |
| Combined Section ID:  |             | 0712(CS/1501/CS/1501/COE/1501) - COE 1501(#22216), CS 1501(#26698) |                                |                          |                 |                   |                     |
| Reserve Capacity:     |             | 01-OCT-2019                                                        | Pre-CS or BS or MN             | Reserve Enrl Cap:        | 11              | Reserve Enrl Tot: | 0                   |
|                       |             | 09-NOV-2019                                                        | Pre-CS or BS or MN             |                          | 0               |                   | 0                   |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                     | Catalog Nbr | Section | Class Nbr | Course Title                                                                           | Component                   | Units                      | Topics                                    |
|-------------------------------------------------------------|-------------|---------|-----------|----------------------------------------------------------------------------------------|-----------------------------|----------------------------|-------------------------------------------|
| CS                                                          | 1501        | 1215    | 26700     | ALGORITHM IMPLEMENTATION                                                               | Recitation                  | 3                          |                                           |
| <b>Bldg:</b> Sennott Square                                 |             |         |           | <b>Room:</b> 05502                                                                     | <b>Days:</b> F              | <b>Time:</b> 13:00 - 13:50 | <b>Instructor:</b> Staff                  |
| <b>Class Enrl Cap:</b> 15                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0169(COE/1501/CS/1501) - COE 1501(#22218), CS 1501(#26703) |                             |                            |                                           |
| CS                                                          | 1501        | 1220    | 26701     | ALGORITHM IMPLEMENTATION                                                               | Recitation                  | 3                          |                                           |
| <b>Bldg:</b> Sennott Square                                 |             |         |           | <b>Room:</b> 05129                                                                     | <b>Days:</b> F              | <b>Time:</b> 11:00 - 11:50 | <b>Instructor:</b> Staff                  |
| <b>Class Enrl Cap:</b> 15                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0168(COE/1501/CS/1501) - COE 1501(#22217), CS 1501(#26702) |                             |                            |                                           |
| CS                                                          | 1501        | 1225    | 26702     | ALGORITHM IMPLEMENTATION                                                               | Recitation                  | 3                          |                                           |
| <b>Bldg:</b> Sennott Square                                 |             |         |           | <b>Room:</b> 05129                                                                     | <b>Days:</b> F              | <b>Time:</b> 11:00 - 11:50 | <b>Instructor:</b> Staff                  |
| <b>Class Enrl Cap:</b> 10                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0168(COE/1501/CS/1501) - COE 1501(#22217), CS 1501(#26701) |                             |                            |                                           |
| CS                                                          | 1501        | 1230    | 26703     | ALGORITHM IMPLEMENTATION                                                               | Recitation                  | 3                          |                                           |
| <b>Bldg:</b> Sennott Square                                 |             |         |           | <b>Room:</b> 05502                                                                     | <b>Days:</b> F              | <b>Time:</b> 13:00 - 13:50 | <b>Instructor:</b> Staff                  |
| <b>Class Enrl Cap:</b> 10                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0169(COE/1501/CS/1501) - COE 1501(#22218), CS 1501(#26700) |                             |                            |                                           |
| CS                                                          | 1501        | 1240    | 26704     | ALGORITHM IMPLEMENTATION                                                               | Lecture                     | 3                          |                                           |
| <b>Bldg:</b> Sennott Square                                 |             |         |           | <b>Room:</b> 05129                                                                     | <b>Days:</b> MW             | <b>Time:</b> 15:00 - 16:15 | <b>Instructor:</b> Garrison III,William C |
| <b>Class Enrl Cap:</b> 16                                   |             |         |           | <b>Class Enrl Tot:</b> 0                                                               | <b>Class Wait Cap:</b> 10   | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |         |           | <b>Combined Section ID:</b> 0729(COE/CS/1501) - COE 1501(#25693), CS 1501(#26705)      |                             |                            |                                           |
| <b>Reserve Capacity:</b>                                    |             |         |           | 01-OCT-2019 Pre-CS or BS or MN                                                         | <b>Reserve Enrl Cap:</b> 11 | <b>Reserve Enrl Tot:</b>   | 0                                         |
|                                                             |             |         |           | 09-NOV-2019 Pre-CS or BS or MN                                                         | 0                           |                            | 0                                         |

| Subject                                                                           | Catalog Nbr | Section        | Class Nbr | Course Title                   | Component  | Units                    | Topics |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
|-----------------------------------------------------------------------------------|-------------|----------------|-----------|--------------------------------|------------|--------------------------|--------|------------------------|---------------|--------------------------|------------------------|------------------------|--|---|--|------------------------|--|---|--|
| CS                                                                                | 1501        | 1245           | 26705     | ALGORITHM IMPLEMENTATION       | Lecture    | 3                        |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Bldg:</b>                                                                      |             | Sennott Square |           | <b>Room:</b>                   | 05129      | <b>Days:</b>             | MW     | <b>Time:</b>           | 15:00 - 16:15 | <b>Instructor:</b>       | Garrison III,William C |                        |  |   |  |                        |  |   |  |
| <b>Class Enrl Cap:</b>                                                            |             | 26             |           | <b>Class Enrl Tot:</b>         |            | 0                        |        | <b>Class Wait Cap:</b> |               | 20                       |                        | <b>Class Wait Tot:</b> |  | 0 |  | <b>Class Min Enrl:</b> |  | 0 |  |
| <b>Attributes:</b> Writing Intensive Course (WRIT)                                |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                       |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Combined Section ID:</b> 0729(COE/CS/1501) - COE 1501(#25693), CS 1501(#26704) |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Reserve Capacity:</b>                                                          |             | 01-OCT-2019    |           | Pre- CS/CMPBIO/BINF & -BS, -MN |            | <b>Reserve Enrl Cap:</b> |        | 18                     |               | <b>Reserve Enrl Tot:</b> |                        | 0                      |  |   |  |                        |  |   |  |
|                                                                                   |             | 09-NOV-2019    |           | Pre- CS/CMPBIO/BINF & -BS, -MN |            |                          |        | 0                      |               |                          |                        | 0                      |  |   |  |                        |  |   |  |
| CS                                                                                | 1501        | 1250           | 26706     | ALGORITHM IMPLEMENTATION       | Recitation | 3                        |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Bldg:</b>                                                                      |             | Sennott Square |           | <b>Room:</b>                   | 05502      | <b>Days:</b>             | F      | <b>Time:</b>           | 12:00 - 12:50 | <b>Instructor:</b>       | Staff                  |                        |  |   |  |                        |  |   |  |
| <b>Class Enrl Cap:</b>                                                            |             | 15             |           | <b>Class Enrl Tot:</b>         |            | 0                        |        | <b>Class Wait Cap:</b> |               | 10                       |                        | <b>Class Wait Tot:</b> |  | 0 |  | <b>Class Min Enrl:</b> |  | 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                       |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Combined Section ID:</b> 0727(COE/CS/1501) - CS 1501(#26709), COE 1501(#27713) |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| CS                                                                                | 1501        | 1255           | 26707     | ALGORITHM IMPLEMENTATION       | Recitation | 3                        |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Bldg:</b>                                                                      |             | Sennott Square |           | <b>Room:</b>                   | 05502      | <b>Days:</b>             | F      | <b>Time:</b>           | 14:00 - 14:50 | <b>Instructor:</b>       | Staff                  |                        |  |   |  |                        |  |   |  |
| <b>Class Enrl Cap:</b>                                                            |             | 15             |           | <b>Class Enrl Tot:</b>         |            | 0                        |        | <b>Class Wait Cap:</b> |               | 10                       |                        | <b>Class Wait Tot:</b> |  | 0 |  | <b>Class Min Enrl:</b> |  | 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                       |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Combined Section ID:</b> 0728(COE/CS/1501) - COE 1501(#25694), CS 1501(#26708) |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| CS                                                                                | 1501        | 1270           | 26708     | ALGORITHM IMPLEMENTATION       | Recitation | 3                        |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Bldg:</b>                                                                      |             | Sennott Square |           | <b>Room:</b>                   | 05502      | <b>Days:</b>             | F      | <b>Time:</b>           | 14:00 - 14:50 | <b>Instructor:</b>       | Staff                  |                        |  |   |  |                        |  |   |  |
| <b>Class Enrl Cap:</b>                                                            |             | 10             |           | <b>Class Enrl Tot:</b>         |            | 0                        |        | <b>Class Wait Cap:</b> |               | 10                       |                        | <b>Class Wait Tot:</b> |  | 0 |  | <b>Class Min Enrl:</b> |  | 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                       |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Combined Section ID:</b> 0728(COE/CS/1501) - COE 1501(#25694), CS 1501(#26707) |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| CS                                                                                | 1501        | 1275           | 26709     | ALGORITHM IMPLEMENTATION       | Recitation | 3                        |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Bldg:</b>                                                                      |             | Sennott Square |           | <b>Room:</b>                   | 05502      | <b>Days:</b>             | F      | <b>Time:</b>           | 12:00 - 12:50 | <b>Instructor:</b>       | Staff                  |                        |  |   |  |                        |  |   |  |
| <b>Class Enrl Cap:</b>                                                            |             | 10             |           | <b>Class Enrl Tot:</b>         |            | 0                        |        | <b>Class Wait Cap:</b> |               | 10                       |                        | <b>Class Wait Tot:</b> |  | 0 |  | <b>Class Min Enrl:</b> |  | 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                       |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |
| <b>Combined Section ID:</b> 0727(COE/CS/1501) - CS 1501(#26706), COE 1501(#27713) |             |                |           |                                |            |                          |        |                        |               |                          |                        |                        |  |   |  |                        |  |   |  |

| Subject                                                     | Catalog Nbr | Section                             | Class Nbr                      | Course Title                | Component  | Units                                     | Topics |
|-------------------------------------------------------------|-------------|-------------------------------------|--------------------------------|-----------------------------|------------|-------------------------------------------|--------|
| CS                                                          | 1501        | 1300                                | 27957                          | ALGORITHM IMPLEMENTATION    | Lecture    | 3                                         |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05129                  | <b>Days:</b> MW                | <b>Time:</b> 11:00 - 12:15  |            | <b>Instructor:</b> Garrison III,William C |        |
| <b>Class Enrl Cap:</b> 16                                   |             | <b>Class Enrl Tot:</b> 0            |                                | <b>Class Wait Cap:</b> 10   |            | <b>Class Wait Tot:</b> 0                  |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |                                |                             |            |                                           |        |
| <b>Combined Section ID:</b> 0977(CS/1501)                   |             | - CS 1501(#27960), COE 1501(#31590) |                                |                             |            |                                           |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019                         | Pre-CS or BS or MN             | <b>Reserve Enrl Cap:</b> 11 |            | <b>Reserve Enrl Tot:</b>                  | 0      |
|                                                             |             | 09-NOV-2019                         | Pre-CS or BS or MN             | 0                           |            |                                           | 0      |
| CS                                                          | 1501        | 1305                                | 27958                          | ALGORITHM IMPLEMENTATION    | Recitation | 3                                         |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05505                  | <b>Days:</b> Th                | <b>Time:</b> 16:00 - 16:50  |            | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 10                                   |             | <b>Class Enrl Tot:</b> 0            |                                | <b>Class Wait Cap:</b> 10   |            | <b>Class Wait Tot:</b> 0                  |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |                                |                             |            |                                           |        |
| <b>Combined Section ID:</b> 0978(CS/1501)                   |             | - CS 1501(#27961), COE 1501(#31591) |                                |                             |            |                                           |        |
| CS                                                          | 1501        | 1310                                | 27959                          | ALGORITHM IMPLEMENTATION    | Recitation | 3                                         |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05505                  | <b>Days:</b> Th                | <b>Time:</b> 15:00 - 15:50  |            | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 10                                   |             | <b>Class Enrl Tot:</b> 0            |                                | <b>Class Wait Cap:</b> 10   |            | <b>Class Wait Tot:</b> 0                  |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |                                |                             |            |                                           |        |
| <b>Combined Section ID:</b> 0979(CS/1501)                   |             | - CS 1501(#27962), COE 1501(#31592) |                                |                             |            |                                           |        |
| CS                                                          | 1501        | 1400                                | 27960                          | ALGORITHM IMPLEMENTATION    | Lecture    | 3                                         |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05129                  | <b>Days:</b> MW                | <b>Time:</b> 11:00 - 12:15  |            | <b>Instructor:</b> Garrison III,William C |        |
| <b>Class Enrl Cap:</b> 26                                   |             | <b>Class Enrl Tot:</b> 0            |                                | <b>Class Wait Cap:</b> 20   |            | <b>Class Wait Tot:</b> 0                  |        |
| <b>Attributes:</b> Writing Intensive Course (WRIT)          |             |                                     |                                |                             |            |                                           |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |                                |                             |            |                                           |        |
| <b>Combined Section ID:</b> 0977(CS/1501)                   |             | - CS 1501(#27957), COE 1501(#31590) |                                |                             |            |                                           |        |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019                         | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 18 |            | <b>Reserve Enrl Tot:</b>                  | 0      |
|                                                             |             | 09-NOV-2019                         | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |            |                                           | 0      |
| CS                                                          | 1501        | 1405                                | 27961                          | ALGORITHM IMPLEMENTATION    | Recitation | 3                                         |        |
| <b>Bldg:</b> Sennott Square                                 |             | <b>Room:</b> 05505                  | <b>Days:</b> Th                | <b>Time:</b> 16:00 - 16:50  |            | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 15                                   |             | <b>Class Enrl Tot:</b> 0            |                                | <b>Class Wait Cap:</b> 10   |            | <b>Class Wait Tot:</b> 0                  |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |                                |                             |            |                                           |        |
| <b>Combined Section ID:</b> 0978(CS/1501)                   |             | - CS 1501(#27958), COE 1501(#31591) |                                |                             |            |                                           |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                   | Catalog Nbr | Section                                           | Class Nbr        | Course Title                          | Component            | Units                                | Topics |
|---------------------------|-------------|---------------------------------------------------|------------------|---------------------------------------|----------------------|--------------------------------------|--------|
| CS                        | 1501        | 1410                                              | 27962            | ALGORITHM IMPLEMENTATION              | Recitation           | 3                                    |        |
| Bldg: Sennott Square      |             | Room: 05505                                       | Days: Th         | Time: 15:00 - 15:50                   |                      | Instructor: Staff                    |        |
| Class Enrl Cap: 15        |             | Class Enrl Tot: 0                                 |                  | Class Wait Cap: 10                    |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)                    |                  |                                       |                      |                                      |        |
| Combined Section ID:      |             | 0979(CS/1501) - CS 1501(#27959), COE 1501(#31592) |                  |                                       |                      |                                      |        |
| CS                        | 1502        | 1060                                              | 26364            | FORMAL METHODS IN COMPUTER SCILecture |                      | 3                                    |        |
| Bldg: Information Science |             | Room: 00305                                       | Days: TuTh       | Time: 13:00 - 14:15                   |                      | Instructor: Kosiyatrakul,Thumrongsak |        |
| Class Enrl Cap: 50        |             | Class Enrl Tot: 0                                 |                  | Class Wait Cap: 20                    |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)                    |                  |                                       |                      |                                      |        |
| Reserve Capacity:         |             | 01-OCT-2019                                       | Pre-CS or Majors |                                       | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                           |             | 09-NOV-2019                                       | Pre-CS or Majors |                                       | 0                    |                                      | 0      |
| CS                        | 1502        | 1200                                              | 26408            | FORMAL METHODS IN COMPUTER SCILecture |                      | 3                                    |        |
| Bldg: Lawrence Hall       |             | Room: 00203                                       | Days: TuTh       | Time: 16:00 - 17:15                   |                      | Instructor: Kosiyatrakul,Thumrongsak |        |
| Class Enrl Cap: 50        |             | Class Enrl Tot: 0                                 |                  | Class Wait Cap: 20                    |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)                    |                  |                                       |                      |                                      |        |
| Reserve Capacity:         |             | 01-OCT-2019                                       | Pre-CS or Majors |                                       | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                           |             | 09-NOV-2019                                       | Pre-CS or Majors |                                       | 0                    |                                      | 0      |
| CS                        | 1502        | 1210                                              | 27977            | FORMAL METHODS IN COMPUTER SCILecture |                      | 3                                    |        |
| Bldg: Lawrence Hall       |             | Room: 00209                                       | Days: MW         | Time: 11:00 - 12:15                   |                      | Instructor: Kosiyatrakul,Thumrongsak |        |
| Class Enrl Cap: 50        |             | Class Enrl Tot: 0                                 |                  | Class Wait Cap: 20                    |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)                    |                  |                                       |                      |                                      |        |
| Reserve Capacity:         |             | 01-OCT-2019                                       | Pre-CS or Majors |                                       | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                           |             | 09-NOV-2019                                       | Pre-CS or Majors |                                       | 0                    |                                      | 0      |
| CS                        | 1502        | 1220                                              | 31274            | FORMAL METHODS IN COMPUTER SCILecture |                      | 3                                    |        |
| Bldg: Information Science |             | Room: 00405                                       | Days: MW         | Time: 15:00 - 16:15                   |                      | Instructor: Kosiyatrakul,Thumrongsak |        |
| Class Enrl Cap: 50        |             | Class Enrl Tot: 0                                 |                  | Class Wait Cap: 20                    |                      | Class Wait Tot: 0                    |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)                    |                  |                                       |                      |                                      |        |
| Reserve Capacity:         |             | 01-OCT-2019                                       | Pre-CS or Majors |                                       | Reserve Enrl Cap: 35 | Reserve Enrl Tot:                    | 0      |
|                           |             | 09-NOV-2019                                       | Pre-CS or Majors |                                       | 0                    |                                      | 0      |

| <u>Subject</u>                                                                              | <u>Catalog Nbr</u> | <u>Section</u>           | <u>Class Nbr</u>        | <u>Course Title</u>                   | <u>Component</u> | <u>Units</u>             | <u>Topics</u>                     |
|---------------------------------------------------------------------------------------------|--------------------|--------------------------|-------------------------|---------------------------------------|------------------|--------------------------|-----------------------------------|
| CS                                                                                          | 1511               | 1010                     | 26424                   | THEORY OF COMPUTATION                 | Lecture          | 3                        |                                   |
| <b>Bldg:</b> Information ScienceRoom: 00305 <b>Days:</b> MW <b>Time:</b> 09:30 - 10:45      |                    |                          |                         |                                       |                  |                          | <b>Instructor:</b>                |
| <b>Class Enrl Cap:</b> 17                                                                   |                    | <b>Class Enrl Tot:</b> 0 |                         | <b>Class Wait Cap:</b> 10             |                  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                 |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Combined Section ID:</b> 0051(CS 1511/CS 2110) - CS 2110(#26535)                         |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Reserve Capacity:</b>                                                                    |                    | 01-OCT-2019              | Pre-CS or Majors        | <b>Reserve Enrl Cap:</b> 12           |                  | <b>Reserve Enrl Tot:</b> | 0                                 |
|                                                                                             |                    | 09-NOV-2019              | Pre-CS or Majors        |                                       |                  |                          | 0                                 |
| CS                                                                                          | 1530               | 1020                     | 26784                   | SOFTWARE ENGINEERING                  | Lecture          | 3                        |                                   |
| <b>Bldg:</b> Public Health-CrabtRoom: 0A115 <b>Days:</b> TuTh <b>Time:</b> 11:00 - 12:15    |                    |                          |                         |                                       |                  |                          | <b>Instructor:</b>                |
| <b>Class Enrl Cap:</b> 40                                                                   |                    | <b>Class Enrl Tot:</b> 0 |                         | <b>Class Wait Cap:</b> 20             |                  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                 |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Combined Section ID:</b> 0746(CS/COE/1530) - COE 1530(#25698)                            |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Reserve Capacity:</b>                                                                    |                    | 01-OCT-2019              | Pre-CS or BS or BINF BS | <b>Reserve Enrl Cap:</b> 28           |                  | <b>Reserve Enrl Tot:</b> | 0                                 |
|                                                                                             |                    | 09-NOV-2019              | Pre-CS or BS or BINF BS |                                       |                  |                          | 0                                 |
| CS                                                                                          | 1530               | 1030                     | 30110                   | SOFTWARE ENGINEERING                  | Lecture          | 3                        |                                   |
| <b>Bldg:</b> Public Health-CrabtRoom: 0A115 <b>Days:</b> TuTh <b>Time:</b> 13:00 - 14:15    |                    |                          |                         |                                       |                  |                          | <b>Instructor:</b> Chang, Shi-Kuo |
| <b>Class Enrl Cap:</b> 40                                                                   |                    | <b>Class Enrl Tot:</b> 0 |                         | <b>Class Wait Cap:</b> 20             |                  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                 |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Combined Section ID:</b> 0717(COE/CS/1530) - COE 1530(#30135)                            |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Reserve Capacity:</b>                                                                    |                    | 01-OCT-2019              | Pre-CS or BS or BINF BS | <b>Reserve Enrl Cap:</b> 28           |                  | <b>Reserve Enrl Tot:</b> | 0                                 |
|                                                                                             |                    | 09-NOV-2019              | Pre-CS or BS or BINF BS |                                       |                  |                          | 0                                 |
| CS                                                                                          | 1541               | 1010                     | 26635                   | INTRO TO COMPUTER ARCHITECTURELecture |                  | 3                        |                                   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05129 <b>Days:</b> MW <b>Time:</b> 16:30 - 17:45   |                    |                          |                         |                                       |                  |                          | <b>Instructor:</b> Melhem,Rami G  |
| <b>Class Enrl Cap:</b> 16                                                                   |                    | <b>Class Enrl Tot:</b> 0 |                         | <b>Class Wait Cap:</b> 10             |                  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                 |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Combined Section ID:</b> 0037(CS/1541/COE/1541) - COE 1541(#12829)                       |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Reserve Capacity:</b>                                                                    |                    | 01-OCT-2019              | Pre-CS or Majors        | <b>Reserve Enrl Cap:</b> 11           |                  | <b>Reserve Enrl Tot:</b> | 0                                 |
|                                                                                             |                    | 09-NOV-2019              | Pre-CS or Majors        |                                       |                  |                          | 0                                 |
| CS                                                                                          | 1550               | 1060                     | 26656                   | INTRO TO OPERATING SYSTEMS            | Lecture          | 3                        |                                   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05129 <b>Days:</b> TuTh <b>Time:</b> 14:30 - 15:45 |                    |                          |                         |                                       |                  |                          | <b>Instructor:</b> Mosse,Daniel   |
| <b>Class Enrl Cap:</b> 45                                                                   |                    | <b>Class Enrl Tot:</b> 0 |                         | <b>Class Wait Cap:</b> 20             |                  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                 |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Combined Section ID:</b> 0038(CS/1550/COE/1550) - COE 1550(#12947)                       |                    |                          |                         |                                       |                  |                          |                                   |
| <b>Reserve Capacity:</b>                                                                    |                    | 01-OCT-2019              | Pre-CS or Majors        | <b>Reserve Enrl Cap:</b> 32           |                  | <b>Reserve Enrl Tot:</b> | 0                                 |
|                                                                                             |                    | 09-NOV-2019              | Pre-CS or Majors        |                                       |                  |                          | 0                                 |

|                                                                |      |                                     |       |                            |                     |                                       |                   |  |  |
|----------------------------------------------------------------|------|-------------------------------------|-------|----------------------------|---------------------|---------------------------------------|-------------------|--|--|
| CS                                                             | 1550 | 1080                                | 26658 | INTRO TO OPERATING SYSTEMS | Recitation          | 3                                     |                   |  |  |
| Bldg: Sennott Square                                           |      | Room: 05505                         |       | Days: Tu                   | Time: 09:00 - 09:50 | Instructor: Staff                     |                   |  |  |
| Class Enrl Cap: 25                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0040(CS/1550/COE/1550) - COE 1550(#12839) |      |                                     |       |                            |                     |                                       |                   |  |  |
| CS                                                             | 1550 | 1090                                | 26659 | INTRO TO OPERATING SYSTEMS | Recitation          | 3                                     |                   |  |  |
| Bldg: Sennott Square                                           |      | Room: 05505                         |       | Days: F                    | Time: 12:00 - 12:50 | Instructor: Staff                     |                   |  |  |
| Class Enrl Cap: 25                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0039(CS/1550/COE/1550) - COE 1550(#12933) |      |                                     |       |                            |                     |                                       |                   |  |  |
| CS                                                             | 1550 | 1100                                | 26679 | INTRO TO OPERATING SYSTEMS | Lecture             | 3                                     |                   |  |  |
| Bldg: Benedum Hall                                             |      | Room: 00227                         |       | Days: TuTh                 | Time: 11:00 - 12:15 | Instructor: Mohamed Khattab, Sherif E |                   |  |  |
| Class Enrl Cap: 45                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0098(CS/1550/COE/1550) - COE 1550(#22630) |      |                                     |       |                            |                     |                                       |                   |  |  |
| Reserve Capacity:                                              |      | 01-OCT-2019 Pre-CS or Majors        |       | Reserve Enrl Cap: 32       |                     | Reserve Enrl Tot: 0                   |                   |  |  |
|                                                                |      | 09-NOV-2019 Pre-CS or Majors        |       | 0                          |                     | 0                                     |                   |  |  |
| CS                                                             | 1550 | 1110                                | 26813 | INTRO TO OPERATING SYSTEMS | Recitation          | 3                                     |                   |  |  |
| Bldg: Sennott Square                                           |      | Room: 05502                         |       | Days: F                    | Time: 10:00 - 10:50 | Instructor: Staff                     |                   |  |  |
| Class Enrl Cap: 25                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0188(CS/1550/COE/1550) - COE 1550(#22631) |      |                                     |       |                            |                     |                                       |                   |  |  |
| CS                                                             | 1550 | 1120                                | 26814 | INTRO TO OPERATING SYSTEMS | Recitation          | 3                                     |                   |  |  |
| Bldg: Sennott Square                                           |      | Room: 05505                         |       | Days: Th                   | Time: 14:00 - 14:50 | Instructor: Staff                     |                   |  |  |
| Class Enrl Cap: 25                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0875(COE/1550/CS/1550) - COE 1550(#23494) |      |                                     |       |                            |                     |                                       |                   |  |  |
| CS                                                             | 1550 | 1200                                | 27952 | INTRO TO OPERATING SYSTEMS | Lecture             | 3                                     |                   |  |  |
| Bldg: Lawrence Hall                                            |      | Room: 00106                         |       | Days: TuTh                 | Time: 09:30 - 10:45 | Instructor:                           |                   |  |  |
| Class Enrl Cap: 45                                             |      | Class Enrl Tot: 0                   |       | Class Wait Cap: 20         |                     | Class Wait Tot: 0                     | Class Min Enrl: 0 |  |  |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)           |      |                                     |       |                            |                     |                                       |                   |  |  |
| Combined Section ID: 0724(COE/CS/1550) - COE 1550(#31587)      |      |                                     |       |                            |                     |                                       |                   |  |  |
| Reserve Capacity:                                              |      | 01-OCT-2019 Pre-CS or Majors        |       | Reserve Enrl Cap: 32       |                     | Reserve Enrl Tot: 0                   |                   |  |  |
|                                                                |      | 01-OCT-2019 RESTRICTED TO CS MINORS |       | 8                          |                     | 0                                     |                   |  |  |
|                                                                |      | 09-NOV-2019 Pre-CS or Majors        |       | 0                          |                     | 0                                     |                   |  |  |

| Subject                                                          | Catalog Nbr | Section        | Class Nbr              | Course Title                | Component                | Units                     | Topics                     |                                        |                          |
|------------------------------------------------------------------|-------------|----------------|------------------------|-----------------------------|--------------------------|---------------------------|----------------------------|----------------------------------------|--------------------------|
| CS                                                               | 1550        | 1205           | 27953                  | INTRO TO OPERATING SYSTEMS  | Recitation               | 3                         |                            |                                        |                          |
| <b>Bldg:</b>                                                     |             | Sennott Square | <b>Room:</b>           | 05505                       | <b>Days:</b>             | Tu                        | <b>Time:</b> 16:00 - 16:50 | <b>Instructor:</b> Staff               |                          |
| <b>Class Enrl Cap:</b>                                           |             | 25             | <b>Class Enrl Tot:</b> |                             | 0                        | <b>Class Wait Cap:</b> 20 |                            | <b>Class Wait Tot:</b> 0               | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Combined Section ID:</b> 0723(COE/CS/1550) - COE 1550(#31588) |             |                |                        |                             |                          |                           |                            |                                        |                          |
| CS                                                               | 1550        | 1210           | 27954                  | INTRO TO OPERATING SYSTEMS  | Recitation               | 3                         |                            |                                        |                          |
| <b>Bldg:</b>                                                     |             | Sennott Square | <b>Room:</b>           | 05505                       | <b>Days:</b>             | Tu                        | <b>Time:</b> 17:00 - 17:50 | <b>Instructor:</b> Staff               |                          |
| <b>Class Enrl Cap:</b>                                           |             | 25             | <b>Class Enrl Tot:</b> |                             | 0                        | <b>Class Wait Cap:</b> 20 |                            | <b>Class Wait Tot:</b> 0               | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Combined Section ID:</b> 0722(COE/CS/1550) - COE 1550(#31589) |             |                |                        |                             |                          |                           |                            |                                        |                          |
| CS                                                               | 1555        | 1080           | 27599                  | DATABASE MANAGEMENT SYSTEMS | Recitation               | 3                         |                            |                                        |                          |
| <b>Bldg:</b>                                                     |             | Sennott Square | <b>Room:</b>           | 05129                       | <b>Days:</b>             | F                         | <b>Time:</b> 13:00 - 13:50 | <b>Instructor:</b> Staff               |                          |
| <b>Class Enrl Cap:</b>                                           |             | 25             | <b>Class Enrl Tot:</b> |                             | 0                        | <b>Class Wait Cap:</b> 20 |                            | <b>Class Wait Tot:</b> 0               | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Combined Section ID:</b> 0931(cs/1555/2055) - CS 2055(#27600) |             |                |                        |                             |                          |                           |                            |                                        |                          |
| CS                                                               | 1555        | 1090           | 27617                  | DATABASE MANAGEMENT SYSTEMS | Lecture                  | 3                         |                            |                                        |                          |
| <b>Bldg:</b>                                                     |             | Sennott Square | <b>Room:</b>           | 05129                       | <b>Days:</b>             | TuTh                      | <b>Time:</b> 16:00 - 17:15 | <b>Instructor:</b> Chrysanthis,Panos K |                          |
| <b>Class Enrl Cap:</b>                                           |             | 45             | <b>Class Enrl Tot:</b> |                             | 0                        | <b>Class Wait Cap:</b> 20 |                            | <b>Class Wait Tot:</b> 0               | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Combined Section ID:</b> 0881(CS/1555/2055) - CS 2055(#27618) |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Reserve Capacity:</b>                                         |             | 01-OCT-2019    | Pre-CS or Majors       |                             | <b>Reserve Enrl Cap:</b> |                           | 32                         | <b>Reserve Enrl Tot:</b>               | 0                        |
|                                                                  |             | 09-NOV-2019    | Pre-CS or Majors       |                             |                          |                           | 0                          |                                        | 0                        |
| CS                                                               | 1555        | 1110           | 27653                  | DATABASE MANAGEMENT SYSTEMS | Recitation               | 3                         |                            |                                        |                          |
| <b>Bldg:</b>                                                     |             | Sennott Square | <b>Room:</b>           | 06110                       | <b>Days:</b>             | F                         | <b>Time:</b> 17:00 - 17:50 | <b>Instructor:</b> Staff               |                          |
| <b>Class Enrl Cap:</b>                                           |             | 25             | <b>Class Enrl Tot:</b> |                             | 0                        | <b>Class Wait Cap:</b> 20 |                            | <b>Class Wait Tot:</b> 0               | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                |                        |                             |                          |                           |                            |                                        |                          |
| <b>Combined Section ID:</b> 0726(CS/1555/2055) - CS 2055(#27654) |             |                |                        |                             |                          |                           |                            |                                        |                          |

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| Subject               | Catalog Nbr | Section                                   | Class Nbr               | Course Title                | Component           | Units                            | Topics |
|-----------------------|-------------|-------------------------------------------|-------------------------|-----------------------------|---------------------|----------------------------------|--------|
| CS                    | 1555        | 1120                                      | 29594                   | DATABASE MANAGEMENT SYSTEMS | Lecture             | 3                                |        |
| Bldg:                 |             | Wesley W Posvar Hall                      | Room: 01501             | Days: TuTh                  | Time: 17:30 - 18:45 | Instructor: Farnan, Nicholas Leo |        |
| Class Enrl Cap: 70    |             | Class Enrl Tot: 0                         |                         | Class Wait Cap: 20          |                     | Class Wait Tot: 0                |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                     |                                  |        |
| Combined Section ID:  |             | 0984(CS/1555/2055) - CS 2055(#29595)      |                         |                             |                     |                                  |        |
| Reserve Capacity:     |             | 01-OCT-2019                               | Pre-CS or Majors        | Reserve Enrl Cap: 49        |                     | Reserve Enrl Tot:                | 0      |
|                       |             | 09-NOV-2019                               | Pre-CS or Majors        |                             |                     |                                  | 0      |
| CS                    | 1555        | 1125                                      | 29598                   | DATABASE MANAGEMENT SYSTEMS | Recitation          | 3                                |        |
| Bldg:                 |             | Sennott Square                            | Room: 06110             | Days: W                     | Time: 09:00 - 09:50 | Instructor: Staff                |        |
| Class Enrl Cap: 38    |             | Class Enrl Tot: 0                         |                         | Class Wait Cap: 20          |                     | Class Wait Tot: 0                |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                     |                                  |        |
| Combined Section ID:  |             | 0985(CS/1555/2055) - CS 2055(#29597)      |                         |                             |                     |                                  |        |
| CS                    | 1555        | 1130                                      | 29599                   | DATABASE MANAGEMENT SYSTEMS | Recitation          | 3                                |        |
| Bldg:                 |             | Sennott Square                            | Room: 06110             | Days: W                     | Time: 10:00 - 10:50 | Instructor: Staff                |        |
| Class Enrl Cap: 38    |             | Class Enrl Tot: 0                         |                         | Class Wait Cap: 20          |                     | Class Wait Tot: 0                |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                     |                                  |        |
| Combined Section ID:  |             | 0986(CS/1555/2055) - CS 2055(#29600)      |                         |                             |                     |                                  |        |
| CS                    | 1622        | 1200                                      | 26618                   | INTRO TO COMPILER DESIGN    | Lecture             | 3                                |        |
| Bldg:                 |             | Cathedral of Learning                     | Room: 000G8             | Days: TuTh                  | Time: 13:00 - 14:15 | Instructor:                      |        |
| Class Enrl Cap: 40    |             | Class Enrl Tot: 0                         |                         | Class Wait Cap: 20          |                     | Class Wait Tot: 0                |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                     |                                  |        |
| Combined Section ID:  |             | 0024(COE/1622/CS/1622) - COE 1622(#22220) |                         |                             |                     |                                  |        |
| Reserve Capacity:     |             | 01-OCT-2019                               | Pre-CS or Majors        | Reserve Enrl Cap: 28        |                     | Reserve Enrl Tot:                | 0      |
|                       |             | 09-NOV-2019                               | Pre-CS or Majors        |                             |                     |                                  | 0      |
| CS                    | 1632        | 1100                                      | 26433                   | SOFTWARE QUALITY ASSURANCE  | Lecture             | 3                                |        |
| Bldg:                 |             | Sennott Square                            | Room: 05129             | Days: MW                    | Time: 13:00 - 14:15 | Instructor: Ahn, Daniel          |        |
| Class Enrl Cap: 50    |             | Class Enrl Tot: 0                         |                         | Class Wait Cap: 20          |                     | Class Wait Tot: 0                |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                     |                                  |        |
| Reserve Capacity:     |             | 01-OCT-2019                               | Pre-CS or BS or BINF BS | Reserve Enrl Cap: 35        |                     | Reserve Enrl Tot:                | 0      |
|                       |             | 09-NOV-2019                               | Pre-CS or BS or BINF BS |                             |                     |                                  | 0      |

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|-----------------------|-------------|--------------------------------------|-------------------------|--------------------------------|---------------------|------------------------------------|--------|
| CS                    | 1632        | 1120                                 | 26436                   | SOFTWARE QUALITY ASSURANCE     | Lecture             | 3                                  |        |
| Bldg:                 |             | Wesley W Posvar Hall                 | Room: 01501             | Days: MW                       | Time: 11:00 - 12:15 | Instructor: Ahn, Daniel            |        |
| Class Enrl Cap: 75    |             | Class Enrl Tot: 0                    |                         | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                         |                                |                     |                                    |        |
| Reserve Capacity:     |             | 01-OCT-2019                          | Pre-CS or BS or BINF BS | Reserve Enrl Cap: 53           |                     | Reserve Enrl Tot:                  | 0      |
|                       |             | 09-NOV-2019                          | Pre-CS or BS or BINF BS |                                |                     |                                    | 0      |
| CS                    | 1632        | 1130                                 | 28130                   | SOFTWARE QUALITY ASSURANCE     | Lecture             | 3                                  |        |
| Bldg:                 |             | Langley Hall                         | Room: 0A224             | Days: TuTh                     | Time: 17:30 - 18:45 | Instructor: Ahn, Daniel            |        |
| Class Enrl Cap: 50    |             | Class Enrl Tot: 0                    |                         | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                         |                                |                     |                                    |        |
| Reserve Capacity:     |             | 01-OCT-2019                          | Pre-CS or BS or BINF BS | Reserve Enrl Cap: 35           |                     | Reserve Enrl Tot:                  | 0      |
|                       |             | 09-NOV-2019                          | Pre-CS or BS or BINF BS |                                |                     |                                    | 0      |
| CS                    | 1640        | 1030                                 | 26763                   | BIOINFORMATICS SOFTWARE DESIGN | Practicum           | 3                                  |        |
| Bldg:                 |             | Wesley W Posvar Hall                 | Room: 05403             | Days: F                        | Time: 13:00 - 14:50 | Instructor: Laboon, William J      |        |
| Class Enrl Cap: 2     |             | Class Enrl Tot: 0                    |                         | Class Wait Cap: 2              |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                         |                                |                     |                                    |        |
| CS                    | 1656        | 1030                                 | 26769                   | INTRODUCTION TO DATA SCIENCE   | Lecture             | 3                                  |        |
| Bldg:                 |             | Cathedral of Learning                | Room: 00G24             | Days: TuTh                     | Time: 12:30 - 13:45 | Instructor: Labrinidis, Alexandros |        |
| Class Enrl Cap: 70    |             | Class Enrl Tot: 0                    |                         | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                         |                                |                     |                                    |        |
| Combined Section ID:  |             | 0698(CS/1656/2056) - CS 2056(#26772) |                         |                                |                     |                                    |        |
| Reserve Capacity:     |             | 01-OCT-2019                          | Pre-CS or BS or BINF BS | Reserve Enrl Cap: 49           |                     | Reserve Enrl Tot:                  | 0      |
|                       |             | 09-NOV-2019                          | Pre-CS or BS or BINF BS |                                |                     |                                    | 0      |
| CS                    | 1656        | 1040                                 | 26770                   | INTRODUCTION TO DATA SCIENCE   | Recitation          | 3                                  |        |
| Bldg:                 |             | Information Science                  | Room: 00305             | Days: F                        | Time: 10:00 - 10:50 | Instructor: Staff                  |        |
| Class Enrl Cap: 38    |             | Class Enrl Tot: 0                    |                         | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                         |                                |                     |                                    |        |
| Combined Section ID:  |             | 0697(CS/1656/2056) - CS 2056(#26773) |                         |                                |                     |                                    |        |

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|-----------------------|-------------|--------------------------------------|------------------|--------------------------------|----------------------|----------------------------|--------------------------------------|
| CS                    | 1656        | 1050                                 | 26771            | INTRODUCTION TO DATA SCIENCE   | Recitation           | 3                          |                                      |
| Bldg:                 |             | Information Science                  | Room: 00305      | Days: F                        | Time: 11:00 - 11:50  | Instructor: Staff          |                                      |
| Class Enrl Cap: 38    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |
| Combined Section ID:  |             | 0696(CS/1656/2056) - CS 2056(#26774) |                  |                                |                      |                            |                                      |
| CS                    | 1671        | 1010                                 | 31307            | HUMAN LANGUAGE TECHNOLOGIES    | Lecture              | 3                          |                                      |
| Bldg:                 |             | Cathedral of Learning                | Room: 00226      | Days: TuTh                     | Time: 13:00 - 14:15  | Instructor: Litman,Diane J |                                      |
| Class Enrl Cap: 30    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |
| Reserve Capacity:     |             | 01-OCT-2019                          | Pre-CS or Majors |                                | Reserve Enrl Cap: 21 | Reserve Enrl Tot:          | 0                                    |
|                       |             | 09-NOV-2019                          | Pre-CS or Majors |                                | 0                    |                            | 0                                    |
| CS                    | 1675        | 1010                                 | 29610            | INTRO TO MACHINE LEARNING      | Lecture              | 3                          |                                      |
| Bldg:                 |             | Cathedral of Learning                | Room: 00G24      | Days: TuTh                     | Time: 17:30 - 18:45  | Instructor:                |                                      |
| Class Enrl Cap: 75    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |
| Reserve Capacity:     |             | 01-OCT-2019                          | Pre-CS or Majors |                                | Reserve Enrl Cap: 53 | Reserve Enrl Tot:          | 0                                    |
|                       |             | 09-NOV-2019                          | Pre-CS or Majors |                                | 0                    |                            | 0                                    |
| CS                    | 1675        | 1020                                 | 29661            | INTRO TO MACHINE LEARNING      | Recitation           | 3                          |                                      |
| Bldg:                 |             | Sennott Square                       | Room: 05502      | Days: M                        | Time: 11:00 - 11:50  | Instructor: Staff          |                                      |
| Class Enrl Cap: 41    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |
| CS                    | 1675        | 1025                                 | 29662            | INTRO TO MACHINE LEARNING      | Recitation           | 3                          |                                      |
| Bldg:                 |             | Sennott Square                       | Room: 05502      | Days: M                        | Time: 12:00 - 12:50  | Instructor: Staff          |                                      |
| Class Enrl Cap: 41    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |
| CS                    | 1699        | 1115                                 | 27660            | SPEC TOPICS IN COMPUTR SCIENCE | Lecture              | 3                          |                                      |
| Bldg:                 |             | Public Health-Crabtree               | Room: 00G23      | Days: TuTh                     | Time: 15:00 - 16:15  | DEEP LEARNING              | Instructor: Kovashka,Adriana Ivanona |
| Class Enrl Cap: 50    |             | Class Enrl Tot: 0                    |                  | Class Wait Cap: 20             |                      | Class Wait Tot: 0          |                                      |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                  |                                |                      |                            |                                      |

This course will cover the basics of modern deep neural networks. The first part of the course will introduce neural network architectures, activation functions, and operations. It will present different loss functions and describe how training is performed via backpropagation. In the second part, the

course will describe specific types of neural networks, e.g. convolutional, recurrent, and graph networks, as well as their applications in computer vision and natural language processing. The course will also briefly discuss reinforcement learning and unsupervised learning, in the context of neural networks. In addition to attending lectures and completing weekly/bi-weekly homework assignments, students will also carry out and present a project at the end of the course. The final grade will be based on homework (40%), exams (30%), project (25%) and participation (5%). Pre-requisites Math 220 (Calculus I) MATH 0280 Intro to Matrices and Linear Algebra CS 1501 (Algorithm Implementation)

|                                                             |      |                          |       |                                |  |                            |         |                          |
|-------------------------------------------------------------|------|--------------------------|-------|--------------------------------|--|----------------------------|---------|--------------------------|
| CS                                                          | 1699 | 1120                     | 29589 | SPEC TOPICS IN COMPUTR SCIENCE |  |                            | Lecture | 3                        |
| <b>Bldg:</b> Information Science                            |      | <b>Room:</b> 00305       |       | <b>Days:</b> MW                |  | <b>Time:</b> 15:00 - 16:15 |         | THE FUTURE OF CITIES     |
| <b>Instructor:</b> Wood, Stacy E                            |      |                          |       |                                |  |                            |         |                          |
| <b>Class Enrl Cap:</b> 50                                   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20      |  | <b>Class Wait Tot:</b> 0   |         | <b>Class Min Enrl:</b> 0 |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |      |                          |       |                                |  |                            |         |                          |

Anthony Townsend defines smart cities as “places where information technology is combined with infrastructure, architecture, everyday objects, and even our bodies to address social, economic, and environmental problems.”<sup>1</sup> This rather expansive definition includes many past and contemporary projects with enormous investment and enthusiasm behind them, projects seeking to leverage an increasing interdependence on data-centric technologies and practices to change current and future cities. This course examines the historical dimensions of smart cities as both a collective imaginary and a contemporary reality from comparative, transnational and historical perspectives with ethics and values at its core. We will assess the politics and economics of data, the ethics of sensing and monitoring technologies, the environmental impacts of design, and the qualities of cities that make them livable and inclusive. This course affords the opportunity to critically analyze and disassemble the tools of the smart city. We will do this through employing various theoretical tools, research approaches and design methods. **PREREQUISITES:** CS 0445 Data Structures

|                                                             |      |                          |       |                                |  |                            |         |                                           |
|-------------------------------------------------------------|------|--------------------------|-------|--------------------------------|--|----------------------------|---------|-------------------------------------------|
| CS                                                          | 1699 | 1200                     | 26466 | SPEC TOPICS IN COMPUTR SCIENCE |  |                            | Lecture | 3                                         |
| <b>Bldg:</b> Information Science                            |      | <b>Room:</b> 00406       |       | <b>Days:</b> TuTh              |  | <b>Time:</b> 08:00 - 09:15 |         | PRIVACY IN ELECTRONIC SOCIETY             |
|                                                             |      |                          |       |                                |  |                            |         | <b>Instructor:</b> Garrison III,William C |
| <b>Class Enrl Cap:</b> 36                                   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20      |  | <b>Class Wait Tot:</b> 0   |         | <b>Class Min Enrl:</b> 0                  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |      |                          |       |                                |  |                            |         |                                           |

Privacy is an increasingly significant concern in our modern, connected society. We all share personal information on a daily basis with a wide range of organizations. Although at times such sharing can be intentional and beneficial for the user, other times information is shared against the user's will, used for purposes that the user did not expect, revealed to entities other than those approved by the user, or used to infer additional information that the user did not intend to reveal. In this course, students will learn to reason about what information is revealed through the use of computer systems. They will study several different scenarios in which information sharing is either unavoidable or (to some extent) desirable and discuss the balance between the benefits and costs of sharing. Finally, students will learn about several privacy enhancing technologies (PETs), and how these can be put to use by software developers to defend the privacy of their users.

|                                                                                                                             |      |                          |       |                           |            |                          |
|-----------------------------------------------------------------------------------------------------------------------------|------|--------------------------|-------|---------------------------|------------|--------------------------|
| CS                                                                                                                          | 1900 | 1030                     | 26476 | INTERNSHIP                | Internship | 1 - 6                    |
| <b>Bldg:</b> Information Science <b>Room:</b> 00411 <b>Days:</b> F <b>Time:</b> 13:00 - 13:50 <b>Instructor:</b> Ahn,Daniel |      |                          |       |                           |            |                          |
| <b>Class Enrl Cap:</b> 30                                                                                                   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 |            | <b>Class Wait Tot:</b> 0 |
| <b>Attributes:</b> Capstone Course                                                                                          |      |                          |       |                           |            |                          |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                 |      |                          |       |                           |            |                          |

|                        |                 |                        |       |                        |                  |                            |
|------------------------|-----------------|------------------------|-------|------------------------|------------------|----------------------------|
| CS                     | 1902            | 1010                   | 26482 | DIRECTED STUDY         | Directed Studies | 1 - 3                      |
| <b>Bldg:</b>           | TO BE ARRANGED  | <b>Room:</b>           | TBA   | <b>Days:</b>           | TBA              | <b>Time:</b> 00:00 - 00:00 |
| <b>Instructor:</b>     | Ramirez, John C |                        |       |                        |                  |                            |
| <b>Class Enrl Cap:</b> | 5               | <b>Class Enrl Tot:</b> | 0     | <b>Class Wait Cap:</b> | 5                | <b>Class Wait Tot:</b> 0   |
| <b>Class Min Enrl:</b> | 0               |                        |       |                        |                  |                            |

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|-----------------------|-------------|--------------------------------|--------------------------------|-------------------------------|---------------------|---------------------|------------------------------|
| CS                    | 1950        | 1030                           | 26491                          | DIRECTED RESEARCH             | Directed Studies    | 1 - 3               |                              |
| Bldg:                 |             | Information ScienceRoom: 00502 |                                | Days: F                       | Time: 13:00 - 13:50 |                     | Instructor: Ahn,Daniel       |
| Class Enrl Cap: 5     |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 5             |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                               |                     |                     |                              |
| CS                    | 1950        | 1060                           | 28223                          | DIRECTED RESEARCH             | Directed Studies    | 1 - 3               |                              |
| Bldg:                 |             | TO BE ARRANGED                 |                                | Room: TBA                     | Days: TBA           | Time: 00:00 - 00:00 |                              |
| Class Enrl Cap: 5     |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 5             |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| Reserve Capacity:     |             | 01-OCT-2019                    | Restricted to BINF-BS students |                               | Reserve Enrl Cap: 5 | Reserve Enrl Tot: 0 |                              |
| CS                    | 1980        | 1030                           | 26495                          | TEAM PROJECT DESIGN & IMPLMNT | Practicum           | 3                   |                              |
| Bldg:                 |             | Information ScienceRoom: 00404 |                                | Days: F                       | Time: 13:00 - 14:50 |                     | Instructor: Laboon,William J |
| Class Enrl Cap: 52    |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 20            |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                               |                     |                     |                              |
| CS                    | 2000        | 1010                           | 26501                          | MS THESIS RESEARCH            | Thesis Research     | 1 - 6               |                              |
| Bldg:                 |             | TO BE ARRANGED                 |                                | Room: TBA                     | Days: TBA           | Time: 00:00 - 00:00 |                              |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 99            |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| CS                    | 2000        | 1020                           | 26503                          | MS THESIS RESEARCH            | Thesis Research     | 1 - 6               |                              |
| Bldg:                 |             | TO BE ARRANGED                 |                                | Room: TBA                     | Days: TBA           | Time: 00:00 - 00:00 |                              |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 99            |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| CS                    | 2000        | 1030                           | 26504                          | MS THESIS RESEARCH            | Thesis Research     | 1 - 6               |                              |
| Bldg:                 |             | TO BE ARRANGED                 |                                | Room: TBA                     | Days: TBA           | Time: 00:00 - 00:00 |                              |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 99            |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |
| CS                    | 2000        | 1040                           | 26505                          | MS THESIS RESEARCH            | Thesis Research     | 1 - 6               |                              |
| Bldg:                 |             | TO BE ARRANGED                 |                                | Room: TBA                     | Days: TBA           | Time: 00:00 - 00:00 |                              |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0              |                                | Class Wait Cap: 99            |                     | Class Wait Tot: 0   |                              |
| Attributes:           |             | Capstone Course                |                                |                               |                     |                     |                              |

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|-----------------------------|--------------------|--------------------------|---------------------------|----------------------------|--------------------------|---------------------------------------------|---------------|
| CS                          | 2000               | 1050                     | 26506                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht,Milos         |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1060                     | 26509                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                          |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1070                     | 26510                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Kovashka,Adriana Ivanona |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1080                     | 26511                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Labrinidis,Alexandros    |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1090                     | 26512                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lange,John R             |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1100                     | 26513                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lee,Adam J               |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1110                     | 26514                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Litman,Diane J           |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |
| CS                          | 2000               | 1120                     | 26515                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                                       |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Melhem,Rami G            |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |               |

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|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|-------------------------------------|--------|
| CS                          | 2000        | 1130                     | 26516                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Mosse, Daniel    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1140                     | 26519                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hwang, Seong Jae |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1150                     | 26520                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1160                     | 26521                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1170                     | 26522                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Zhang, Youtao    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1180                     | 26523                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1190                     | 26524                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2000        | 1200                     | 26525                     | MS THESIS RESEARCH         | Thesis Research          | 1 - 6                               |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |

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|-----------------------------------------------------------|-------------|----------------|-------------------------------|------------------------------|-----------------|-------------------|---------------------|---------------------------------|-----------------|---|---|-----------------|--|---|
| CS                                                        | 2000        | 1205           | 26526                         | MS THESIS RESEARCH           | Thesis Research | 1 - 6             |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | TO BE ARRANGED | Room:                         | TBA                          | Days:           | TBA               | Time: 00:00 - 00:00 | Instructor: Staff               |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 35             | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| CS                                                        | 2000        | 1210           | 26527                         | MS THESIS RESEARCH           | Thesis Research | 1 - 6             |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | TO BE ARRANGED | Room:                         | TBA                          | Days:           | TBA               | Time: 00:00 - 00:00 | Instructor: Staff               |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 35             | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| CS                                                        | 2002        | 1010           | 26532                         | RESEARCH EXPERNC/COMPUTR SCI | Lecture         | 3                 |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | Sennott Square | Room:                         | 06516                        | Days:           | TuTh              | Time: 15:00 - 16:15 | Instructor:                     |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 18             | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)      |             |                |                               |                              |                 |                   |                     |                                 |                 |   |   |                 |  |   |
| CS                                                        | 2003        | 1200           | 26534                         | COMPUTER SCIENCE COLLOQUIUM  | Colloquium      | 1                 |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | Sennott Square | Room:                         | 05317                        | Days:           | MW                | Time: 15:00 - 16:15 | Instructor: Chrysanthis,Panos K |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 50             | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| CS                                                        | 2055        | 1080           | 27600                         | DATABASE MANAGEMENT SYSTEMS  | Recitation      | 3                 |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | Sennott Square | Room:                         | 05129                        | Days:           | F                 | Time: 13:00 - 13:50 | Instructor: Staff               |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 3              | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)      |             |                |                               |                              |                 |                   |                     |                                 |                 |   |   |                 |  |   |
| Combined Section ID: 0931(cs/1555/2055) - CS 1555(#27599) |             |                |                               |                              |                 |                   |                     |                                 |                 |   |   |                 |  |   |
| CS                                                        | 2055        | 1090           | 27618                         | DATABASE MANAGEMENT SYSTEMS  | Lecture         | 3                 |                     |                                 |                 |   |   |                 |  |   |
| Bldg:                                                     |             | Sennott Square | Room:                         | 05129                        | Days:           | TuTh              | Time: 16:00 - 17:15 | Instructor: Chrysanthis,Panos K |                 |   |   |                 |  |   |
| Class Enrl Cap:                                           |             | 5              | Class Enrl Tot:               |                              | 0               | Class Wait Cap:   |                     | 99                              | Class Wait Tot: |   | 0 | Class Min Enrl: |  | 0 |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)      |             |                |                               |                              |                 |                   |                     |                                 |                 |   |   |                 |  |   |
| Combined Section ID: 0881(CS/1555/2055) - CS 1555(#27617) |             |                |                               |                              |                 |                   |                     |                                 |                 |   |   |                 |  |   |
| Reserve Capacity:                                         |             | 01-OCT-2019    | CS Grads (MS or PHD)-1st Year |                              |                 | Reserve Enrl Cap: | 4                   | Reserve Enrl Tot:               |                 | 0 |   |                 |  |   |
|                                                           |             | 01-OCT-2019    | CS MS/PHD- Year 2 or greater  |                              |                 |                   | 1                   |                                 |                 | 0 |   |                 |  |   |
|                                                           |             | 16-NOV-2019    | CS Grads (MS or PHD)-1st Year |                              |                 |                   | 0                   |                                 |                 | 0 |   |                 |  |   |

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| Subject               | Catalog Nbr | Section                              | Class Nbr                     | Course Title                 | Component         | Units              | Topics              |
|-----------------------|-------------|--------------------------------------|-------------------------------|------------------------------|-------------------|--------------------|---------------------|
| CS                    | 2055        | 1110                                 | 27654                         | DATABASE MANAGEMENT SYSTEMS  | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                       | Room:                         | 06110                        | Days:             | F                  | Time: 17:00 - 17:50 |
| Class Enrl Cap:       |             | 3                                    | Class Enrl Tot:               |                              | 0                 | Class Wait Cap: 99 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                               |                              |                   |                    |                     |
| Combined Section ID:  |             | 0726(CS/1555/2055) - CS 1555(#27653) |                               |                              |                   |                    |                     |
| CS                    | 2055        | 1120                                 | 29595                         | DATABASE MANAGEMENT SYSTEMS  | Lecture           | 3                  |                     |
| Bldg:                 |             | Wesley W Posvar Hall                 | Room:                         | 01501                        | Days:             | TuTh               | Time: 17:30 - 18:45 |
| Class Enrl Cap:       |             | 5                                    | Class Enrl Tot:               |                              | 0                 | Class Wait Cap: 99 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                               |                              |                   |                    |                     |
| Combined Section ID:  |             | 0984(CS/1555/2055) - CS 1555(#29594) |                               |                              |                   |                    |                     |
| Reserve Capacity:     |             | 01-OCT-2019                          | CS Grads (MS or PHD)-1st Year |                              | Reserve Enrl Cap: | 4                  | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                          | CS MS/PHD- Year 2 or greater  |                              |                   | 1                  | 0                   |
|                       |             | 16-NOV-2019                          | CS Grads (MS or PHD)-1st Year |                              |                   | 0                  | 0                   |
| CS                    | 2055        | 1125                                 | 29597                         | DATABASE MANAGEMENT SYSTEMS  | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                       | Room:                         | 06110                        | Days:             | W                  | Time: 09:00 - 09:50 |
| Class Enrl Cap:       |             | 3                                    | Class Enrl Tot:               |                              | 0                 | Class Wait Cap: 99 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                               |                              |                   |                    |                     |
| Combined Section ID:  |             | 0985(CS/1555/2055) - CS 1555(#29598) |                               |                              |                   |                    |                     |
| CS                    | 2055        | 1130                                 | 29600                         | DATABASE MANAGEMENT SYSTEMS  | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                       | Room:                         | 06110                        | Days:             | W                  | Time: 10:00 - 10:50 |
| Class Enrl Cap:       |             | 3                                    | Class Enrl Tot:               |                              | 0                 | Class Wait Cap: 99 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                               |                              |                   |                    |                     |
| Combined Section ID:  |             | 0986(CS/1555/2055) - CS 1555(#29599) |                               |                              |                   |                    |                     |
| CS                    | 2056        | 1030                                 | 26772                         | INTRODUCTION TO DATA SCIENCE | Lecture           | 3                  |                     |
| Bldg:                 |             | Cathedral of Learning                | Room:                         | 00G24                        | Days:             | TuTh               | Time: 12:30 - 13:45 |
| Class Enrl Cap:       |             | 5                                    | Class Enrl Tot:               |                              | 0                 | Class Wait Cap: 99 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)       |                               |                              |                   |                    |                     |
| Combined Section ID:  |             | 0698(CS/1656/2056) - CS 1656(#26769) |                               |                              |                   |                    |                     |
| Reserve Capacity:     |             | 01-OCT-2019                          | CS Grads (MS or PHD)-1st Year |                              | Reserve Enrl Cap: | 4                  | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                          | CS MS/PHD- Year 2 or greater  |                              |                   | 1                  | 0                   |
|                       |             | 16-NOV-2019                          | CS Grads (MS or PHD)-1st Year |                              |                   | 0                  | 0                   |

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| Subject                                                                                                                | Catalog Nbr | Section                  | Class Nbr                     | Course Title                   | Component  | Units                      | Topics |
|------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|-------------------------------|--------------------------------|------------|----------------------------|--------|
| CS                                                                                                                     | 2056        | 1040                     | 26773                         | INTRODUCTION TO DATA SCIENCE   | Recitation | 3                          |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> F <b>Time:</b> 10:00 - 10:50 <b>Instructor:</b> Staff |             |                          |                               |                                |            |                            |        |
| <b>Class Enrl Cap:</b> 3                                                                                               |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                            |             |                          |                               |                                |            |                            |        |
| <b>Combined Section ID:</b> 0697(CS/1656/2056) - CS 1656(#26770)                                                       |             |                          |                               |                                |            |                            |        |
| CS                                                                                                                     | 2056        | 1050                     | 26774                         | INTRODUCTION TO DATA SCIENCE   | Recitation | 3                          |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> F <b>Time:</b> 11:00 - 11:50 <b>Instructor:</b> Staff |             |                          |                               |                                |            |                            |        |
| <b>Class Enrl Cap:</b> 3                                                                                               |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                            |             |                          |                               |                                |            |                            |        |
| <b>Combined Section ID:</b> 0696(CS/1656/2056) - CS 1656(#26771)                                                       |             |                          |                               |                                |            |                            |        |
| CS                                                                                                                     | 2110        | 1010                     | 26535                         | THEORY OF COMPUTATION          | Lecture    | 3                          |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> MW <b>Time:</b> 09:30 - 10:45 <b>Instructor:</b>      |             |                          |                               |                                |            |                            |        |
| <b>Class Enrl Cap:</b> 13                                                                                              |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                            |             |                          |                               |                                |            |                            |        |
| <b>Combined Section ID:</b> 0051(CS 1511/CS 2110) - CS 1511(#26424)                                                    |             |                          |                               |                                |            |                            |        |
| <b>Reserve Capacity:</b>                                                                                               |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 4     |            | <b>Reserve Enrl Tot:</b> 0 |        |
|                                                                                                                        |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  | 9                              |            | 0                          |        |
|                                                                                                                        |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year | 0                              |            | 0                          |        |
| CS                                                                                                                     | 2110        | 1020                     | 30169                         | THEORY OF COMPUTATION          | Recitation | 3                          |        |
| <b>Bldg:</b> TBA <b>Room:</b> TBA <b>Days:</b> TBA <b>Time:</b> TBA <b>Instructor:</b> Staff                           |             |                          |                               |                                |            |                            |        |
| <b>Class Enrl Cap:</b> 13                                                                                              |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                            |             |                          |                               |                                |            |                            |        |
| CS                                                                                                                     | 2150        | 1100                     | 26538                         | DESIGN & ANALYSIS OF ALGORITHM | Lecture    | 3                          |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 05505 <b>Days:</b> MW <b>Time:</b> 13:00 - 14:15 <b>Instructor:</b>           |             |                          |                               |                                |            |                            |        |
| <b>Class Enrl Cap:</b> 25                                                                                              |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |            | <b>Class Wait Tot:</b> 0   |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                            |             |                          |                               |                                |            |                            |        |
| <b>Reserve Capacity:</b>                                                                                               |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 4     |            | <b>Reserve Enrl Tot:</b> 0 |        |
|                                                                                                                        |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  | 21                             |            | 0                          |        |
|                                                                                                                        |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year | 0                              |            | 0                          |        |

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|-----------------------------------------------------------------------------|-------------|--------------------------|-------------------------------|--------------------------------|----------------------------|--------------------------|----------------------------------------|
| CS                                                                          | 2210        | 1010                     | 26541                         | COMPILER DESIGN                | Lecture                    | 3                        |                                        |
| <b>Bldg:</b> Sennott Square                                                 |             | <b>Room:</b> 05313       |                               | <b>Days:</b> MW                | <b>Time:</b> 16:30 - 17:45 |                          | <b>Instructor:</b> Tang,Xulong         |
| <b>Class Enrl Cap:</b> 25                                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0 |                                        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                 |             |                          |                               |                                |                            | <b>Class Min Enrl:</b> 0 |                                        |
| <b>Reserve Capacity:</b>                                                    |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 4     |                            | <b>Reserve Enrl Tot:</b> | 0                                      |
|                                                                             |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  |                                |                            |                          | 0                                      |
|                                                                             |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year |                                |                            |                          | 0                                      |
| CS                                                                          | 2310        | 1080                     | 29611                         | SOFTWARE ENGINEERING           | Lecture                    | 3                        |                                        |
| <b>Bldg:</b> Cathedral of Learning                                          |             | <b>Room:</b> 00349       |                               | <b>Days:</b> TuTh              | <b>Time:</b> 16:00 - 17:15 |                          | <b>Instructor:</b> Chang,Shi-Kuo       |
| <b>Class Enrl Cap:</b> 25                                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0 |                                        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                 |             |                          |                               |                                |                            | <b>Class Min Enrl:</b> 0 |                                        |
| <b>Reserve Capacity:</b>                                                    |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 5     |                            | <b>Reserve Enrl Tot:</b> | 0                                      |
|                                                                             |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  |                                |                            |                          | 0                                      |
|                                                                             |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year |                                |                            |                          | 0                                      |
| CS                                                                          | 2520        | 1010                     | 32149                         | WIDE AREA NETWORKS             | Lecture                    | 3                        |                                        |
| <b>Bldg:</b> Sennott Square                                                 |             | <b>Room:</b> 06516       |                               | <b>Days:</b> Th                | <b>Time:</b> 18:00 - 20:50 |                          | <b>Instructor:</b> Staff               |
| <b>Class Enrl Cap:</b> 16                                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 10      |                            | <b>Class Wait Tot:</b> 0 |                                        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                 |             |                          |                               |                                |                            | <b>Class Min Enrl:</b> 0 |                                        |
| <b>Combined Section ID:</b> 0807(CS/2520/TELCOM/2321) - TELCOM 2321(#32150) |             |                          |                               |                                |                            |                          |                                        |
| <b>Reserve Capacity:</b>                                                    |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 4     |                            | <b>Reserve Enrl Tot:</b> | 0                                      |
|                                                                             |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  |                                |                            |                          | 0                                      |
|                                                                             |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year |                                |                            |                          | 0                                      |
| CS                                                                          | 2550        | 1010                     | 32153                         | PRINCIPLES OF DATABASE SYSTEMS | Lecture                    | 3                        |                                        |
| <b>Bldg:</b> Information Science                                            |             | <b>Room:</b> 00411       |                               | <b>Days:</b> TuTh              | <b>Time:</b> 18:00 - 19:15 |                          | <b>Instructor:</b> Chrysanthis,Panos K |
| <b>Class Enrl Cap:</b> 25                                                   |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0 |                                        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                 |             |                          |                               |                                |                            | <b>Class Min Enrl:</b> 0 |                                        |
| <b>Reserve Capacity:</b>                                                    |             | 01-OCT-2019              | CS Grads (MS or PHD)-1st Year | <b>Reserve Enrl Cap:</b> 4     |                            | <b>Reserve Enrl Tot:</b> | 0                                      |
|                                                                             |             | 01-OCT-2019              | CS MS/PHD- Year 2 or greater  |                                |                            |                          | 0                                      |
|                                                                             |             | 16-NOV-2019              | CS Grads (MS or PHD)-1st Year |                                |                            |                          | 0                                      |

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|-----------------------|-------------|---------------------------------------------|-------------------------------|---------------------|---------------------|--------------------------------------|--------|
| CS                    | 2750        | 1010                                        | 26685                         | MACHINE LEARNING    | Lecture             | 3                                    |        |
| Bldg: Sennott Square  |             | Room: 05313                                 | Days: TuTh                    | Time: 13:00 - 14:15 |                     | Instructor: Hauskrecht,Milos         |        |
| Class Enrl Cap:18     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)              |                               |                     |                     |                                      |        |
| Combined Section ID:  |             | 0109(CS/2750/ISSP/2170) - ISSP 2170(#10630) |                               |                     |                     |                                      |        |
| Reserve Capacity:     |             | 01-OCT-2019                                 | CS Grads (MS or PHD)-1st Year |                     | Reserve Enrl Cap: 4 | Reserve Enrl Tot:                    | 0      |
|                       |             | 01-OCT-2019                                 | CS MS/PHD- Year 2 or greater  |                     | 14                  |                                      | 0      |
|                       |             | 16-NOV-2019                                 | CS Grads (MS or PHD)-1st Year |                     | 0                   |                                      | 0      |
| CS                    | 2770        | 1020                                        | 26789                         | COMPUTER VISION     | Lecture             | 3                                    |        |
| Bldg: Sennott Square  |             | Room: 05129                                 | Days: TuTh                    | Time: 11:00 - 12:15 |                     | Instructor: Kovashka,Adriana Ivanona |        |
| Class Enrl Cap:24     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)              |                               |                     |                     |                                      |        |
| Combined Section ID:  |             | 0860(CS/2770/ISSP/2180) - ISSP 2180(#25708) |                               |                     |                     |                                      |        |
| Reserve Capacity:     |             | 01-OCT-2019                                 | CS Grads (MS or PHD)-1st Year |                     | Reserve Enrl Cap: 4 | Reserve Enrl Tot:                    | 0      |
|                       |             | 01-OCT-2019                                 | CS MS/PHD- Year 2 or greater  |                     | 20                  |                                      | 0      |
|                       |             | 16-NOV-2019                                 | CS Grads (MS or PHD)-1st Year |                     | 0                   |                                      | 0      |
| CS                    | 2900        | 1010                                        | 26552                         | GRADUATE INTERNSHIP | Internship          | 1                                    |        |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                   | Days: TBA                     | Time: 00:00 - 00:00 |                     | Instructor: Tang,Xulong              |        |
| Class Enrl Cap:35     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
|                       |             | Class Min Enrl:0                            |                               |                     |                     |                                      |        |
| CS                    | 2900        | 1020                                        | 26553                         | GRADUATE INTERNSHIP | Internship          | 1                                    |        |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                   | Days: TBA                     | Time: 00:00 - 00:00 |                     | Instructor: Chang,Shi-Kuo            |        |
| Class Enrl Cap:35     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
|                       |             | Class Min Enrl:0                            |                               |                     |                     |                                      |        |
| CS                    | 2900        | 1030                                        | 26554                         | GRADUATE INTERNSHIP | Internship          | 1                                    |        |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                   | Days: TBA                     | Time: 00:00 - 00:00 |                     | Instructor: Childers,Bruce Robert    |        |
| Class Enrl Cap:35     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
|                       |             | Class Min Enrl:0                            |                               |                     |                     |                                      |        |
| CS                    | 2900        | 1040                                        | 26555                         | GRADUATE INTERNSHIP | Internship          | 1                                    |        |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                   | Days: TBA                     | Time: 00:00 - 00:00 |                     | Instructor: Chrysanthis,Panos K      |        |
| Class Enrl Cap:35     |             | Class Enrl Tot:0                            |                               | Class Wait Cap:99   |                     | Class Wait Tot:0                     |        |
|                       |             | Class Min Enrl:0                            |                               |                     |                     |                                      |        |

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|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|---------------------------------------------|--------|
| CS                          | 2900        | 1050                     | 26556                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht,Milos         |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1060                     | 26557                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                          |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1070                     | 26558                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Kovashka,Adriana Ivanona |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1080                     | 26559                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Labrinidis,Alexandros    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1090                     | 26560                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lange,John R             |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1100                     | 26561                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lee,Adam J               |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1110                     | 26565                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Litman,Diane J           |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |
| CS                          | 2900        | 1120                     | 26566                     | GRADUATE INTERNSHIP        | Internship               | 1                                           |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Melhem,Rami G            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                    |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                               | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|-------------------------------------|--------|
| CS                          | 2900        | 1130                     | 26567                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Mosse, Daniel    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1140                     | 26568                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1150                     | 26569                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hwang, Seong Jae |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1160                     | 26570                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1170                     | 26571                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Zhang, Youtao    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1180                     | 26572                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1190                     | 26573                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |
| CS                          | 2900        | 1200                     | 26574                     | GRADUATE INTERNSHIP        | Internship               | 1                                   |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0            |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                                     | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|-------------------------------------------|--------|
| CS                          | 2900        | 1205                     | 26575                     | GRADUATE INTERNSHIP        | Internship               | 1                                         |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2900        | 1210                     | 26577                     | GRADUATE INTERNSHIP        | Internship               | 1                                         |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1010                     | 26588                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                  |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1020                     | 26589                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Chang, Shi-Kuo         |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1030                     | 26590                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Childers, Bruce Robert |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1040                     | 26591                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Chrysanthis, Panos K   |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1050                     | 26592                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht, Milos      |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |
| CS                          | 2910        | 1060                     | 26593                     | MS PROJECT                 | Directed Studies         | 1 - 3                                     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Tang, Xulong           |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                  |        |

|                             |      |                          |                           |                            |                                             |       |
|-----------------------------|------|--------------------------|---------------------------|----------------------------|---------------------------------------------|-------|
| CS                          | 2910 | 1070                     | 26594                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Kovashka,Adriana Ivanona |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1080                     | 26595                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Labrinidis,Alexandros    |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1090                     | 26596                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lange,John R             |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1100                     | 26597                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lee,Adam J               |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1110                     | 26598                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J           |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1120                     | 26599                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Melhem,Rami G            |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1130                     | 26600                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Mosse,Daniel             |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1140                     | 26601                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                          |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |
| CS                          | 2910 | 1150                     | 26602                     | MS PROJECT                 | Directed Studies                            | 1 - 3 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                          |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |

**University of Pittsburgh**  
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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                          | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|------------------------------------|-------|--------|
| CS                          | 2910        | 1160                     | 26603                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                 |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1170                     | 26604                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Zhang,Youtao    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1180                     | 26605                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hwang,Seong Jae |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1190                     | 26606                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1200                     | 26607                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1205                     | 26608                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2910        | 1210                     | 26609                     | MS PROJECT                 | Directed Studies                   | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |
| CS                          | 2990        | 1010                     | 26642                     | INDEPENDENT STUDY          | Independent Study                  | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |       |        |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                                        | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|----------------------------------------------|--------|
| CS                          | 2990        | 1020                     | 26643                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Chang, Shi-Kuo            |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1030                     | 26644                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Childers, Bruce Robert    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1040                     | 26645                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Chrysanthis, Panos K      |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1050                     | 26646                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht, Milos         |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1060                     | 26647                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Tang, Xulong              |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1070                     | 26648                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Kovashka, Adriana Ivanona |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1080                     | 26649                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Labrinidis, Alexandros    |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |
| CS                          | 2990        | 1090                     | 26650                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lange, John R             |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                     |        |

|                             |      |                          |       |                           |                            |                                    |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|------------------------------------|
| CS                          | 2990 | 1100                     | 26651 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lee,Adam J      |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1110                     | 26652 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J  |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1120                     | 26653 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Melhem,Rami G   |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1130                     | 26654 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Mosse,Daniel    |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1140                     | 26663 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                 |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1150                     | 26664 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                 |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1160                     | 26665 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Walker,Erin     |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1170                     | 26666 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Zhang,Youtao    |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |
| CS                          | 2990 | 1180                     | 26667 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                              |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hwang,Seong Jae |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0           |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| <b>Subject</b>              | <b>Catalog Nbr</b> | <b>Section</b>           | <b>Class Nbr</b>          | <b>Course Title</b>                           | <b>Component</b>         | <b>Units</b>                             | <b>Topics</b> |
|-----------------------------|--------------------|--------------------------|---------------------------|-----------------------------------------------|--------------------------|------------------------------------------|---------------|
| CS                          | 2990               | 1190                     | 26668                     | INDEPENDENT STUDY                             | Independent Study        | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Staff                 |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 2990               | 1200                     | 26669                     | INDEPENDENT STUDY                             | Independent Study        | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Staff                 |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 2990               | 1205                     | 26815                     | INDEPENDENT STUDY                             | Independent Study        | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Staff                 |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 2990               | 1210                     | 26670                     | INDEPENDENT STUDY                             | Independent Study        | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Staff                 |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 2990               | 1220                     | 26671                     | INDEPENDENT STUDY                             | Independent Study        | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Staff                 |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 3000               | 1010                     | 26302                     | RESEARCH AND DISSERTATION PHD Thesis Research |                          | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Tang,Xulong           |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 3000               | 1020                     | 26331                     | RESEARCH AND DISSERTATION PHD Thesis Research |                          | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Chang,Shi-Kuo         |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |
| CS                          | 3000               | 1030                     | 26338                     | RESEARCH AND DISSERTATION PHD Thesis Research |                          | 1 - 9                                    |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    |                          | <b>Instructor:</b> Childers,Bruce Robert |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                                               | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |               |

|                             |      |                          |                           |                                               |                                             |
|-----------------------------|------|--------------------------|---------------------------|-----------------------------------------------|---------------------------------------------|
| CS                          | 3000 | 1040                     | 26341                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Chrysanthis,Panos K      |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1050                     | 26343                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Hauskrecht,Milos         |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1060                     | 26345                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1070                     | 26351                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Kovashka,Adriana Ivanona |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1080                     | 26352                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Labrinidis,Alexandros    |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1090                     | 26353                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Lange,John R             |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1100                     | 26357                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Lee,Adam J               |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1110                     | 26359                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Litman,Diane J           |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |
| CS                          | 3000 | 1120                     | 26361                     | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Melhem,Rami G            |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                                  | Component                           | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-----------------------------------------------|-------------------------------------|-------|--------|
| CS                          | 3000        | 1130                     | 26365                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Mosse, Daniel    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1140                     | 26367                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                  |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1150                     | 26370                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                  |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1160                     | 26372                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                  |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1170                     | 26374                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Zhang, Youtao    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1180                     | 26376                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Hwang, Seong Jae |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1190                     | 26378                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Staff            |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |
| CS                          | 3000        | 1200                     | 26381                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                     | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Staff            |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0            |       |        |

**University of Pittsburgh**  
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**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                          | Catalog Nbr | Section           | Class Nbr          | Course Title                                  | Component                    | Units | Topics |
|------------------------------------------------------------------|-------------|-------------------|--------------------|-----------------------------------------------|------------------------------|-------|--------|
| CS                                                               | 3000        | 1205              | 26384              | RESEARCH AND DISSERTATION PHD Thesis Research |                              | 1 - 9 |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00                           | Instructor: Staff            |       |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 | Class Wait Cap: 99 | Class Wait Tot: 0                             | Class Min Enrl: 0            |       |        |
| CS                                                               | 3000        | 1210              | 26387              | RESEARCH AND DISSERTATION PHD Thesis Research |                              | 1 - 9 |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00                           | Instructor: Staff            |       |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 | Class Wait Cap: 99 | Class Wait Tot: 0                             | Class Min Enrl: 0            |       |        |
| CS                                                               | 3551        | 1010              | 32189              | ADV TOPICS IN DISTBD INFOR SYS                | Lecture                      | 3     |        |
| Bldg: Cathedral of Learning                                      |             | Room: 00252       | Days: TuTh         | Time: 16:00 - 17:15                           | Instructor: Babay, Amy E     |       |        |
| Class Enrl Cap: 30                                               |             | Class Enrl Tot: 0 | Class Wait Cap: 99 | Class Wait Tot: 0                             | Class Min Enrl: 0            |       |        |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)             |             |                   |                    |                                               |                              |       |        |
| CS                                                               | 3551        | 1020              | 32190              | ADV TOPICS IN DISTBD INFOR SYS                | Lecture                      | 3     |        |
| Bldg: Sennott Square                                             |             | Room: 05129       | Days: TuTh         | Time: 09:30 - 10:45                           | Instructor: Babay, Amy E     |       |        |
| Class Enrl Cap: 30                                               |             | Class Enrl Tot: 0 | Class Wait Cap: 99 | Class Wait Tot: 0                             | Class Min Enrl: 0            |       |        |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)             |             |                   |                    |                                               |                              |       |        |
| CS                                                               | 3710        | 1010              | 31574              | ADV TOPICS ARTIFICIAL INTELLIGENCE            | Lecture                      | 3     |        |
| Bldg: Sennott Square                                             |             | Room: 06516       | Days: MW           | Time: 16:30 - 17:45                           | Instructor: Hwang, Seong Jae |       |        |
| Class Enrl Cap: 15                                               |             | Class Enrl Tot: 0 | Class Wait Cap: 99 | Class Wait Tot: 0                             | Class Min Enrl: 0            |       |        |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)             |             |                   |                    |                                               |                              |       |        |
| Combined Section ID: 0276(CS/3710/ISSP/3565) - ISSP 3565(#31575) |             |                   |                    |                                               |                              |       |        |

Methods in medical image analysis: This course will cover introductory to advanced topics in medical imaging analysis using methods in statistics, machine learning, and computer vision. Throughout the course, students will implement various methods on real medical imaging data (e.g., MRI, fMRI), see how various problems can be addressed (e.g., finding brain regions associated with disease risk factors), and understand what it means to solve them. By the end of the course, students will be able to identify problems medical imaging analysis, apply appropriate methods from various fields, and derive scientific findings from their analyses. Recommended: Basic knowledge in Linear algebra, Algorithms, and Artificial Intelligence; Basic proficiency in Matlab and Python or Java. Pre-requisites: Data-Structure (CS-0445), or by consent of the instructor.

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                          | Catalog Nbr | Section           | Class Nbr | Course Title                   | Component        | Units                              | Topics |
|------------------------------------------------------------------|-------------|-------------------|-----------|--------------------------------|------------------|------------------------------------|--------|
| CS                                                               | 3750        | 1010              | 31577     | ADV TOPICS IN MACHINE LEARNING | Seminar          | 3                                  |        |
| Bldg: Sennott Square                                             |             | Room: 05313       | Days: Tu  | Time: 09:00 - 11:50            |                  | Instructor: Hauskrecht, Milos      |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)             |             |                   |           |                                |                  |                                    |        |
| Combined Section ID: 0725(CS/3750/ISSP/3535) - ISSP 3535(#31576) |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1010              | 26396     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor: Tang, Xulong           |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1020              | 26398     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor: Chang, Shi-Kuo         |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1030              | 26402     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor: Childers, Bruce Robert |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1040              | 26406     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor: Chrysanthis, Panos K   |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1050              | 26410     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor: Hauskrecht, Milos      |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |
| CS                                                               | 3900        | 1060              | 26413     | PHD DIRECTED STUDY             | Directed Studies | 1 - 9                              |        |
| Bldg: TO BE ARRANGED                                             |             | Room: TBA         | Days: TBA | Time: 00:00 - 00:00            |                  | Instructor:                        |        |
| Class Enrl Cap: 35                                               |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                  | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0                                                |             |                   |           |                                |                  |                                    |        |

**University of Pittsburgh**  
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**Academic Term**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                                   | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|---------------------------------------------|-------|--------|
| CS                          | 3900        | 1070                     | 26414                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Kovashka,Adriana Ivanona |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1080                     | 26417                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Labrinidis,Alexandros    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1090                     | 26419                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lange,John R             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1100                     | 26421                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lee,Adam J               |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1110                     | 26423                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1120                     | 26425                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Melhem,Rami G            |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1130                     | 26427                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Mosse,Daniel             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| CS                          | 3900        | 1140                     | 26428                     | PHD DIRECTED STUDY         | Directed Studies                            | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                          |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject | Catalog Nbr                 | Section                  | Class Nbr                 | Course Title               | Component        | Units                    | Topics |
|---------|-----------------------------|--------------------------|---------------------------|----------------------------|------------------|--------------------------|--------|
| CS      | 3900                        | 1150                     | 26430                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b>       |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1160                     | 26432                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b>       |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1170                     | 26435                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b>       |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1180                     | 26438                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b>       |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1190                     | 26439                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b> Staff |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1200                     | 26441                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b> Staff |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1205                     | 26442                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b> Staff |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |
| CS      | 3900                        | 1210                     | 26444                     | PHD DIRECTED STUDY         | Directed Studies | 1 - 9                    |        |
|         | <b>Bldg:</b> TO BE ARRANGED | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                  | <b>Instructor:</b> Staff |        |
|         | <b>Class Enrl Cap:</b> 35   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   |                  | <b>Class Min Enrl:</b> 0 |        |

**University of Pittsburgh**  
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**Academic Term**

**Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                                            | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|--------------------------------------------------|--------|
| ISSP                        | 2000        | 1010                     | 10479                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Ashley, Kevin D               |        |
| <b>Class Enrl Cap:</b> 30   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1015                     | 22096                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Brusilovsky, Peter Leonid     |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1020                     | 22097                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Cooper, Gregory F             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1025                     | 22098                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Druzdzal, Marek J             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1030                     | 22099                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Ganapathiraju, Madhavi Kumari |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1035                     | 22100                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Gopalakrishnan, Vanathi       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1040                     | 22101                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht, Milos             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2000        | 1045                     | 22102                     | MS RESEARCH                | Thesis Research          | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> He, Daqing                    |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |

|                             |      |                          |       |                           |                            |                                            |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|--------------------------------------------|
| ISSP                        | 2000 | 1050                     | 22103 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hirtle,Stephen C        |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1055                     | 22104 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hwa,Rebecca             |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1060                     | 22105 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lewis,Charles Michael   |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1065                     | 22106 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J          |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1070                     | 22107 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Munro,Paul W            |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1075                     | 22108 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1080                     | 22109 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Schunn,Christian Dieter |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1085                     | 22110 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2000 | 1090                     | 22111 | MS RESEARCH               | Thesis Research            | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Visweswaran,Shyam       |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |

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**Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems**

| Subject               | Catalog Nbr | Section                                   | Class Nbr          | Course Title                   | Component         | Units                                | Topics              |
|-----------------------|-------------|-------------------------------------------|--------------------|--------------------------------|-------------------|--------------------------------------|---------------------|
| ISSP                  | 2000        | 1095                                      | 22112              | MS RESEARCH                    | Thesis Research   | 1 - 9                                |                     |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                 | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor:                          |                     |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                         | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |                     |
| ISSP                  | 2000        | 1100                                      | 22113              | MS RESEARCH                    | Thesis Research   | 1 - 9                                |                     |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                 | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor:                          |                     |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                         | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |                     |
| ISSP                  | 2000        | 1105                                      | 22114              | MS RESEARCH                    | Thesis Research   | 1 - 9                                |                     |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                 | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Jiang,Xia                |                     |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                         | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |                     |
| ISSP                  | 2030        | 1070                                      | 11062              | ADV TOPICS INTELLIGENT SYSTEMS | Seminar           | 1                                    |                     |
| Bldg: TO BE ARRANGED  |             | Room: TBA                                 | Days: F            | Time: 12:30 - 13:55            |                   | Instructor: Litman,Diane J           |                     |
| Class Enrl Cap: 20    |             | Class Enrl Tot: 0                         |                    | Class Wait Cap: 99             |                   | Class Wait Tot: 0                    |                     |
| Reserve Capacity:     |             | 01-OCT-2019                               | ISP MS or PHD      | Reserve Enrl Cap: 20           |                   | Class Min Enrl: 0                    | Reserve Enrl Tot: 0 |
|                       |             | 03-JAN-2020                               | ISP MS or PHD      |                                |                   |                                      | 0                   |
| ISSP                  | 2170        | 1030                                      | 10630              | MACHINE LEARNING               | Lecture           | 3                                    |                     |
| Bldg: Sennott Square  |             | Room: 05313                               | Days: TuTh         | Time: 13:00 - 14:15            |                   | Instructor: Hauskrecht,Milos         |                     |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                         |                    | Class Wait Cap: 99             |                   | Class Wait Tot: 0                    |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                    |                                |                   |                                      |                     |
| Combined Section ID:  |             | 0109(CS/2750/ISSP/2170) - CS 2750(#26685) |                    |                                |                   |                                      |                     |
| Reserve Capacity:     |             | 01-OCT-2019                               | ISP MS or PHD      | Reserve Enrl Cap: 10           |                   | Reserve Enrl Tot: 0                  | 0                   |
|                       |             | 03-JAN-2020                               | ISP MS or PHD      |                                |                   |                                      | 0                   |
| ISSP                  | 2180        | 1020                                      | 25708              | COMPUTER VISION                | Lecture           | 3                                    |                     |
| Bldg: Sennott Square  |             | Room: 05129                               | Days: TuTh         | Time: 11:00 - 12:15            |                   | Instructor: Kovashka,Adriana Ivanona |                     |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                         |                    | Class Wait Cap: 99             |                   | Class Wait Tot: 0                    |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                    |                                |                   |                                      |                     |
| Combined Section ID:  |             | 0860(CS/2770/ISSP/2180) - CS 2770(#26789) |                    |                                |                   |                                      |                     |
| Reserve Capacity:     |             | 01-OCT-2019                               | ISP MS or PHD      | Reserve Enrl Cap: 10           |                   | Reserve Enrl Tot: 0                  | 0                   |
|                       |             | 03-JAN-2020                               | ISP MS or PHD      |                                |                   |                                      | 0                   |

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| Subject               | Catalog Nbr | Section                                      | Class Nbr | Course Title        | Component           | Units               | Topics                         |
|-----------------------|-------------|----------------------------------------------|-----------|---------------------|---------------------|---------------------|--------------------------------|
| ISSP                  | 2430        | 1100                                         | 24730     | SOCIAL COMPUTING    | Lecture             | 3                   |                                |
| Bldg:                 |             | Information ScienceRoom: 00405               |           | Days: W             | Time: 12:00 - 14:50 |                     | Instructor: Anderson,Katharine |
| Class Enrl Cap: 2     |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)               |           |                     |                     |                     |                                |
| Combined Section ID:  |             | 0048(INFSCI/ISSP/2430) - INFSCI 2430(#26673) |           |                     |                     |                     |                                |
| Reserve Capacity:     |             | 01-OCT-2019 ISP MS or PHD                    |           | Reserve Enrl Cap: 2 |                     | Reserve Enrl Tot: 0 |                                |
|                       |             | 03-JAN-2020 ISP MS or PHD                    |           |                     |                     | 0                   |                                |
| ISSP                  | 2900        | 1010                                         | 10631     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |
| ISSP                  | 2900        | 1015                                         | 22077     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |
| ISSP                  | 2900        | 1020                                         | 22078     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |
| ISSP                  | 2900        | 1025                                         | 22079     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |
| ISSP                  | 2900        | 1030                                         | 22080     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |
| ISSP                  | 2900        | 1035                                         | 22081     | GRADUATE INTERNSHIP | Internship          | 1 - 3               |                                |
| Bldg:                 |             | TO BE ARRANGED                               |           | Room: TBA           | Days: TBA           | Time: 00:00 - 00:00 |                                |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                            |           | Class Wait Cap: 99  |                     | Class Wait Tot: 0   |                                |
|                       |             |                                              |           |                     |                     | Class Min Enrl: 0   |                                |

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| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                                    | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|------------------------------------------|--------|
| ISSP                        | 2900        | 1040                     | 22082                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht,Milos      |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1045                     | 22083                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> He,Daqing             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1050                     | 22084                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hirtle,Stephen C      |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1055                     | 22085                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hwa,Rebecca           |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1060                     | 22086                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lewis,Charles Michael |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1065                     | 22087                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Litman,Diane J        |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1070                     | 22088                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Munro,Paul W          |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |
| ISSP                        | 2900        | 1075                     | 22089                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                    |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                 |        |

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|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|--------------------------------------------|--------|
| ISSP                        | 2900        | 1080                     | 22090                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Schunn,Christian Dieter |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2900        | 1085                     | 22091                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                         |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2900        | 1090                     | 22092                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Visweswaran,Shyam       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2900        | 1095                     | 22093                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                         |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2900        | 1100                     | 22094                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                         |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2900        | 1105                     | 22095                     | GRADUATE INTERNSHIP        | Internship               | 1 - 3                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Jiang,Xia               |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2902        | 1010                     | 10008                     | DIRECTED STUDY             | Directed Studies         | 1 - 9                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Ashley,Kevin D          |        |
| <b>Class Enrl Cap:</b> 30   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |
| ISSP                        | 2902        | 1015                     | 10561                     | DIRECTED STUDY             | Directed Studies         | 1 - 9                                      |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                   |        |
| <b>Class Enrl Cap:</b> 30   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                   |        |

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|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------------------------------|-------|--------|
| ISSP                        | 2902        | 1020                     | 22059                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Cooper, Gregory F             |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1025                     | 22060                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Druzdzal, Marek J             |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1030                     | 22061                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Ganapathiraju, Madhavi Kumari |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1035                     | 22062                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Gopalakrishnan, Vanathi       |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1040                     | 22063                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hauskrecht, Milos             |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1045                     | 22064                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He, Daqing                    |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1050                     | 22065                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hirtle, Stephen C             |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |
| ISSP                        | 2902        | 1055                     | 22066                     | DIRECTED STUDY             | Directed Studies                                 | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hwa, Rebecca                  |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |       |        |

|                             |      |                          |       |                           |                            |                                            |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|--------------------------------------------|
| ISSP                        | 2902 | 1060                     | 22067 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lewis,Charles Michael   |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1065                     | 22068 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J          |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1070                     | 22069 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Munro,Paul W            |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1075                     | 22070 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1080                     | 22071 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Schunn,Christian Dieter |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1085                     | 22072 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1090                     | 22073 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Visweswaran,Shyam       |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1095                     | 22074 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |
| ISSP                        | 2902 | 1100                     | 22075 | DIRECTED STUDY            | Directed Studies           | 1 - 9                                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                   |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                | Units                                            | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------|--------------------------------------------------|--------|
| ISSP                        | 2902        | 1105                     | 22076                     | DIRECTED STUDY             | Directed Studies         | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                         |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1010                     | 10009                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Ashley, Kevin D               |        |
| <b>Class Enrl Cap:</b> 30   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1015                     | 22134                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Brusilovsky, Peter Leonid     |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1020                     | 22135                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Cooper, Gregory F             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1025                     | 22136                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Druzdzel, Marek J             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1030                     | 22137                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Ganapathiraju, Madhavi Kumari |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1035                     | 22138                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Gopalakrishnan, Vanathi       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| ISSP                        | 2990        | 1040                     | 22139                     | INDEPENDENT STUDY          | Independent Study        | 1 - 9                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Hauskrecht, Milos             |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |

|                             |      |                          |       |                           |                            |                                             |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|---------------------------------------------|
| ISSP                        | 2990 | 1045                     | 22140 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wagner,Michael M         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1050                     | 22141 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hirtle,Stephen C         |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1055                     | 22142 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hwa,Rebecca              |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1060                     | 22143 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lewis,Charles Michael    |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1065                     | 22144 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Litman,Diane J           |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1070                     | 22145 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Munro,Paul W             |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1075                     | 22146 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Batmanghelich,Nematollah |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1080                     | 22147 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Cohn,Jeffrey F           |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| ISSP                        | 2990 | 1085                     | 22148 | INDEPENDENT STUDY         | Independent Study          | 1 - 9                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Chikina,Maria D          |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                                  | Component                                   | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-----------------------------------------------|---------------------------------------------|-------|--------|
| ISSP                        | 2990        | 1090                     | 22149                     | INDEPENDENT STUDY                             | Independent Study                           | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Visweswaran,Shyam        |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 2990        | 1095                     | 22150                     | INDEPENDENT STUDY                             | Independent Study                           | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Wu,Shandong              |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 2990        | 1100                     | 22151                     | INDEPENDENT STUDY                             | Independent Study                           | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Lu,Xinghua               |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 2990        | 1105                     | 22152                     | INDEPENDENT STUDY                             | Independent Study                           | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Jiang,Xia                |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 2990        | 1110                     | 22641                     | INDEPENDENT STUDY                             | Independent Study                           | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Hochheiser,Harry Stewart |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 3000        | 1010                     | 10010                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                             | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Ashley,Kevin D           |       |        |
| <b>Class Enrl Cap:</b> 30   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 3000        | 1015                     | 22115                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                             | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Brusilovsky,Peter Leonid |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |
| ISSP                        | 3000        | 1020                     | 22116                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                             | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Cooper,Gregory F         |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0                    |       |        |

|                             |      |                          |       |                                               |                            |
|-----------------------------|------|--------------------------|-------|-----------------------------------------------|----------------------------|
| ISSP                        | 3000 | 1025                     | 22117 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1030                     | 22118 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1035                     | 22119 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1040                     | 22120 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1045                     | 22121 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1050                     | 22122 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1055                     | 22123 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1060                     | 22124 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |
| ISSP                        | 3000 | 1065                     | 22125 | RESEARCH AND DISSERTATION PHD Thesis Research | 1 - 9                      |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA                              | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> 10   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99                     | <b>Class Wait Tot:</b> 0   |
|                             |      |                          |       | <b>Class Min Enrl:</b> 0                      |                            |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                                  | Component                            | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-----------------------------------------------|--------------------------------------|-------|--------|
| ISSP                        | 3000        | 1070                     | 22126                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Munro,Paul W      |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1075                     | 22127                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Lu,Xinghua        |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1080                     | 22128                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Lu,Xinghua        |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1085                     | 22129                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Tsui,Fu-Chiang    |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1090                     | 22130                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Visweswaran,Shyam |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1095                     | 22131                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                   |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1100                     | 22132                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b>                   |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |
| ISSP                        | 3000        | 1105                     | 22133                     | RESEARCH AND DISSERTATION PHD Thesis Research |                                      | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                    | <b>Instructor:</b> Jiang,Xia         |       |        |
| <b>Class Enrl Cap:</b> 10   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                      | <b>Class Min Enrl:</b> 0             |       |        |

Sch Computing and Information - Intelligent Systems - Subject: Intelligent Systems

| Subject                                                               | Catalog Nbr | Section                  | Class Nbr     | Course Title                   | Component                  | Units                                | Topics |
|-----------------------------------------------------------------------|-------------|--------------------------|---------------|--------------------------------|----------------------------|--------------------------------------|--------|
| ISSP                                                                  | 3535        | 1010                     | 31576         | ADV TOPICS IN MACHINE LEARNING | Seminar                    | 3                                    |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 05313       |               | <b>Days:</b> Tu                | <b>Time:</b> 09:00 - 11:50 | <b>Instructor:</b> Hauskrecht, Milos |        |
| <b>Class Enrl Cap:</b> 5                                              |             | <b>Class Enrl Tot:</b> 0 |               | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0             |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |               |                                |                            |                                      |        |
| <b>Combined Section ID:</b> 0725(CS/3750/ISSP/3535) - CS 3750(#31577) |             |                          |               |                                |                            |                                      |        |
| <b>Reserve Capacity:</b>                                              |             | 01-OCT-2019              | ISP MS or PHD | <b>Reserve Enrl Cap:</b> 5     |                            | <b>Reserve Enrl Tot:</b>             | 0      |
|                                                                       |             | 03-JAN-2020              | ISP MS or PHD |                                |                            |                                      | 0      |
| ISSP                                                                  | 3565        | 1010                     | 31575         | ADV TOPICS ARTIFICL INTELLGNC  | Lecture                    | 3                                    |        |
| <b>Bldg:</b> Sennott Square                                           |             | <b>Room:</b> 06516       |               | <b>Days:</b> MW                | <b>Time:</b> 16:30 - 17:45 | <b>Instructor:</b> Hwang, Seong Jae  |        |
| <b>Class Enrl Cap:</b> 3                                              |             | <b>Class Enrl Tot:</b> 0 |               | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0             |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)           |             |                          |               |                                |                            |                                      |        |
| <b>Combined Section ID:</b> 0276(CS/3710/ISSP/3565) - CS 3710(#31574) |             |                          |               |                                |                            |                                      |        |
| <b>Reserve Capacity:</b>                                              |             | 01-OCT-2019              | ISP MS or PHD | <b>Reserve Enrl Cap:</b> 3     |                            | <b>Reserve Enrl Tot:</b>             | 0      |
|                                                                       |             | 03-JAN-2020              | ISP MS or PHD |                                |                            |                                      | 0      |

| Subject | Catalog Nbr                  | Section                                           | Class Nbr                | Course Title                    | Component                  | Units | Topics                                 |
|---------|------------------------------|---------------------------------------------------|--------------------------|---------------------------------|----------------------------|-------|----------------------------------------|
| INFSCI  | 0010                         | 1025                                              | 26453                    | INTRO TO INFORM, SYS & SOCIETY  | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | Cathedral of Learning                             | <b>Room:</b> 00332       | <b>Days:</b> Tu                 | <b>Time:</b> 15:00 - 17:30 |       | <b>Instructor:</b> Perkoski, Robert R  |
|         | <b>Class Enrl Cap:</b> 90    |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Attributes:</b>           | DSAS Quant.-Formal Reason General Ed. Requirement |                          |                                 |                            |       |                                        |
|         | <b>Room Characteristics:</b> | PeopleSoft - Scheduled (PS)(1)                    |                          |                                 |                            |       |                                        |
| INFSCI  | 0014                         | 8715                                              | 28393                    | CYBERSECURITY AND THE LAW       | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | TO BE ARRANGED                                    | <b>Room:</b> TBA         | <b>Days:</b> TBA                | <b>Time:</b> 00:00 - 00:00 |       | <b>Instructor:</b> Staff               |
|         | <b>Class Enrl Cap:</b> 9999  |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0        | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Attributes:</b>           | College In High School                            |                          |                                 |                            |       |                                        |
| INFSCI  | 0419                         | 1010                                              | 31218                    | PYTHON FOR DATA MGT & ANALYTICS | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | Information Science                               | <b>Room:</b> 00403       | <b>Days:</b> Tu                 | <b>Time:</b> 12:00 - 14:30 |       | <b>Instructor:</b> Babichenko, Dmitriy |
|         | <b>Class Enrl Cap:</b> 45    |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Room Characteristics:</b> | PeopleSoft - Scheduled (PS)(1)                    |                          |                                 |                            |       |                                        |
| INFSCI  | 1022                         | 1150                                              | 26639                    | DATABASE MANAGEMENT SYSTEMS     | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | Information Science                               | <b>Room:</b> 00404       | <b>Days:</b> W                  | <b>Time:</b> 12:00 - 14:30 |       | <b>Instructor:</b> Perkoski, Robert R  |
|         | <b>Class Enrl Cap:</b> 45    |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Room Characteristics:</b> | PeopleSoft - Scheduled (PS)(1)                    |                          |                                 |                            |       |                                        |
| INFSCI  | 1023                         | 1100                                              | 29720                    | INNOVATION & ENTREPRN IN IT     | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | Information Science                               | <b>Room:</b> 00411       | <b>Days:</b> Th                 | <b>Time:</b> 14:00 - 16:25 |       | <b>Instructor:</b> Staff               |
|         | <b>Class Enrl Cap:</b> 32    |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Attributes:</b>           | SCI Expression: Communication General Ed. Req.    |                          |                                 |                            |       |                                        |
|         | <b>Room Characteristics:</b> | PeopleSoft - Scheduled (PS)(1)                    |                          |                                 |                            |       |                                        |
| INFSCI  | 1024                         | 1060                                              | 26660                    | ANALYSIS OF INFORMTN SYSTEMS    | Lecture                    | 3     |                                        |
|         | <b>Bldg:</b>                 | Information Science                               | <b>Room:</b> 00405       | <b>Days:</b> Tu                 | <b>Time:</b> 15:00 - 17:30 |       | <b>Instructor:</b> Mitchell, Leona     |
|         | <b>Class Enrl Cap:</b> 45    |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20       | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0               |
|         | <b>Room Characteristics:</b> | PeopleSoft - Scheduled (PS)(1)                    |                          |                                 |                            |       |                                        |

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                                                                                                                                                                                                                                                                          | Catalog Nbr | Section | Class Nbr | Course Title                   | Component | Units | Topics |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|--------------------------------|-----------|-------|--------|
| INFSCI                                                                                                                                                                                                                                                                           | 1027        | 1010    | 27025     | PROJECT MANAGEMENT             | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00501 <b>Days:</b> W <b>Time:</b> 15:00 - 17:30 <b>Instructor:</b> Mitchell, Leona                                                                                                                                                 |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 35 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                    |             |         |           |                                |           |       |        |
| INFSCI                                                                                                                                                                                                                                                                           | 1040        | 1010    | 28699     | INTRODUCTION TO DATA ANALYTICS | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00404 <b>Days:</b> Tu <b>Time:</b> 11:00 - 13:30 <b>Instructor:</b> Pelechrinis, Konstantinos                                                                                                                                      |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 48 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                    |             |         |           |                                |           |       |        |
| INFSCI                                                                                                                                                                                                                                                                           | 1044        | 1040    | 26710     | HUMAN FACTORS IN SYSTEM DESIGN | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00404 <b>Days:</b> W <b>Time:</b> 15:00 - 17:50 <b>Instructor:</b> Hirtle, Stephen C                                                                                                                                               |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 50 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                    |             |         |           |                                |           |       |        |
| INFSCI                                                                                                                                                                                                                                                                           | 1070        | 1050    | 26767     | INTRO TO TELCOM & NETWORKS     | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> MW <b>Time:</b> 11:00 - 12:15 <b>Instructor:</b> Weiss, Martin B                                                                                                                                                |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 45 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Combined Section ID:</b> 0674(INFSCI/1070/TELCOM/2000) - TELCOM 2000(#26768)                                                                |             |         |           |                                |           |       |        |
| INFSCI                                                                                                                                                                                                                                                                           | 1071        | 1030    | 26751     | APPLICATIONS OF NETWORKS       | Lecture   | 3     |        |
| <b>Bldg:</b> Lawrence Hall <b>Room:</b> 00106 <b>Days:</b> Th <b>Time:</b> 13:00 - 15:30 <b>Instructor:</b> Pelechrinis, Konstantinos                                                                                                                                            |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 20 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0963(INFSCI/1071/TELCOM/2310) - TELCOM 2310(#26752) |             |         |           |                                |           |       |        |
| INFSCI                                                                                                                                                                                                                                                                           | 1072        | 1010    | 28700     | INTRO TO WIRELESS NETWORKS     | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00406 <b>Days:</b> TuTh <b>Time:</b> 10:00 - 11:15 <b>Instructor:</b> Tipper, David Warren                                                                                                                                         |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 20 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0974(INFSCI/1072/TELCOM/2700) - TELCOM 2700(#28701) |             |         |           |                                |           |       |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject               | Catalog Nbr | Section                                                                  | Class Nbr   | Course Title                   | Component           | Units                              | Topics |
|-----------------------|-------------|--------------------------------------------------------------------------|-------------|--------------------------------|---------------------|------------------------------------|--------|
| INFSCI                | 1075        | 1030                                                                     | 26714       | NETWORK SECURITY               | Lecture             | 3                                  |        |
| Bldg:                 |             | Information Science                                                      | Room: 00406 | Days: Tu                       | Time: 18:00 - 20:30 | Instructor: Staff                  |        |
| Class Enrl Cap: 32    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                                           |             |                                |                     |                                    |        |
| Class Min Enrl: 0     |             |                                                                          |             |                                |                     |                                    |        |
| INFSCI                | 1079        | 1060                                                                     | 26627       | COMPUTER NETWORKING LABORATORY | Lecture             | 3                                  |        |
| Bldg:                 |             | Information Science                                                      | Room: 00831 | Days: Tu                       | Time: 15:00 - 17:50 | Instructor:                        |        |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 10             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             | Combined Section ID: 0035(INFSCI/1079/TELCOM/2010) - TELCOM 2010(#26628) |             |                                |                     |                                    |        |
| INFSCI                | 1079        | 1065                                                                     | 26782       | COMPUTER NETWORKING LABORATORY | Lecture             | 3                                  |        |
| Bldg:                 |             | Information Science                                                      | Room: 00831 | Days: M                        | Time: 12:00 - 14:50 | Instructor:                        |        |
| Class Enrl Cap: 10    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 10             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             | Combined Section ID: 0743(INFSCI/1079/TELCOM/2010) - TELCOM 2010(#26783) |             |                                |                     |                                    |        |
| INFSCI                | 1080        | 1010                                                                     | 26715       | INDEPENDENT STUDY              | Independent Study   | 1 - 3                              |        |
| Bldg:                 |             | TO BE ARRANGED                                                           | Room: TBA   | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Babichenko,Dmitriy     |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             |                                                                          |             |                                |                     |                                    |        |
| INFSCI                | 1080        | 1040                                                                     | 26716       | INDEPENDENT STUDY              | Independent Study   | 1 - 3                              |        |
| Bldg:                 |             | TO BE ARRANGED                                                           | Room: TBA   | Days: TBA                      | Time: 12:00 - 12:00 | Instructor: Perkoski,Robert R      |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             |                                                                          |             |                                |                     |                                    |        |
| INFSCI                | 1080        | 1050                                                                     | 26717       | INDEPENDENT STUDY              | Independent Study   | 1 - 3                              |        |
| Bldg:                 |             | TO BE ARRANGED                                                           | Room: TBA   | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff                  |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             |                                                                          |             |                                |                     |                                    |        |
| INFSCI                | 1080        | 1060                                                                     | 26718       | INDEPENDENT STUDY              | Independent Study   | 1 - 3                              |        |
| Bldg:                 |             | TO BE ARRANGED                                                           | Room: TBA   | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Abdelhakim,Mai Mahmoud |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                                        |             | Class Wait Cap: 20             |                     | Class Wait Tot: 0                  |        |
| Class Min Enrl: 0     |             |                                                                          |             |                                |                     |                                    |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                            | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------------------|-------|--------|
| INFSCI                      | 1080        | 1070                     | 26719                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1080                     | 26720                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 12:00 - 12:00 | <b>Instructor:</b> Karimi,Hassan Ali |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1090                     | 26721                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1100                     | 26722                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 12:00 - 12:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1110                     | 26723                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 12:00 - 12:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1120                     | 26724                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1130                     | 26725                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |
| INFSCI                      | 1080        | 1140                     | 26726                     | INDEPENDENT STUDY          | Independent Study                    | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |       |        |

|                             |      |                   |       |                             |                     |                                                          |
|-----------------------------|------|-------------------|-------|-----------------------------|---------------------|----------------------------------------------------------|
| INFSCI                      | 1080 | 1160              | 26727 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1170              | 26729 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1180              | 26728 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1190              | 26730 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1200              | 26731 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1210              | 26732 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Staff                                        |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1080 | 1215              | 26733 | INDEPENDENT STUDY           | Independent Study   | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Thaw, David Bernard                          |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| INFSCI                      | 1081 | 1010              | 28099 | TEAM-BASED CAPSTONE PROJECT | Directed Studies    | 1 - 3                                                    |
| Bldg: TO BE ARRANGED        |      | Room: TBA         |       | Days: TBA                   | Time: 00:00 - 00:00 | Instructor: Babichenko, Dmitriy<br>Booth, Kayla Michelle |
| Class Enrl Cap: 35          |      | Class Enrl Tot: 0 |       | Class Wait Cap: 20          | Class Wait Tot: 0   | Class Min Enrl: 0                                        |
| Attributes: Capstone Course |      |                   |       |                             |                     |                                                          |

| Subject                                                                                                                                                                                         | Catalog Nbr | Section                          | Class Nbr | Course Title                  | Component         | Units                      | Topics                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|-----------|-------------------------------|-------------------|----------------------------|----------------------------------------------------|
| INFSCI                                                                                                                                                                                          | 1082        | 1010                             | 28043     | INFORMATION SCI COOPV PROGRAM | Independent Study | 1                          |                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |             | <b>Room:</b> TBA                 |           | <b>Days:</b> TBA              |                   | <b>Time:</b> 00:00 - 00:00 |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   |                            | <b>Instructor:</b> Mitchell, Leona Singh, Alka     |
| <b>Class Enrl Cap:</b> 999                                                                                                                                                                      |             | <b>Class Enrl Tot:</b> 0         |           | <b>Class Wait Cap:</b> 20     |                   | <b>Class Wait Tot:</b> 0   |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   | <b>Class Min Enrl:</b> 0   |                                                    |
| This class has an additional fee. For more information go to <a href="http://www.registrar.pitt.edu">www.registrar.pitt.edu</a> , and click on Service Areas, then Special Course Related Fees. |             |                                  |           |                               |                   |                            |                                                    |
| INFSCI                                                                                                                                                                                          | 1085        | 1015                             | 26734     | INTERNSHIP                    | Practicum         | 3                          |                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |             | <b>Room:</b> TBA                 |           | <b>Days:</b> TBA              |                   | <b>Time:</b> 00:00 - 00:00 |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   |                            | <b>Instructor:</b> Mitchell, Leona Singh, Alka     |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |             | <b>Class Enrl Tot:</b> 0         |           | <b>Class Wait Cap:</b> 20     |                   | <b>Class Wait Tot:</b> 0   |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   | <b>Class Min Enrl:</b> 0   |                                                    |
| INFSCI                                                                                                                                                                                          | 1091        | 1010                             | 31217     | SPECIAL TOPICS: BEHAVIORAL    | Lecture           | 3                          |                                                    |
| <b>Bldg:</b> Information Science                                                                                                                                                                |             | <b>Room:</b> 00411               |           | <b>Days:</b> W                |                   | <b>Time:</b> 12:00 - 14:30 |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   |                            | <b>Instructor:</b> Babichenko, Dmitriy             |
| <b>Class Enrl Cap:</b> 30                                                                                                                                                                       |             | <b>Class Enrl Tot:</b> 0         |           | <b>Class Wait Cap:</b> 20     |                   | <b>Class Wait Tot:</b> 0   |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   | <b>Class Min Enrl:</b> 0   |                                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                     |             |                                  |           |                               |                   |                            |                                                    |
| INFSCI                                                                                                                                                                                          | 2170        | 1100                             | 26677     | CRYPTOGRAPHY                  | Lecture           | 3                          |                                                    |
| <b>Bldg:</b> Cathedral of Learning                                                                                                                                                              |             | <b>Room:</b> 00332               |           | <b>Days:</b> TuTh             |                   | <b>Time:</b> 13:00 - 14:15 |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   |                            | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |
| <b>Class Enrl Cap:</b> 25                                                                                                                                                                       |             | <b>Class Enrl Tot:</b> 0         |           | <b>Class Wait Cap:</b> 99     |                   | <b>Class Wait Tot:</b> 0   |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   | <b>Class Min Enrl:</b> 0   |                                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                     |             |                                  |           |                               |                   |                            |                                                    |
| <b>Combined Section ID:</b> 0088(INFSCI/2170/TELCOM/2820) - TELCOM 2820(#26678)                                                                                                                 |             |                                  |           |                               |                   |                            |                                                    |
| <b>Reserve Capacity:</b>                                                                                                                                                                        |             | 01-OCT-2019 IS PhD Students only |           | <b>Reserve Enrl Cap:</b> 10   |                   | <b>Reserve Enrl Tot:</b> 0 |                                                    |
|                                                                                                                                                                                                 |             | 03-JAN-2020 IS PhD Students only |           |                               |                   | 0                          |                                                    |
| INFSCI                                                                                                                                                                                          | 2300        | 1200                             | 26737     | HUMAN INFORMATION PROCESSING  | Lecture           | 3                          |                                                    |
| <b>Bldg:</b> Information Science                                                                                                                                                                |             | <b>Room:</b> 00403               |           | <b>Days:</b> Th               |                   | <b>Time:</b> 12:00 - 14:50 |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   |                            | <b>Instructor:</b> Hirtle, Stephen C               |
| <b>Class Enrl Cap:</b> 60                                                                                                                                                                       |             | <b>Class Enrl Tot:</b> 0         |           | <b>Class Wait Cap:</b> 99     |                   | <b>Class Wait Tot:</b> 0   |                                                    |
|                                                                                                                                                                                                 |             |                                  |           |                               |                   | <b>Class Min Enrl:</b> 0   |                                                    |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                     |             |                                  |           |                               |                   |                            |                                                    |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                   | Catalog Nbr | Section                                    | Class Nbr            | Course Title                 | Component                            | Units            | Topics |
|---------------------------|-------------|--------------------------------------------|----------------------|------------------------------|--------------------------------------|------------------|--------|
| INFSCI                    | 2410        | 1250                                       | 26739                | INTRO TO NEURAL NETWORKS     | Lecture                              | 3                |        |
| Bldg: Lawrence Hall       |             | Room: 00121                                | Days: W              | Time: 15:00 - 17:50          | Instructor: Munro,Paul W             |                  |        |
| Class Enrl Cap:105        |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)             |                      |                              |                                      |                  |        |
| Reserve Capacity:         |             | 01-OCT-2019                                | IS PhD Students only | Reserve Enrl Cap: 10         | Reserve Enrl Tot:                    | 0                |        |
|                           |             | 03-JAN-2020                                | IS PhD Students only | 0                            |                                      | 0                |        |
| INFSCI                    | 2430        | 1100                                       | 26673                | SOCIAL COMPUTING             | Lecture                              | 3                |        |
| Bldg: Information Science |             | Room: 00405                                | Days: W              | Time: 12:00 - 14:50          | Instructor: Anderson,Katharine       |                  |        |
| Class Enrl Cap:30         |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)             |                      |                              |                                      |                  |        |
| Combined Section ID:      |             | 0048(INFSCI/ISSP/2430) - ISSP 2430(#24730) |                      |                              |                                      |                  |        |
| INFSCI                    | 2440        | 1010                                       | 28738                | ARTIFICIAL INTELLIGENCE      | Lecture                              | 3                |        |
| Bldg: Information Science |             | Room: 00405                                | Days: Tu             | Time: 12:00 - 14:50          | Instructor: He,Daqing                |                  |        |
| Class Enrl Cap:40         |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)             |                      |                              |                                      |                  |        |
| INFSCI                    | 2470        | 1030                                       | 26740                | INTERACTIVE SYSTEM DESIGN    | Lecture                              | 3                |        |
| Bldg: Information Science |             | Room: 00405                                | Days: M              | Time: 12:00 - 14:50          | Instructor: Brusilovsky,Peter Leonid |                  |        |
| Class Enrl Cap:50         |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)             |                      |                              |                                      |                  |        |
| INFSCI                    | 2480        | 1010                                       | 31234                | ADAPTIVE INFORMATION SYSTEMS | Lecture                              | 3                |        |
| Bldg: Information Science |             | Room: 00406                                | Days: Tu             | Time: 15:00 - 17:50          | Instructor: Brusilovsky,Peter Leonid |                  |        |
| Class Enrl Cap:35         |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |
| Room Characteristics:     |             | PeopleSoft - Scheduled (PS)(1)             |                      |                              |                                      |                  |        |
| INFSCI                    | 2560        | 1080                                       | 26743                | WEB TECHNOLOGIES & STANDARDS | Lecture                              | 3                |        |
| Bldg: TBA                 |             | Room: TBA                                  | Days: Th             | Time: 09:00 - 11:50          | Instructor: Burton,Matthew C         |                  |        |
| Class Enrl Cap:65         |             | Class Enrl Tot:0                           |                      | Class Wait Cap:99            | Class Wait Tot:0                     | Class Min Enrl:0 |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject               | Catalog Nbr | Section                                             | Class Nbr            | Course Title               | Component            | Units                                     | Topics |
|-----------------------|-------------|-----------------------------------------------------|----------------------|----------------------------|----------------------|-------------------------------------------|--------|
| INFSCI                | 2591        | 1030                                                | 27030                | ALGORITHM DESIGN           | Lecture              | 3                                         |        |
| Bldg:                 |             | Information Science                                 | Room: 00403          | Days: M                    | Time: 18:00 - 20:50  | Instructor: Staff                         |        |
| Class Enrl Cap: 75    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |                      |                            |                      |                                           |        |
| Reserve Capacity:     |             | 01-OCT-2019                                         | IS PhD Students only |                            | Reserve Enrl Cap: 10 | Reserve Enrl Tot:                         | 0      |
|                       |             | 03-JAN-2020                                         | IS PhD Students only |                            | 0                    |                                           | 0      |
| INFSCI                | 2595        | 1010                                                | 28698                | MACHINE LEARNING           | Lecture              | 3                                         |        |
| Bldg:                 |             | Victoria Building                                   | Room: 00115          | Days: W                    | Time: 12:00 - 14:50  | Instructor:                               |        |
| Class Enrl Cap: 65    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |                      |                            |                      |                                           |        |
| INFSCI                | 2711        | 1030                                                | 26794                | ADV TOPICS IN DATABASE MGT | Lecture              | 3                                         |        |
| Bldg:                 |             | Information Science                                 | Room: 00403          | Days: W                    | Time: 12:00 - 14:50  | Instructor: Zadorozny,Vladimir Iosifovich |        |
| Class Enrl Cap: 74    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |                      |                            |                      |                                           |        |
| Combined Section ID:  |             | 0957(INFSCI/2711/TELCOM/2326) - TELCOM 2326(#26795) |                      |                            |                      |                                           |        |
| Reserve Capacity:     |             | 01-OCT-2019                                         | IS PhD Students only |                            | Reserve Enrl Cap: 10 | Reserve Enrl Tot:                         | 0      |
|                       |             | 03-JAN-2020                                         | IS PhD Students only |                            | 0                    |                                           | 0      |
| INFSCI                | 2750        | 1060                                                | 30180                | CLOUD COMPUTING            | Lecture              | 3                                         |        |
| Bldg:                 |             | Information Science                                 | Room: 00404          | Days: M                    | Time: 15:00 - 17:50  | Instructor: Palanisamy,Balaji             |        |
| Class Enrl Cap: 60    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |                      |                            |                      |                                           |        |
| INFSCI                | 2750        | 1100                                                | 26303                | CLOUD COMPUTING            | Lecture              | 3                                         |        |
| Bldg:                 |             | Information Science                                 | Room: 00305          | Days: Tu                   | Time: 15:00 - 17:50  | Instructor: Palanisamy,Balaji             |        |
| Class Enrl Cap: 60    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
|                       |             |                                                     |                      |                            |                      | Class Min Enrl: 0                         |        |
| INFSCI                | 2809        | 1220                                                | 29591                | SPATIAL DATA ANALYTICS     | Lecture              | 3                                         |        |
| Bldg:                 |             | Information Science                                 | Room: 00404          | Days: Th                   | Time: 12:00 - 14:50  | Instructor: Karimi,Hassan Ali             |        |
| Class Enrl Cap: 50    |             | Class Enrl Tot: 0                                   |                      | Class Wait Cap: 99         |                      | Class Wait Tot: 0                         |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |                      |                            |                      |                                           |        |

This course covers spatial data analytics topics which are fundamentally different than the topics usually covered in data analytics and data mining courses. In data analytics and data mining courses typically techniques for analyzing data from various types and applications are covered, whereas in this course the focus is on techniques for analyzing spatial data which, due to their unique characteristics, cannot be analyzed by common techniques used for

analyzing non-spatial data. Topics covered include spatial data types and characteristics, spatial point pattern analysis, area objects and spatial autocorrelation, local statistics, and map overlay and new approaches to spatial analysis.

|        |                             |      |                          |                          |                            |                                      |
|--------|-----------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------------------|
| INFSCI | 2910                        | 1010 | 26308                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                   |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1020 | 26310                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Munro,Paul W      |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1030 | 26312                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Karimi,Hassan Ali |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1040 | 26314                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1050 | 26320                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1060 | 26322                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1070 | 26328                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1080 | 26330                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |
| INFSCI | 2910                        | 1090 | 26350                    | INDEP STUDY: FOUNDATIONS | Independent Study          | 1 - 3                                |
|        | <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff             |
|        | <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0             |

|                             |      |                          |                          |                              |                          |                                             |
|-----------------------------|------|--------------------------|--------------------------|------------------------------|--------------------------|---------------------------------------------|
| INFSCI                      | 2910 | 1100                     | 26385                    | INDEP STUDY: FOUNDATIONS     | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Staff                    |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2910 | 1110                     | 26388                    | INDEP STUDY: FOUNDATIONS     | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Staff                    |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2910 | 1120                     | 26390                    | INDEP STUDY: FOUNDATIONS     | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Staff                    |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2910 | 1130                     | 26391                    | INDEP STUDY: FOUNDATIONS     | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Staff                    |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2930 | 1010                     | 26393                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Brusilovsky,Peter Leonid |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2930 | 1020                     | 26394                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Hirtle,Stephen C         |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2930 | 1030                     | 26400                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Munro,Paul W             |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2930 | 1040                     | 26403                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Babichenko,Dmitriy       |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |
| INFSCI                      | 2930 | 1050                     | 26443                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   |                          | <b>Instructor:</b> Staff                    |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |                                             |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                | Course Title                 | Component                | Units | Topics |
|-----------------------------|-------------|--------------------------|--------------------------|------------------------------|--------------------------|-------|--------|
| INFSCI                      | 2930        | 1060                     | 26446                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1070                     | 26447                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1080                     | 26449                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1090                     | 26452                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1100                     | 26455                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1110                     | 26456                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1120                     | 26467                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |
| INFSCI                      | 2930        | 1130                     | 26468                    | INDEPENDENT STUDY: COGNITIVE | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00   | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0     | <b>Class Min Enrl:</b> 0 |       |        |

|                      |      |                   |       |                            |                     |                                      |
|----------------------|------|-------------------|-------|----------------------------|---------------------|--------------------------------------|
| INFSCI               | 2950 | 1010              | 26470 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor:                          |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1020              | 26472 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Babichenko,Dmitriy       |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1030              | 26474 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Staff                    |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1040              | 26477 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: He,Daqing                |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1050              | 26479 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor:                          |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1060              | 26481 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Karimi,Hassan Ali        |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1070              | 26484 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor:                          |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1080              | 26485 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Palanisamy,Balaji        |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |
| INFSCI               | 2950 | 1090              | 26486 | INDEPENDENT STUDY: SYSTEMS | Independent Study   | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Pelechrinis,Konstantinos |
| Class Enrl Cap: 99   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 0          |                     | Class Min Enrl: 0                    |

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**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                | Course Title               | Component                | Units                                            | Topics |
|-----------------------------|-------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------------------------------|--------|
| INFSCI                      | 2950        | 1100                     | 26487                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Zadorozny,Vladimir Iosifovich |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2950        | 1110                     | 26488                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                               |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2950        | 1120                     | 26489                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Palanisamy,Balaji             |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2950        | 1130                     | 26490                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Munro,Paul W                  |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2950        | 1140                     | 26492                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Tipper,David Warren           |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2950        | 1150                     | 26493                    | INDEPENDENT STUDY: SYSTEMS | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Gomez,Marcela Michel          |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1030                     | 26496                    | INDEPENDENT STUDY          | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Brusilovsky,Peter Leonid      |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1050                     | 26497                    | INDEPENDENT STUDY          | Independent Study        | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Druzdzal,Marek J              |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                         |        |

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**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                | Course Title               | Component                                          | Units | Topics |
|-----------------------------|-------------|--------------------------|--------------------------|----------------------------|----------------------------------------------------|-------|--------|
| INFSCI                      | 2970        | 1070                     | 26498                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                                 |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1090                     | 26499                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                                 |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1110                     | 26500                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He, Daqing                      |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1130                     | 26502                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hirtle, Stephen C               |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1150                     | 26507                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                                 |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1155                     | 26508                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Karimi, Hassan Ali              |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1170                     | 26517                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |
| INFSCI                      | 2970        | 1190                     | 26518                    | INDEPENDENT STUDY          | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lewis, Charles Michael          |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |       |        |

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| Subject                     | Catalog Nbr | Section                  | Class Nbr | Course Title             | Component         | Units                                            | Topics |
|-----------------------------|-------------|--------------------------|-----------|--------------------------|-------------------|--------------------------------------------------|--------|
| INFSCI                      | 2970        | 1210                     | 26528     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b>                               |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1230                     | 26529     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Munro,Paul W                  |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1250                     | 26530     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Palanisamy,Balaji             |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1260                     | 26531     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Pelechrinis,Konstantinos      |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1270                     | 26533     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Weiss,Martin B                |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1280                     | 28057     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Zadorozny,Vladimir Iosifovich |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2970        | 1290                     | 28260     | INDEPENDENT STUDY        | Independent Study | 1 - 3                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Thaw,David Bernard            |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |
| INFSCI                      | 2980        | 1010                     | 26536     | PRACTICUM                | Directed Studies  | 3 - 6                                            |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA         |                   | <b>Time:</b> 00:00 - 00:00                       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0 |                   | <b>Class Wait Tot:</b> 0                         |        |
|                             |             |                          |           |                          |                   | <b>Instructor:</b> Tipper,David Warren           |        |
|                             |             |                          |           |                          |                   | Singh,Alka                                       |        |
|                             |             |                          |           |                          |                   | <b>Class Min Enrl:</b> 0                         |        |

|                                                                                                                                                                                                 |      |                          |                           |                                                 |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|---------------------------|-------------------------------------------------|------------------------------------------------------|
| INFSCI                                                                                                                                                                                          | 2982 | 1010                     | 28044                     | INFORMATION SCI COOPV PROGRAM Independent Study | 1                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Tipper,David Warren<br>Singh,Alka |
| <b>Class Enrl Cap:</b> 999                                                                                                                                                                      |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| This class has an additional fee. For more information go to <a href="http://www.registrar.pitt.edu">www.registrar.pitt.edu</a> , and click on Service Areas, then Special Course Related Fees. |      |                          |                           |                                                 |                                                      |
| INFSCI                                                                                                                                                                                          | 2995 | 1010                     | 26537                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Brusilovsky,Peter Leonid          |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1030                     | 26539                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b>                                   |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1040                     | 26540                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Farzan,Rosta                      |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1050                     | 26542                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b>                                   |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1060                     | 26543                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Hirtle,Stephen C                  |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1070                     | 26544                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Joshi,James Bikram, Dhoj          |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |
| INFSCI                                                                                                                                                                                          | 2995 | 1080                     | 26545                     | THESIS Directed Studies                         | 3                                                    |
| <b>Bldg:</b> TO BE ARRANGED                                                                                                                                                                     |      | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Karimi,Hassan Ali                 |
| <b>Class Enrl Cap:</b> 35                                                                                                                                                                       |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                          | Catalog Nbr | Section                  | Class Nbr                | Course Title               | Component                | Units                                              | Topics |
|----------------------------------|-------------|--------------------------|--------------------------|----------------------------|--------------------------|----------------------------------------------------|--------|
| INFSCI                           | 2995        | 1090                     | 26546                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1100                     | 26547                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lewis, Charles Michael          |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1110                     | 26548                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Lin, Yuru                       |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1120                     | 26549                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Palanisamy, Balaji              |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1130                     | 26550                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Zadorozny, Vladimir Iosifovich  |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1140                     | 26551                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                           |        |
| <b>Class Enrl Cap:</b> 35        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 2995        | 1150                     | 26562                    | THESIS                     | Directed Studies         | 3                                                  |        |
| <b>Bldg:</b> TO BE ARRANGED      |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Staff                           |        |
| <b>Class Enrl Cap:</b> 99        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |
| INFSCI                           | 3250        | 1055                     | 26563                    | RESEARCH SEMINAR           | Seminar                  | 3                                                  |        |
| <b>Bldg:</b> Information Science |             | <b>Room:</b> 00828       | <b>Days:</b> W           | <b>Time:</b> 09:00 - 11:50 | ADAPTIVE SYSTEMS         | <b>Instructor:</b> Brusilovsky, Peter Leonid       |        |
| <b>Class Enrl Cap:</b> 15        |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 |                            | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0                           |        |

|                             |      |                          |       |                           |                            |                                                    |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|----------------------------------------------------|
| INFSCI                      | 3990 | 1010                     | 26832 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff                           |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1020                     | 26816 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Brusilovsky, Peter Leonid       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1030                     | 26817 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Palanisamy, Balaji              |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1040                     | 26818 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Farzan, Rosta                   |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1050                     | 26819 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Hirtle, Stephen C               |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1060                     | 26820 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Joshi, James Bikram, Dhoj       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1070                     | 26821 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Karimi, Hassan Ali              |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1080                     | 26822 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |
| INFSCI                      | 3990 | 1090                     | 26823 | DISSERTATION              | Thesis Research            | 1 - 12                                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lewis, Charles Michael          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                           |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                                        | Units  | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|--------------------------------------------------|--------|--------|
| INFSCI                      | 3990        | 1100                     | 26824                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Lin,Yuru                      |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1120                     | 26826                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He,Daqing                     |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1140                     | 26827                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Tipper,David Warren           |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1150                     | 26828                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Weiss,Martin B                |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1160                     | 26829                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Zadorozny,Vladimir Iosifovich |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1170                     | 26830                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b>                               |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1180                     | 26831                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Pelechrinis,Konstantinos      |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |
| INFSCI                      | 3990        | 1190                     | 26833                     | DISSERTATION               | Thesis Research                                  | 1 - 12 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff                         |        |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                         |        |        |

| Subject                                                                                                                                                           | Catalog Nbr | Section                  | Class Nbr | Course Title                   | Component                  | Units                     | Topics                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|-----------|--------------------------------|----------------------------|---------------------------|-------------------------------------|
| INFSCI                                                                                                                                                            | 0013        | 1050                     | 26680     | COMPUTER METHODS IN HUMANITIES | Lecture                    | 3                         |                                     |
| <b>Bldg:</b> Bellefield Hall                                                                                                                                      |             | <b>Room:</b> 00314       |           | <b>Days:</b> MWF               | <b>Time:</b> 10:00 - 10:50 | UNIVERSITY HONORS COLLEGE | <b>Instructor:</b> Birnbaum,David J |
| Pickett,James R                                                                                                                                                   |             |                          |           |                                |                            |                           |                                     |
| <b>Class Enrl Cap:</b> 2                                                                                                                                          |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 2       |                            | <b>Class Wait Tot:</b> 0  |                                     |
| <b>Class Min Enrl:</b> 0                                                                                                                                          |             |                          |           |                                |                            |                           |                                     |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement, University Honors Course                                                                    |             |                          |           |                                |                            |                           |                                     |
| <b>Combined Section ID:</b> 0104(RELGST/1780/SLAV/1050/GER/1550)- RELGST 1780(#18437), LING 1050(#18438), GER 1550(#18439), CLASS 1050(#18440), SLAV 1050(#18553) |             |                          |           |                                |                            |                           |                                     |

| Subject                                              | Catalog Nbr | Section             | Class Nbr         | Course Title                | Component          | Units | Topics            |               |                   |       |                     |
|------------------------------------------------------|-------------|---------------------|-------------------|-----------------------------|--------------------|-------|-------------------|---------------|-------------------|-------|---------------------|
| LIS                                                  | 2005        | 1010                | 31213             | KNOWLEDGE ORGANIZATION      | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | WEB Based Class     | Room:             | TBA                         | Days:              | TBA   | Time:             | 00:00 - 00:00 | Instructor:       | Staff |                     |
| Class Enrl                                           |             | Cap: 50             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| LIS                                                  | 2022        | 1010                | 31159             | IMPLG SOLTNS FOR KNOWL ORGS | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | Information Science | Room:             | 00501                       | Days:              | M     | Time:             | 09:00 - 11:50 | Instructor:       |       | Burton,Matthew C    |
| Class Enrl                                           |             | Cap: 38             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             |                     |                   |                             |                    |       |                   |               |                   |       |                     |
| LIS                                                  | 2030        | 1010                | 31189             | DATA AND INFO IN SYSTEMS    | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | Information Science | Room:             | 00501                       | Days:              | W     | Time:             | 12:00 - 14:50 | Instructor:       |       | Staff               |
| Class Enrl                                           |             | Cap: 38             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             |                     |                   |                             |                    |       |                   |               |                   |       |                     |
| LIS                                                  | 2030        | 1020                | 31194             | DATA AND INFO IN SYSTEMS    | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | WEB Based Class     | Room:             | TBA                         | Days:              | TBA   | Time:             | 00:00 - 00:00 | Instructor:       |       | Staff               |
| Class Enrl                                           |             | Cap: 50             | Class Enrl Tot: 0 |                             | Class Wait Cap: 0  |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| LIS                                                  | 2184        | 1010                | 31202             | INTELCL PRPRTY & OPEN MOVMS | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | Information Science | Room:             | 00501                       | Days:              | Tu    | Time:             | 15:00 - 17:50 | Instructor:       |       | Currier,James David |
| Class Enrl                                           |             | Cap: 38             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             |                     |                   |                             |                    |       |                   |               |                   |       |                     |
| LIS                                                  | 2184        | 1020                | 31203             | INTELCL PRPRTY & OPEN MOVMS | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | WEB Based Class     | Room:             | TBA                         | Days:              | TBA   | Time:             | 00:00 - 00:00 | Instructor:       |       | Currier,James David |
| Class Enrl                                           |             | Cap: 50             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| LIS                                                  | 2222        | 1010                | 31176             | ARCHIVAL APPRAISAL          | Lecture            | 3     |                   |               |                   |       |                     |
| Bldg:                                                |             | Information Science | Room:             | 00501                       | Days:              | Tu    | Time:             | 09:00 - 11:50 | Instructor:       |       | Wood,Stacy E        |
| Class Enrl                                           |             | Cap: 38             | Class Enrl Tot: 0 |                             | Class Wait Cap: 99 |       | Class Wait Tot: 0 |               | Class Min Enrl: 0 |       |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             |                     |                   |                             |                    |       |                   |               |                   |       |                     |

**University of Pittsburgh**  
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**Sch Computing and Information - Library Science - Subject: Library & Information Science**

| Subject                                              | Catalog Nbr | Section           | Class Nbr | Course Title                   | Component           | Units             | Topics                             |
|------------------------------------------------------|-------------|-------------------|-----------|--------------------------------|---------------------|-------------------|------------------------------------|
| LIS                                                  | 2222        | 1020              | 31178     | ARCHIVAL APPRAISAL             | Lecture             | 3                 |                                    |
| Bldg: WEB Based Class                                |             | Room: TBA         |           | Days: TBA                      | Time: 00:00 - 00:00 |                   | Instructor: Wood, Stacy E          |
| Class Enrl Cap: 50                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Class Min Enrl: 0                                    |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2323        | 1030              | 26587     | RESOURCES FOR YOUNG ADULTS     | Lecture             | 3                 |                                    |
| Bldg: Information Science                            |             | Room: 00828       |           | Days: Tu                       | Time: 18:00 - 20:50 |                   | Instructor: Biagini, Mary Kathryn  |
| Class Enrl Cap: 20                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Class Min Enrl: 0                                    |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2323        | 1070              | 26610     | RESOURCES FOR YOUNG ADULTS     | Lecture             | 3                 |                                    |
| Bldg: WEB Based Class                                |             | Room: TBA         |           | Days: TBA                      | Time: 00:00 - 00:00 |                   | Instructor: Biagini, Mary Kathryn  |
| Class Enrl Cap: 99                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Attributes: Online                                   |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2325        | 1020              | 31211     | CRRCLM RESORC & SERVC/SCHL LIB | Lecture             | 3                 |                                    |
| Bldg: WEB Based Class                                |             | Room: TBA         |           | Days: TBA                      | Time: 00:00 - 00:00 |                   | Instructor: Biagini, Mary Kathryn  |
| Class Enrl Cap: 50                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Class Min Enrl: 0                                    |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2326        | 1010              | 31182     | STORYTELLING                   | Lecture             | 3                 |                                    |
| Bldg: Information Science                            |             | Room: 00501       |           | Days: Tu                       | Time: 12:00 - 14:50 |                   | Instructor: Mahoney, Elizabeth T   |
| Class Enrl Cap: 38                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2326        | 1020              | 31184     | STORYTELLING                   | Lecture             | 3                 |                                    |
| Bldg: WEB Based Class                                |             | Room: TBA         |           | Days: TBA                      | Time: 00:00 - 00:00 |                   | Instructor: Mahoney, Elizabeth T   |
| Class Enrl Cap: 50                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Class Min Enrl: 0                                    |             |                   |           |                                |                     |                   |                                    |
| LIS                                                  | 2407        | 1010              | 32166     | METADATA                       | Lecture             | 3                 |                                    |
| Bldg: Information Science                            |             | Room: 00522       |           | Days: Tu                       | Time: 12:00 - 14:50 |                   | Instructor: Mattern, Eleanor Marie |
| Class Enrl Cap: 24                                   |             | Class Enrl Tot: 0 |           | Class Wait Cap: 99             |                     | Class Wait Tot: 0 |                                    |
| Class Min Enrl: 0                                    |             |                   |           |                                |                     |                   |                                    |

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| Subject                                                                    | Catalog Nbr | Section           | Class Nbr          | Course Title                   | Component         | Units                                | Topics |
|----------------------------------------------------------------------------|-------------|-------------------|--------------------|--------------------------------|-------------------|--------------------------------------|--------|
| LIS                                                                        | 2407        | 1020              | 32167              | METADATA                       | Lecture           | 3                                    |        |
| Bldg: WEB Based Class                                                      |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Mattern,Eleanor Marie    |        |
| Class Enrl Cap: 50<br>Attributes: Online                                   |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2500        | 1050              | 26612              | REFERENCE SOURCES AND SERVICES | Lecture           | 3                                    |        |
| Bldg: WEB Based Class                                                      |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Mahoney,Elizabeth T      |        |
| Class Enrl Cap: 99<br>Attributes: Online                                   |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2500        | 1260              | 26613              | REFERENCE SOURCES AND SERVICES | Lecture           | 3                                    |        |
| Bldg: Information Science                                                  |             | Room: 00501       | Days: Th           | Time: 12:00 - 14:50            |                   | Instructor: Mahoney,Elizabeth T      |        |
| Class Enrl Cap: 20<br>Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2537        | 1010              | 31208              | GVRNT INFOR RESOURCS & SERVCS  | Lecture           | 3                                    |        |
| Bldg: Information Science                                                  |             | Room: 00501       | Days: Th           | Time: 15:00 - 17:50            |                   | Instructor: Currier,James David      |        |
| Class Enrl Cap: 38<br>Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2537        | 1020              | 31209              | GVRNT INFOR RESOURCS & SERVCS  | Lecture           | 3                                    |        |
| Bldg: WEB Based Class                                                      |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Currier,James David      |        |
| Class Enrl Cap: 50                                                         |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2640        | 1010              | 32387              | INSTRUCTIONAL DESIGN           | Lecture           | 3                                    |        |
| Bldg: WEB Based Class                                                      |             | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Rapchak,Marcia Elizabeth |        |
| Class Enrl Cap: 50<br>Attributes: Online                                   |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |
| LIS                                                                        | 2674        | 1010              | 32169              | PRESERVING DIGITAL CULTURE     | Lecture           | 3                                    |        |
| Bldg: Information Science                                                  |             | Room: 00403       | Days: W            | Time: 15:00 - 17:50            |                   | Instructor: Mattern,Eleanor Marie    |        |
| Class Enrl Cap: 38<br>Room Characteristics: PeopleSoft - Scheduled (PS)(1) |             | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |        |

|                                          |      |                   |                    |                            |                   |                                   |
|------------------------------------------|------|-------------------|--------------------|----------------------------|-------------------|-----------------------------------|
| LIS                                      | 2674 | 1020              | 32170              | PRESERVING DIGITAL CULTURE | Lecture           | 3                                 |
| Bldg: WEB Based Class                    |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00        |                   | Instructor: Mattern,Eleanor Marie |
| Class Enrl Cap: 50<br>Attributes: Online |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                            | Class Wait Tot: 0 | Class Min Enrl: 0                 |

|                                                                            |      |                   |                    |                                |                   |                                      |
|----------------------------------------------------------------------------|------|-------------------|--------------------|--------------------------------|-------------------|--------------------------------------|
| LIS                                                                        | 2830 | 1010              | 31179              | CMNTY ENGAGMNT & ADVCY INF SER | Lecture           | 3                                    |
| Bldg: Information Science                                                  |      | Room: 00501       | Days: M            | Time: 12:00 - 14:50            |                   | Instructor: Rapchak,Marcia Elizabeth |
| Class Enrl Cap: 38<br>Room Characteristics: PeopleSoft - Scheduled (PS)(1) |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |

|                       |      |                   |                    |                                |                   |                                      |
|-----------------------|------|-------------------|--------------------|--------------------------------|-------------------|--------------------------------------|
| LIS                   | 2830 | 1020              | 31180              | CMNTY ENGAGMNT & ADVCY INF SER | Lecture           | 3                                    |
| Bldg: WEB Based Class |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00            |                   | Instructor: Rapchak,Marcia Elizabeth |
| Class Enrl Cap: 50    |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                                | Class Wait Tot: 0 | Class Min Enrl: 0                    |

|                      |      |                   |                    |                       |                   |                                  |
|----------------------|------|-------------------|--------------------|-----------------------|-------------------|----------------------------------|
| LIS                  | 2901 | 1010              | 26629              | INDIVIDUAL RESEARCH 1 | Independent Study | 1 - 3                            |
| Bldg: TO BE ARRANGED |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00   |                   | Instructor: Biagini,Mary Kathryn |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                       | Class Wait Tot: 0 | Class Min Enrl: 0                |

|                      |      |                   |                    |                       |                   |                                 |
|----------------------|------|-------------------|--------------------|-----------------------|-------------------|---------------------------------|
| LIS                  | 2901 | 1040              | 26630              | INDIVIDUAL RESEARCH 1 | Independent Study | 1 - 3                           |
| Bldg: TO BE ARRANGED |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00   |                   | Instructor: Currier,James David |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                       | Class Wait Tot: 0 | Class Min Enrl: 0               |

|                      |      |                   |                    |                       |                   |                                   |
|----------------------|------|-------------------|--------------------|-----------------------|-------------------|-----------------------------------|
| LIS                  | 2901 | 1050              | 26631              | INDIVIDUAL RESEARCH 1 | Independent Study | 1 - 3                             |
| Bldg: TO BE ARRANGED |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00   |                   | Instructor: Langmead,Alison Diane |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                       | Class Wait Tot: 0 | Class Min Enrl: 0                 |

|                      |      |                   |                    |                       |                   |                                 |
|----------------------|------|-------------------|--------------------|-----------------------|-------------------|---------------------------------|
| LIS                  | 2901 | 1070              | 26632              | INDIVIDUAL RESEARCH 1 | Independent Study | 1 - 3                           |
| Bldg: TO BE ARRANGED |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00   |                   | Instructor: Mahoney,Elizabeth T |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                       | Class Wait Tot: 0 | Class Min Enrl: 0               |

|                      |      |                   |                    |                       |                   |                                      |
|----------------------|------|-------------------|--------------------|-----------------------|-------------------|--------------------------------------|
| LIS                  | 2901 | 1100              | 26634              | INDIVIDUAL RESEARCH 1 | Independent Study | 1 - 3                                |
| Bldg: TO BE ARRANGED |      | Room: TBA         | Days: TBA          | Time: 00:00 - 00:00   |                   | Instructor: Rapchak,Marcia Elizabeth |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 | Class Wait Cap: 99 |                       | Class Wait Tot: 0 | Class Min Enrl: 0                    |

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| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                                    | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|----------------------------------------------|-------|--------|
| LIS                         | 2901        | 1120                     | 26636                     | INDIVIDUAL RESEARCH 1      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood, Stacy E             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2901        | 1130                     | 26637                     | INDIVIDUAL RESEARCH 1      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton, Matthew C         |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2901        | 1140                     | 26638                     | INDIVIDUAL RESEARCH 1      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff                     |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2902        | 1010                     | 26641                     | INDIVIDUAL RESEARCH 2      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Rapchak, Marcia Elizabeth |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2902        | 1020                     | 26655                     | INDIVIDUAL RESEARCH 2      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood, Stacy E             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2902        | 1030                     | 26657                     | INDIVIDUAL RESEARCH 2      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton, Matthew C         |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2902        | 1040                     | 26274                     | INDIVIDUAL RESEARCH 2      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Biagini, Mary Kathryn     |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |
| LIS                         | 2902        | 1090                     | 26275                     | INDIVIDUAL RESEARCH 2      | Independent Study                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Currier, James David      |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |        |

|                                                      |      |                   |                   |                                |                                   |       |
|------------------------------------------------------|------|-------------------|-------------------|--------------------------------|-----------------------------------|-------|
| LIS                                                  | 2902 | 1100              | 26276             | INDIVIDUAL RESEARCH 2          | Independent Study                 | 1 - 3 |
| Bldg: TO BE ARRANGED                                 |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Langmead,Alison Diane |       |
| Class Enrl Cap: 35                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| LIS                                                  | 2902 | 1130              | 26278             | INDIVIDUAL RESEARCH 2          | Independent Study                 | 1 - 3 |
| Bldg: TO BE ARRANGED                                 |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Mahoney,Elizabeth T   |       |
| Class Enrl Cap: 50                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| LIS                                                  | 2921 | 1020              | 26279             | FIELD EXPERIENCE               | Practicum                         | 3     |
| Bldg: Information Science                            |      | Room: 00502       | Days: W           | Time: 09:00 - 11:50            | Instructor: Mahoney,Elizabeth T   |       |
| Class Enrl Cap: 18                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1) |      |                   |                   |                                |                                   |       |
| LIS                                                  | 2921 | 1030              | 31141             | FIELD EXPERIENCE               | Practicum                         | 3     |
| Bldg: WEB Based Class                                |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Mahoney,Elizabeth T   |       |
| Class Enrl Cap: 50                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| LIS                                                  | 2922 | 1060              | 26280             | PRACM IN SCH LIB MEDIA PROGRMS | Practicum                         | 3 - 6 |
| Bldg: Information Science                            |      | Room: 00828       | Days: W           | Time: 15:00 - 17:50            | Instructor: Biagini,Mary Kathryn  |       |
| Class Enrl Cap: 15                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| LIS                                                  | 2922 | 1080              | 26281             | PRACM IN SCH LIB MEDIA PROGRMS | Practicum                         | 3 - 6 |
| Bldg: WEB Based Class                                |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Biagini,Mary Kathryn  |       |
| Class Enrl Cap: 99                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| Attributes: Online                                   |      |                   |                   |                                |                                   |       |
| LIS                                                  | 2923 | 1150              | 26282             | PRAC SCH DISTRC LIB MEDIA PRGS | Practicum                         | 6     |
| Bldg: TO BE ARRANGED                                 |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Biagini,Mary Kathryn  |       |
| Class Enrl Cap: 99                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |
| LIS                                                  | 3901 | 1010              | 26283             | INDIVIDUAL RESEARCH 1          | Independent Study                 | 1 - 3 |
| Bldg: TO BE ARRANGED                                 |      | Room: TBA         | Days: TBA         | Time: 00:00 - 00:00            | Instructor: Biagini,Mary Kathryn  |       |
| Class Enrl Cap: 35                                   |      | Class Enrl Tot: 0 | Class Wait Cap: 0 | Class Wait Tot: 0              | Class Min Enrl: 0                 |       |

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|-----------------------------|-------------|--------------------------|--------------------------|----------------------------|---------------------------------------------|-------|--------|
| LIS                         | 3901        | 1040                     | 26284                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Currier,James David      |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3901        | 1050                     | 26285                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He,Daqing                |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3901        | 1070                     | 26286                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Langmead,Alison Diane    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3901        | 1090                     | 26287                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Rapchak,Marcia Elizabeth |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3901        | 1100                     | 26288                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood,Stacy E             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3901        | 1110                     | 26289                    | INDIVIDUAL RESEARCH 1      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton,Matthew C         |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3902        | 1010                     | 26290                    | INDIVIDUAL RESEARCH 2      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Biagini,Mary Kathryn     |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |
| LIS                         | 3902        | 1030                     | 26291                    | INDIVIDUAL RESEARCH 2      | Independent Study                           | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Currier,James David      |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |       |        |

|                             |      |                          |       |                           |                            |                                             |
|-----------------------------|------|--------------------------|-------|---------------------------|----------------------------|---------------------------------------------|
| LIS                         | 3902 | 1040                     | 26292 | INDIVIDUAL RESEARCH 2     | Independent Study          | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He,Daqing                |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3902 | 1050                     | 26293 | INDIVIDUAL RESEARCH 2     | Independent Study          | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Langmead,Alison Diane    |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3902 | 1070                     | 26294 | INDIVIDUAL RESEARCH 2     | Independent Study          | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Rapchak,Marcia Elizabeth |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3902 | 1090                     | 26295 | INDIVIDUAL RESEARCH 2     | Independent Study          | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood,Stacy E             |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3902 | 1100                     | 26296 | INDIVIDUAL RESEARCH 2     | Independent Study          | 1 - 3                                       |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton,Matthew C         |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3950 | 1015                     | 26661 | TEACHING PRACTICUM        | Practicum                  | 3                                           |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Rapchak,Marcia Elizabeth |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3950 | 1020                     | 26662 | TEACHING PRACTICUM        | Practicum                  | 3                                           |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood,Stacy E             |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3950 | 1030                     | 26672 | TEACHING PRACTICUM        | Practicum                  | 3                                           |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton,Matthew C         |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |
| LIS                         | 3950 | 1040                     | 26297 | TEACHING PRACTICUM        | Practicum                  | 3                                           |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Biagini,Mary Kathryn     |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                    |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Library Science - Subject: Library & Information Science**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title               | Component                                | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|----------------------------|------------------------------------------|-------|--------|
| LIS                         | 3950        | 1080                     | 26305                     | TEACHING PRACTICUM         | Practicum                                | 3     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Currier,James David   |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3950        | 1090                     | 26307                     | TEACHING PRACTICUM         | Practicum                                | 3     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He,Daqing             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3950        | 1110                     | 26311                     | TEACHING PRACTICUM         | Practicum                                | 3     |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Langmead,Alison Diane |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3999        | 1015                     | 26316                     | DISSERTATION               | Thesis Research                          | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Biagini,Mary Kathryn  |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3999        | 1030                     | 26319                     | DISSERTATION               | Thesis Research                          | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Burton,Matthew C      |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3999        | 1040                     | 26323                     | DISSERTATION               | Thesis Research                          | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Currier,James David   |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3999        | 1060                     | 26326                     | DISSERTATION               | Thesis Research                          | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> He,Daqing             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |
| LIS                         | 3999        | 1070                     | 26327                     | DISSERTATION               | Thesis Research                          | 1 - 9 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Langmead,Alison Diane |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |       |        |

|                             |      |                          |                          |                            |                                              |       |
|-----------------------------|------|--------------------------|--------------------------|----------------------------|----------------------------------------------|-------|
| LIS                         | 3999 | 1090                     | 26336                    | DISSERTATION               | Thesis Research                              | 1 - 9 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Rapchak, Marcia Elizabeth |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                     |       |

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|                             |      |                          |                          |                            |                                  |       |
|-----------------------------|------|--------------------------|--------------------------|----------------------------|----------------------------------|-------|
| LIS                         | 3999 | 1100                     | 26337                    | DISSERTATION               | Thesis Research                  | 1 - 9 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Wood, Stacy E |       |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0         |       |

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|                             |      |                          |                          |                            |                          |       |
|-----------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------|-------|
| LIS                         | 3999 | 1110                     | 26339                    | DISSERTATION               | Thesis Research          | 1 - 9 |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |       |
| <b>Class Enrl Cap:</b> 99   |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |       |

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**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - School of Computing and Information - Subject: Computing and Information**

| Subject                                                     | Catalog Nbr | Section                             | Class Nbr | Course Title                             | Component       | Units                      | Topics                       |
|-------------------------------------------------------------|-------------|-------------------------------------|-----------|------------------------------------------|-----------------|----------------------------|------------------------------|
| CMPINF                                                      | 0010        | 1010                                | 31312     | BIG IDEAS IN COMPUTING & INFO Lecture    |                 | 4                          |                              |
| <b>Bldg:</b> Frick Fine Arts Bui                            |             |                                     |           | <b>Room:</b> 00125                       | <b>Days:</b> MW | <b>Time:</b> 16:30 - 17:45 | <b>Instructor:</b> Staff     |
| <b>Class Enrl Cap:</b> 140                                  |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |
| <b>Reserve Capacity:</b>                                    |             | 01-OCT-2019 SCI First-year students |           | <b>Reserve Enrl Cap:</b> 92              |                 | <b>Reserve Enrl Tot:</b> 0 |                              |
|                                                             |             | 09-NOV-2019 SCI First-year students |           |                                          |                 | 0                          |                              |
| CMPINF                                                      | 0010        | 1020                                | 31313     | BIG IDEAS IN COMPUTING & INFO Laboratory |                 | 4                          |                              |
| <b>Bldg:</b> Information Science                            |             |                                     |           | <b>Room:</b> 00501                       | <b>Days:</b> Th | <b>Time:</b> 09:00 - 10:50 | <b>Instructor:</b> Staff     |
| <b>Class Enrl Cap:</b> 37                                   |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |
| CMPINF                                                      | 0010        | 1030                                | 31314     | BIG IDEAS IN COMPUTING & INFO Laboratory |                 | 4                          |                              |
| <b>Bldg:</b> Information Science                            |             |                                     |           | <b>Room:</b> 00405                       | <b>Days:</b> Th | <b>Time:</b> 11:00 - 12:50 | <b>Instructor:</b> Staff     |
| <b>Class Enrl Cap:</b> 37                                   |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |
| CMPINF                                                      | 0010        | 1040                                | 31315     | BIG IDEAS IN COMPUTING & INFO Laboratory |                 | 4                          |                              |
| <b>Bldg:</b> Information Science                            |             |                                     |           | <b>Room:</b> 00404                       | <b>Days:</b> F  | <b>Time:</b> 11:00 - 12:50 | <b>Instructor:</b> Staff     |
| <b>Class Enrl Cap:</b> 37                                   |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |
| CMPINF                                                      | 0010        | 1050                                | 31316     | BIG IDEAS IN COMPUTING & INFO Laboratory |                 | 4                          |                              |
| <b>Bldg:</b> Information Science                            |             |                                     |           | <b>Room:</b> 00404                       | <b>Days:</b> F  | <b>Time:</b> 09:00 - 10:50 | <b>Instructor:</b> Staff     |
| <b>Class Enrl Cap:</b> 37                                   |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |
| CMPINF                                                      | 1999        | 1010                                | 32154     | ADV SPEC TOPICS IN COMP & INFO Lecture   |                 | 3                          |                              |
| <b>Bldg:</b> Information Science                            |             |                                     |           | <b>Room:</b> 00405                       | <b>Days:</b> MW | <b>Time:</b> 16:30 - 17:45 | <b>Instructor:</b> Shi, Song |
| <b>Class Enrl Cap:</b> 50                                   |             | <b>Class Enrl Tot:</b> 0            |           | <b>Class Wait Cap:</b> 20                |                 | <b>Class Wait Tot:</b> 0   |                              |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1) |             |                                     |           |                                          |                 | <b>Class Min Enrl:</b> 0   |                              |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - School of Computing and Information - Subject: FT Diss Study SCI**

| Subject                     | Catalog Nbr | Section                  | Class Nbr | Course Title                 | Component                  | Units                    | Topics |
|-----------------------------|-------------|--------------------------|-----------|------------------------------|----------------------------|--------------------------|--------|
| FTDJ                        | 0000        | 1010                     | 14304     | FULL-TIME DISSERTATION STUDY | Full Time Dissertation     | 0                        |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA             | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 999  |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0     | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |        |

This class has an additional fee. For more information go to [www.registrar.pitt.edu](http://www.registrar.pitt.edu), and click on Service Areas, then Special Course Related Fees.

| Subject                                                                                                                                                                                                                                                                          | Catalog Nbr | Section | Class Nbr | Course Title                   | Component | Units | Topics |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|--------------------------------|-----------|-------|--------|
| TELCOM                                                                                                                                                                                                                                                                           | 2000        | 1050    | 26768     | INTRO TO TELECOMMUNICATIONS    | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> MW <b>Time:</b> 11:00 - 12:15 <b>Instructor:</b> Weiss,Martin B                                                                                                                                                 |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 5 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Combined Section ID:</b> 0674(INFSCI/1070/TELCOM/2000) - INFSCI 1070(#26767)                                                                 |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                           | 2010        | 1010    | 26628     | COMPUTER NETWORKING LABORATORY | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00831 <b>Days:</b> Tu <b>Time:</b> 15:00 - 17:50 <b>Instructor:</b>                                                                                                                                                                |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 5 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Combined Section ID:</b> 0035(INFSCI/1079/TELCOM/2010) - INFSCI 1079(#26627)                                                                 |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                           | 2010        | 1065    | 26783     | COMPUTER NETWORKING LABORATORY | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00831 <b>Days:</b> M <b>Time:</b> 12:00 - 14:50 <b>Instructor:</b>                                                                                                                                                                 |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 5 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Combined Section ID:</b> 0743(INFSCI/1079/TELCOM/2010) - INFSCI 1079(#26782)                                                                 |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                           | 2011        | 1140    | 26344     | TELECOMMUNICATIONS SEMINAR     | Lecture   | 1     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> F <b>Time:</b> 12:00 - 14:50 <b>Instructor:</b> Tipper,David Warren                                                                                                                                             |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 50 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> Media - Data Projector/Monitor(1)                                                                                 |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                           | 2310        | 1030    | 26752     | APPLICATIONS OF NETWORKS       | Lecture   | 3     |        |
| <b>Bldg:</b> Lawrence Hall <b>Room:</b> 00106 <b>Days:</b> Th <b>Time:</b> 13:00 - 15:30 <b>Instructor:</b> Pelechrinis,Konstantinos                                                                                                                                             |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 10 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0963(INFSCI/1071/TELCOM/2310) - INFSCI 1071(#26751) |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                           | 2321        | 1010    | 32150     | WIDE AREA NETWORKS             | Lecture   | 3     |        |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06516 <b>Days:</b> Th <b>Time:</b> 18:00 - 20:50 <b>Instructor:</b> Staff                                                                                                                                                               |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 2 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 2 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0807(CS/2520/TELCOM/2321) - CS 2520(#32149)           |             |         |           |                                |           |       |        |

| Subject               | Catalog Nbr | Section                                             | Class Nbr   | Course Title               | Component           | Units                                      | Topics |
|-----------------------|-------------|-----------------------------------------------------|-------------|----------------------------|---------------------|--------------------------------------------|--------|
| TELCOM                | 2326        | 1060                                                | 26795       | ADV TOPICS IN DATABASE MGT | Lecture             | 3                                          |        |
| Bldg:                 |             | Information Science                                 | Room: 00403 | Days: W                    | Time: 12:00 - 14:50 | Instructor: Zadorozny,Vladimir Iosifovich  |        |
| Class Enrl Cap: 1     |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |             |                            |                     |                                            |        |
| Combined Section ID:  |             | 0957(INFSCI/2711/TELCOM/2326) - INFSCI 2711(#26794) |             |                            |                     |                                            |        |
| TELCOM                | 2700        | 1010                                                | 28701       | INTRO TO WIRELESS NETWORKS | Lecture             | 3                                          |        |
| Bldg:                 |             | Information Science                                 | Room: 00406 | Days: TuTh                 | Time: 10:00 - 11:15 | Instructor: Tipper,David Warren            |        |
| Class Enrl Cap: 15    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |             |                            |                     |                                            |        |
| Combined Section ID:  |             | 0974(INFSCI/1072/TELCOM/2700) - INFSCI 1072(#28700) |             |                            |                     |                                            |        |
| TELCOM                | 2820        | 1100                                                | 26678       | CRYPTOGRAPHY               | Lecture             | 3                                          |        |
| Bldg:                 |             | Cathedral of Learni                                 | Room: 00332 | Days: TuTh                 | Time: 13:00 - 14:15 | Instructor: Krishnamurthy,Prashant Venkata |        |
| Class Enrl Cap: 13    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                      |             |                            |                     |                                            |        |
| Combined Section ID:  |             | 0088(INFSCI/2170/TELCOM/2820) - INFSCI 2170(#26677) |             |                            |                     |                                            |        |
| TELCOM                | 2921        | 1010                                                | 26355       | INDEP STUDY IN NETWORKING  | Independent Study   | 1 - 3                                      |        |
| Bldg:                 |             | TO BE ARRANGED                                      | Room: TBA   | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Pelechrinis,Konstantinos       |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Class Min Enrl: 0     |             |                                                     |             |                            |                     |                                            |        |
| TELCOM                | 2921        | 1020                                                | 26358       | INDEP STUDY IN NETWORKING  | Independent Study   | 1 - 3                                      |        |
| Bldg:                 |             | TO BE ARRANGED                                      | Room: TBA   | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Staff                          |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Class Min Enrl: 0     |             |                                                     |             |                            |                     |                                            |        |
| TELCOM                | 2921        | 1030                                                | 26360       | INDEP STUDY IN NETWORKING  | Independent Study   | 1 - 3                                      |        |
| Bldg:                 |             | TO BE ARRANGED                                      | Room: TBA   | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Staff                          |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Class Min Enrl: 0     |             |                                                     |             |                            |                     |                                            |        |
| TELCOM                | 2921        | 1050                                                | 26366       | INDEP STUDY IN NETWORKING  | Independent Study   | 1 - 3                                      |        |
| Bldg:                 |             | TO BE ARRANGED                                      | Room: TBA   | Days: TBA                  | Time: 00:00 - 00:00 | Instructor: Staff                          |        |
| Class Enrl Cap: 35    |             | Class Enrl Tot: 0                                   |             | Class Wait Cap: 99         |                     | Class Wait Tot: 0                          |        |
| Class Min Enrl: 0     |             |                                                     |             |                            |                     |                                            |        |

|                      |      |                   |       |                           |                     |                   |
|----------------------|------|-------------------|-------|---------------------------|---------------------|-------------------|
| TELCOM               | 2921 | 1060              | 26368 | INDEP STUDY IN NETWORKING | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                 | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99        | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                           |                     |                   |
|----------------------|------|-------------------|-------|---------------------------|---------------------|-------------------|
| TELCOM               | 2921 | 1070              | 26371 | INDEP STUDY IN NETWORKING | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                 | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99        | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                                            |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|--------------------------------------------|
| TELCOM               | 2922 | 1010              | 26377 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3                                      |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Krishnamurthy,Prashant Venkata |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0                          |

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|                      |      |                   |       |                                |                     |                   |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|-------------------|
| TELCOM               | 2922 | 1020              | 26380 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                   |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|-------------------|
| TELCOM               | 2922 | 1030              | 26382 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                   |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|-------------------|
| TELCOM               | 2922 | 1050              | 26383 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                   |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|-------------------|
| TELCOM               | 2922 | 1060              | 26386 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                   |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|-------------------|
| TELCOM               | 2922 | 1070              | 26389 | INDEP STDY IN COMMNCTN SYSTEMS | Independent Study   | 1 - 3             |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Staff |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0 |

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|                      |      |                   |       |                                |                     |                                            |
|----------------------|------|-------------------|-------|--------------------------------|---------------------|--------------------------------------------|
| TELCOM               | 2923 | 1010              | 26392 | INDEP STUDY: COMPUTER COMMNCTN | Independent Study   | 1 - 3                                      |
| Bldg: TO BE ARRANGED |      | Room: TBA         |       | Days: TBA                      | Time: 00:00 - 00:00 | Instructor: Krishnamurthy,Prashant Venkata |
| Class Enrl Cap: 35   |      | Class Enrl Tot: 0 |       | Class Wait Cap: 99             | Class Wait Tot: 0   | Class Min Enrl: 0                          |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Telecommunications - Subject: Telecommunications**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                  | Component                | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-------------------------------|--------------------------|-------|--------|
| TELCOM                      | 2923        | 1020                     | 26395                     | INDEP STUDY: COMPUTER COMMCTN | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2923        | 1030                     | 26397                     | INDEP STUDY: COMPUTER COMMCTN | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2923        | 1050                     | 26399                     | INDEP STUDY: COMPUTER COMMCTN | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2923        | 1060                     | 26405                     | INDEP STUDY: COMPUTER COMMCTN | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2923        | 1070                     | 26407                     | INDEP STUDY: COMPUTER COMMCTN | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2924        | 1010                     | 26412                     | INDEP STUDY: TELCOM ADMIN     | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2924        | 1020                     | 26415                     | INDEP STUDY: TELCOM ADMIN     | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |
| TELCOM                      | 2924        | 1030                     | 26416                     | INDEP STUDY: TELCOM ADMIN     | Independent Study        | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0 |       |        |

|                             |      |                          |       |                                |                   |                                   |
|-----------------------------|------|--------------------------|-------|--------------------------------|-------------------|-----------------------------------|
| TELCOM                      | 2924 | 1050                     | 26418 | INDEP STUDY: TELCOM ADMIN      | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2924 | 1060                     | 26420 | INDEP STUDY: TELCOM ADMIN      | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2924 | 1070                     | 26422 | INDEP STUDY: TELCOM ADMIN      | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Weiss,Martin B |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1010                     | 26426 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Weiss,Martin B |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1020                     | 26429 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1030                     | 26431 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1050                     | 26434 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1060                     | 26437 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |
| TELCOM                      | 2925 | 1070                     | 26440 | INDP STDY: TELCOM ECON & POLCY | Independent Study | 1 - 3                             |
| <b>Bldg:</b> TO BE ARRANGED |      | <b>Room:</b> TBA         |       | <b>Days:</b> TBA               |                   | <b>Instructor:</b> Staff          |
| <b>Class Enrl Cap:</b> 35   |      | <b>Class Enrl Tot:</b> 0 |       | <b>Class Wait Cap:</b> 99      |                   | <b>Class Min Enrl:</b> 0          |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Telecommunications - Subject: Telecommunications**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                  | Component                                          | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-------------------------------|----------------------------------------------------|-------|--------|
| TELCOM                      | 2926        | 1010                     | 26445                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2926        | 1020                     | 26448                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff                           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2926        | 1030                     | 26450                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff                           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2926        | 1050                     | 26451                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff                           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2926        | 1060                     | 26454                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff                           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2926        | 1070                     | 26457                     | INDEP STUDY: HUMAN COMMUNICTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff                           |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2927        | 1010                     | 26458                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b>                                 |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |
| TELCOM                      | 2927        | 1020                     | 26459                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                                  | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Krishnamurthy, Prashant Venkata |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0                           |       |        |

**University of Pittsburgh**  
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**Academic Term**

**Sch Computing and Information - Telecommunications - Subject: Telecommunications**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                  | Component                              | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-------------------------------|----------------------------------------|-------|--------|
| TELCOM                      | 2927        | 1030                     | 26461                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b>                     |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2927        | 1050                     | 26462                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Tipper,David Warren |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2927        | 1060                     | 26463                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff               |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2927        | 1070                     | 26465                     | IND STDY IN WIRELESS COMMNCTN | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff               |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2928        | 1010                     | 26469                     | IND STDY SECU ASSURED INF SYS | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b>                     |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2928        | 1020                     | 26471                     | IND STDY SECU ASSURED INF SYS | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Palanisamy,Balaji   |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2928        | 1030                     | 26473                     | IND STDY SECU ASSURED INF SYS | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff               |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |
| TELCOM                      | 2928        | 1050                     | 26475                     | IND STDY SECU ASSURED INF SYS | Independent Study                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00    | <b>Instructor:</b> Staff               |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0      | <b>Class Min Enrl:</b> 0               |       |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Telecommunications - Subject: Telecommunications**

| Subject                     | Catalog Nbr | Section                  | Class Nbr                 | Course Title                                    | Component                                            | Units | Topics |
|-----------------------------|-------------|--------------------------|---------------------------|-------------------------------------------------|------------------------------------------------------|-------|--------|
| TELCOM                      | 2928        | 1060                     | 26478                     | IND STDY SECU ASSURED INF SYS Independent Study |                                                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Staff                             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2928        | 1070                     | 26480                     | IND STDY SECU ASSURED INF SYS Independent Study |                                                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Staff                             |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2928        | 1080                     | 26483                     | IND STDY SECU ASSURED INF SYS Independent Study |                                                      | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Staff                             |       |        |
| <b>Class Enrl Cap:</b> 99   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2940        | 1010                     | 26579                     | PRACTICUM                                       | Practicum                                            | 1 - 3 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Tipper,David Warren<br>Singh,Alka |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2941        | 1010                     | 26581                     | MASTER'S THESIS                                 | Thesis Research                                      | 3 - 6 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Joshi,James Bikram, Dhoj          |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2941        | 1020                     | 26582                     | MASTER'S THESIS                                 | Thesis Research                                      | 3 - 6 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Krishnamurthy,Prashant Venkata    |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |
| TELCOM                      | 2941        | 1030                     | 26583                     | MASTER'S THESIS                                 | Thesis Research                                      | 3 - 6 |        |
| <b>Bldg:</b> TO BE ARRANGED |             | <b>Room:</b> TBA         | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00                      | <b>Instructor:</b> Pelechrinis,Konstantinos          |       |        |
| <b>Class Enrl Cap:</b> 35   |             | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 99 | <b>Class Wait Tot:</b> 0                        | <b>Class Min Enrl:</b> 0                             |       |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Academic Term**

**Sch Computing and Information - Telecommunications - Subject: Telecommunications**

| <b>Subject</b>              | <b>Catalog Nbr</b> | <b>Section</b>           | <b>Class Nbr</b> | <b>Course Title</b>        | <b>Component</b>         | <b>Units</b>                           | <b>Topics</b> |
|-----------------------------|--------------------|--------------------------|------------------|----------------------------|--------------------------|----------------------------------------|---------------|
| TELCOM                      | 2941               | 1050                     | 26584            | MASTER'S THESIS            | Thesis Research          | 3 - 6                                  |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Weiss,Martin B      |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 |                  | <b>Class Wait Cap:</b> 99  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |               |
| TELCOM                      | 2941               | 1060                     | 26585            | MASTER'S THESIS            | Thesis Research          | 3 - 6                                  |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Tipper,David Warren |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 |                  | <b>Class Wait Cap:</b> 99  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |               |
| TELCOM                      | 2941               | 1070                     | 26586            | MASTER'S THESIS            | Thesis Research          | 3 - 6                                  |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b>                     |               |
| <b>Class Enrl Cap:</b> 35   |                    | <b>Class Enrl Tot:</b> 0 |                  | <b>Class Wait Cap:</b> 99  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |               |
| TELCOM                      | 2982               | 1010                     | 28042            | TELCOM SCI COOPV PROGRAM   | Independent Study        | 1                                      |               |
| <b>Bldg:</b> TO BE ARRANGED |                    | <b>Room:</b> TBA         | <b>Days:</b> TBA | <b>Time:</b> 00:00 - 00:00 |                          | <b>Instructor:</b> Tipper,David Warren |               |
|                             |                    |                          |                  |                            |                          | Singh,Alka                             |               |
| <b>Class Enrl Cap:</b> 999  |                    | <b>Class Enrl Tot:</b> 0 |                  | <b>Class Wait Cap:</b> 99  | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0               |               |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS                     | 0004        | 8025                                                                                                            | 16948                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8040                                                                                                            | 11257                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8050                                                                                                            | 16949                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8070                                                                                                            | 16950                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8080                                                                                                            | 11258                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8090                                                                                                            | 11259                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS                     | 0004        | 8130                                                                                                            | 11260                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8135                                                                                                            | 15315                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8136                                                                                                            | 24512                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8155                                                                                                            | 11361                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8175                                                                                                            | 18111                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8180                                                                                                            | 11261                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS                     | 0004        | 8182                                                                                                            | 25762                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8224                                                                                                            | 17654                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8230                                                                                                            | 16951                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8235                                                                                                            | 17655                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8240                                                                                                            | 11262                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8250                                                                                                            | 11263                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS                     | 0004        | 8255                                                                                                            | 24638                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8320                                                                                                            | 11264                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8330                                                                                                            | 21168                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8340                                                                                                            | 11265                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8345                                                                                                            | 18458                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8346                                                                                                            | 24513                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 35                                                                                                              | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS                     | 0004        | 8347                                                                                                            | 24646                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8348                                                                                                            | 24647                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8350                                                                                                            | 22290                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8355                                                                                                            | 22291                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8360                                                                                                            | 25369                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS                     | 0004        | 8365                                                                                                            | 25371                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |

| Subject | Catalog Nbr            | Section                                                                                                         | Class Nbr              | Course Title                     | Component              | Units | Topics                     |
|---------|------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------------|-------|----------------------------|
| CS      | 0004                   | 8370                                                                                                            | 25372                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS      | 0004                   | 8375                                                                                                            | 28359                  | INTRO COMPUTER PROGRAMMING-BASIC | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                  |                        |       |                            |
| CS      | 0134                   | 8005                                                                                                            | 16957                  | WEB SITE DESIGN & DEVELOPMENT    | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                                                          |                        |                                  |                        |       |                            |
| CS      | 0134                   | 8040                                                                                                            | 18463                  | WEB SITE DESIGN & DEVELOPMENT    | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                                                          |                        |                                  |                        |       |                            |
| CS      | 0134                   | 8050                                                                                                            | 21169                  | WEB SITE DESIGN & DEVELOPMENT    | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                                                          |                        |                                  |                        |       |                            |
| CS      | 0134                   | 8060                                                                                                            | 15926                  | WEB SITE DESIGN & DEVELOPMENT    | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                              | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                                | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                                                          |                        |                                  |                        |       |                            |

| Subject         | Catalog Nbr | Section                | Class Nbr       | Course Title                  | Component | Units           | Topics              |             |                 |  |   |                 |  |   |
|-----------------|-------------|------------------------|-----------------|-------------------------------|-----------|-----------------|---------------------|-------------|-----------------|--|---|-----------------|--|---|
| CS              | 0134        | 8070                   | 17656           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |
| CS              | 0134        | 8075                   | 26207           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |
| CS              | 0134        | 8080                   | 17991           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |
| CS              | 0134        | 8090                   | 16959           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |
| CS              | 0134        | 8100                   | 16962           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |
| CS              | 0134        | 8130                   | 16963           | WEB SITE DESIGN & DEVELOPMENT | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:           |             | TO BE ARRANGED         | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes:     |             | College In High School |                 |                               |           |                 |                     |             |                 |  |   |                 |  |   |

| Subject         | Catalog Nbr | Section                | Class Nbr         | Course Title                  | Component         | Units             | Topics              |
|-----------------|-------------|------------------------|-------------------|-------------------------------|-------------------|-------------------|---------------------|
| CS              | 0134        | 8140                   | 21170             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8141                   | 24519             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8142                   | 24520             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8145                   | 22295             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8150                   | 23440             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8155                   | 25221             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |

| Subject | Catalog Nbr            | Section                | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|---------|------------------------|------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS      | 0134                   | 8200                   | 23467                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0134                   | 8205                   | 25400                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0134                   | 8210                   | 25402                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0134                   | 8400                   | 27282                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0134                   | 8405                   | 28365                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0134                   | 8410                   | 28366                  | WEB SITE DESIGN & DEVELOPMENT | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED         | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                   | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School |                        |                               |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject         | Catalog Nbr | Section                | Class Nbr         | Course Title                  | Component         | Units             | Topics              |
|-----------------|-------------|------------------------|-------------------|-------------------------------|-------------------|-------------------|---------------------|
| CS              | 0134        | 8415                   | 28367             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8420                   | 28368             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8425                   | 29184             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0134        | 8430                   | 30453             | WEB SITE DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0334        | 8002                   | 25406             | INTM WEB DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |
| CS              | 0334        | 8004                   | 25407             | INTM WEB DESIGN & DEVELOPMENT | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                           | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                               | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                               |                   |                   |                     |

| Subject | Catalog Nbr            | Section                                                                   | Class Nbr              | Course Title                    | Component              | Units | Topics                     |
|---------|------------------------|---------------------------------------------------------------------------|------------------------|---------------------------------|------------------------|-------|----------------------------|
| CS      | 0334                   | 8005                                                                      | 28369                  | INTM WEB DESIGN & DEVELOPMENT   | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                    |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0334                   | 8050                                                                      | 27283                  | INTM WEB DESIGN & DEVELOPMENT   | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                    |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0334                   | 8070                                                                      | 27284                  | INTM WEB DESIGN & DEVELOPMENT   | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School                                                    |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8000                                                                      | 11362                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8005                                                                      | 24521                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8010                                                                      | 24522                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject | Catalog Nbr            | Section                                                                   | Class Nbr              | Course Title                    | Component              | Units | Topics                     |
|---------|------------------------|---------------------------------------------------------------------------|------------------------|---------------------------------|------------------------|-------|----------------------------|
| CS      | 0401                   | 8050                                                                      | 27285                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8060                                                                      | 18464                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8140                                                                      | 15928                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8141                                                                      | 24523                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8145                                                                      | 23573                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8160                                                                      | 11251                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject | Catalog Nbr            | Section                                                                   | Class Nbr              | Course Title                    | Component              | Units | Topics                     |
|---------|------------------------|---------------------------------------------------------------------------|------------------------|---------------------------------|------------------------|-------|----------------------------|
| CS      | 0401                   | 8165                                                                      | 22558                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8170                                                                      | 22557                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8180                                                                      | 24033                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8181                                                                      | 24524                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8190                                                                      | 23441                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8200                                                                      | 23442                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject | Catalog Nbr            | Section                                                                   | Class Nbr              | Course Title                    | Component              | Units | Topics                     |
|---------|------------------------|---------------------------------------------------------------------------|------------------------|---------------------------------|------------------------|-------|----------------------------|
| CS      | 0401                   | 8210                                                                      | 25410                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8220                                                                      | 25412                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8250                                                                      | 27286                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8255                                                                      | 28370                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8260                                                                      | 28371                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0401                   | 8265                                                                      | 28372                  | INTRMEDT PROGRAMMING USING JAVA | Lecture                | 4     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                             | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                               | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                 |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject                                                                                      | Catalog Nbr | Section                  | Class Nbr | Course Title                   | Component                  | Units                    | Topics |
|----------------------------------------------------------------------------------------------|-------------|--------------------------|-----------|--------------------------------|----------------------------|--------------------------|--------|
| CS                                                                                           | 0401        | 8271                     | 29989     | INTRMEDT PROGRMMING USING JAVA | Lecture                    | 4                        |        |
| <b>Bldg:</b> TO BE ARRANGED                                                                  |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA               | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 9999                                                                  |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0       |                            | <b>Class Wait Tot:</b> 0 |        |
| <b>Class Min Enrl:</b> 0                                                                     |             |                          |           |                                |                            |                          |        |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |           |                                |                            |                          |        |

| Subject                                                                                      | Catalog Nbr | Section        | Class Nbr                | Course Title              | Component                | Units                    | Topics                     |
|----------------------------------------------------------------------------------------------|-------------|----------------|--------------------------|---------------------------|--------------------------|--------------------------|----------------------------|
| INFSCI                                                                                       | 0011        | 8050           | 25473                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement                         |             |                |                          |                           |                          |                          |                            |
| INFSCI                                                                                       | 0011        | 8051           | 25474                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement                         |             |                |                          |                           |                          |                          |                            |
| INFSCI                                                                                       | 0011        | 8052           | 25475                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement                         |             |                |                          |                           |                          |                          |                            |
| INFSCI                                                                                       | 0011        | 8070           | 27300                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                           |                          |                          |                            |
| INFSCI                                                                                       | 0011        | 8075           | 27361                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                           |                          |                          |                            |
| INFSCI                                                                                       | 0011        | 8076           | 27362                    | INTRO TO INF SCI ADVANCED | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                 |             | TO BE ARRANGED | <b>Room:</b>             | TBA                       | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                       |             | 9999           | <b>Class Enrl Tot:</b> 0 |                           | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                           |                          |                          |                            |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**CHS**

**Dietrich Sch Arts and Sciences - Information Science - Subject: Information Science**

| Subject                                                                               | Catalog Nbr | Section        | Class Nbr         | Course Title              | Component       | Units | Topics              |
|---------------------------------------------------------------------------------------|-------------|----------------|-------------------|---------------------------|-----------------|-------|---------------------|
| INFSCI                                                                                | 0011        | 8090           | 27301             | INTRO TO INF SCI ADVANCED | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:             | TBA                       | Days:           | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: 0 |                           | Class Wait Cap: | 0     | Class Wait Tot: 0   |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 0011        | 8100           | 27302             | INTRO TO INF SCI ADVANCED | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:             | TBA                       | Days:           | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: 0 |                           | Class Wait Cap: | 0     | Class Wait Tot: 0   |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 0011        | 8105           | 28299             | INTRO TO INF SCI ADVANCED | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TBA            | Room:             | TBA                       | Days:           | TBA   | Time: TBA           |
| Class Enrl Cap:                                                                       |             | 999            | Class Enrl Tot: 0 |                           | Class Wait Cap: | 20    | Class Wait Tot: 0   |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 0011        | 8110           | 28298             | INTRO TO INF SCI ADVANCED | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TBA            | Room:             | TBA                       | Days:           | TBA   | Time: TBA           |
| Class Enrl Cap:                                                                       |             | 999            | Class Enrl Tot: 0 |                           | Class Wait Cap: | 20    | Class Wait Tot: 0   |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 0011        | 8115           | 29106             | INTRO TO INF SCI ADVANCED | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:             | TBA                       | Days:           | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: 0 |                           | Class Wait Cap: | 0     | Class Wait Tot: 0   |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 1074        | 8020           | 27317             | COMPUTER SECURITY         | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:             | TBA                       | Days:           | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: 0 |                           | Class Wait Cap: | 0     | Class Wait Tot: 0   |
| Attributes: College In High School                                                    |             |                |                   |                           |                 |       |                     |
| INFSCI                                                                                | 1074        | 8050           | 25480             | COMPUTER SECURITY         | Lecture         | 3     |                     |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:             | TBA                       | Days:           | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: 0 |                           | Class Wait Cap: | 0     | Class Wait Tot: 0   |
| Attributes: College In High School                                                    |             |                |                   |                           |                 |       |                     |

|                                           |      |                          |                          |                            |                          |   |  |
|-------------------------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------|---|--|
| INFSCI                                    | 1074 | 8055                     | 27451                    | COMPUTER SECURITY          | Lecture                  | 3 |  |
| <b>Bldg:</b> TO BE ARRANGED               |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |   |  |
| <b>Class Enrl Cap:</b> 9999               |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |   |  |
| <b>Attributes:</b> College In High School |      |                          |                          |                            |                          |   |  |

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|-------------------------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------|---|--|
| INFSCI                                    | 1074 | 8060                     | 28394                    | COMPUTER SECURITY          | Lecture                  | 3 |  |
| <b>Bldg:</b> TO BE ARRANGED               |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |   |  |
| <b>Class Enrl Cap:</b> 9999               |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |   |  |
| <b>Attributes:</b> College In High School |      |                          |                          |                            |                          |   |  |

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|-------------------------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------|---|--|
| INFSCI                                    | 1074 | 8065                     | 29143                    | COMPUTER SECURITY          | Lecture                  | 3 |  |
| <b>Bldg:</b> TO BE ARRANGED               |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |   |  |
| <b>Class Enrl Cap:</b> 9999               |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |   |  |
| <b>Attributes:</b> College In High School |      |                          |                          |                            |                          |   |  |

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|-------------------------------------------|------|--------------------------|--------------------------|----------------------------|--------------------------|---|--|
| INFSCI                                    | 1074 | 8070                     | 29156                    | COMPUTER SECURITY          | Lecture                  | 3 |  |
| <b>Bldg:</b> TO BE ARRANGED               |      | <b>Room:</b> TBA         | <b>Days:</b> TBA         | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |   |  |
| <b>Class Enrl Cap:</b> 9999               |      | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |   |  |
| <b>Attributes:</b> College In High School |      |                          |                          |                            |                          |   |  |

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| Subject | Catalog Nbr            | Section                                                                                                         | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|---------|------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS      | 0007                   | 8000                                                                                                            | 24515                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS      | 0007                   | 8005                                                                                                            | 11691                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS      | 0007                   | 8010                                                                                                            | 23423                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS      | 0007                   | 8015                                                                                                            | 23424                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS      | 0007                   | 8018                                                                                                            | 18543                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS      | 0007                   | 8020                                                                                                            | 18460                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS                     | 0007        | 8030                                                                                                            | 11252                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8040                                                                                                            | 11253                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8045                                                                                                            | 24516                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8055                                                                                                            | 27271                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8060                                                                                                            | 27272                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8065                                                                                                            | 27274                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS                     | 0007        | 8078                                                                                                            | 16952                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8085                                                                                                            | 11360                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8095                                                                                                            | 18530                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8100                                                                                                            | 18461                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8115                                                                                                            | 23572                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8132                                                                                                            | 16953                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |

| Subject                                                                                                                            | Catalog Nbr | Section        | Class Nbr                | Course Title                  | Component                | Units                    | Topics                     |
|------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|--------------------------|-------------------------------|--------------------------|--------------------------|----------------------------|
| CS                                                                                                                                 | 0007        | 8133           | 24517                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |
| CS                                                                                                                                 | 0007        | 8135           | 18462                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |
| CS                                                                                                                                 | 0007        | 8136           | 24727                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |
| CS                                                                                                                                 | 0007        | 8137           | 24728                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |
| CS                                                                                                                                 | 0007        | 8140           | 11254                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |
| CS                                                                                                                                 | 0007        | 8150           | 11690                    | INTRO TO COMPUTER PROGRAMMING | Lecture                  | 3                        |                            |
| <b>Bldg:</b>                                                                                                                       |             | TO BE ARRANGED | <b>Room:</b>             | TBA                           | <b>Days:</b>             | TBA                      | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b>                                                                                                             |             | 9999           | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 0 | <b>Class Wait Tot:</b> 0 | <b>Class Min Enrl:</b> 0   |
| <b>Attributes:</b> College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                          |                               |                          |                          |                            |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**CHS**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject         | Catalog Nbr | Section                                                                                                         | Class Nbr       | Course Title                  | Component | Units           | Topics              |
|-----------------|-------------|-----------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|-----------|-----------------|---------------------|
| CS              | 0007        | 8170                                                                                                            | 11255           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |
| CS              | 0007        | 8210                                                                                                            | 11256           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |
| CS              | 0007        | 8211                                                                                                            | 24518           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |
| CS              | 0007        | 8215                                                                                                            | 22292           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |
| CS              | 0007        | 8220                                                                                                            | 22293           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |
| CS              | 0007        | 8225                                                                                                            | 22294           | INTRO TO COMPUTER PROGRAMMING | Lecture   | 3               |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:           | TBA                           | Days:     | TBA             | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot: |                               | 0         | Class Wait Cap: |                     |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                 |                               |           |                 |                     |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS                     | 0007        | 8300                                                                                                            | 23425                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8350                                                                                                            | 23466                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8355                                                                                                            | 25395                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8360                                                                                                            | 25396                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8365                                                                                                            | 25397                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8370                                                                                                            | 25398                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |

| Subject                | Catalog Nbr | Section                                                                                                         | Class Nbr              | Course Title                  | Component              | Units | Topics                     |
|------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------|-------|----------------------------|
| CS                     | 0007        | 8400                                                                                                            | 27275                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8500                                                                                                            | 25907                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8510                                                                                                            | 27276                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8515                                                                                                            | 27277                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8520                                                                                                            | 27387                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |
| CS                     | 0007        | 8525                                                                                                            | 28360                  | INTRO TO COMPUTER PROGRAMMING | Lecture                | 3     |                            |
| <b>Bldg:</b>           |             | TO BE ARRANGED                                                                                                  | <b>Room:</b>           | TBA                           | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
| <b>Class Enrl Cap:</b> |             | 9999                                                                                                            | <b>Class Enrl Tot:</b> | 0                             | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
| <b>Attributes:</b>     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                               |                        |       |                            |

| Subject         | Catalog Nbr | Section                                                                                                         | Class Nbr        | Course Title                  | Component        | Units | Topics              |
|-----------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|------------------|-------|---------------------|
| CS              | 0007        | 8530                                                                                                            | 28361            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |
| CS              | 0007        | 8535                                                                                                            | 29110            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |
| CS              | 0007        | 8540                                                                                                            | 29119            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |
| CS              | 0007        | 8545                                                                                                            | 29241            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |
| CS              | 0007        | 8550                                                                                                            | 29243            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |
| CS              | 0007        | 8555                                                                                                            | 30446            | INTRO TO COMPUTER PROGRAMMING | Lecture          | 3     |                     |
| Bldg:           |             | TO BE ARRANGED                                                                                                  | Room:            | TBA                           | Days:            | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                                                                                                            | Class Enrl Tot:0 |                               | Class Wait Cap:0 |       | Class Wait Tot:0    |
| Attributes:     |             | College In High School, DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |                  |                               |                  |       |                     |

| Subject                                                                               | Catalog Nbr | Section        | Class Nbr       | Course Title                   | Component | Units           | Topics              |             |                 |  |   |                 |  |   |
|---------------------------------------------------------------------------------------|-------------|----------------|-----------------|--------------------------------|-----------|-----------------|---------------------|-------------|-----------------|--|---|-----------------|--|---|
| CS                                                                                    | 0008        | 8030           | 27278           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |
| CS                                                                                    | 0008        | 8040           | 27364           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |
| CS                                                                                    | 0008        | 8041           | 27365           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |
| CS                                                                                    | 0008        | 8050           | 27279           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |
| CS                                                                                    | 0008        | 8070           | 27280           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 9999           | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |
| CS                                                                                    | 0008        | 8100           | 27281           | INT COMPUTER PRGMG WITH PYTHON | Lecture   | 3               |                     |             |                 |  |   |                 |  |   |
| Bldg:                                                                                 |             | TO BE ARRANGED | Room:           | TBA                            | Days:     | TBA             | Time: 00:00 - 00:00 | Instructor: | Staff           |  |   |                 |  |   |
| Class Enrl Cap:                                                                       |             | 35             | Class Enrl Tot: |                                | 0         | Class Wait Cap: |                     | 0           | Class Wait Tot: |  | 0 | Class Min Enrl: |  | 0 |
| Attributes: College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                |                 |                                |           |                 |                     |             |                 |  |   |                 |  |   |

| Subject | Catalog Nbr            | Section                                                                   | Class Nbr              | Course Title                   | Component              | Units | Topics                     |
|---------|------------------------|---------------------------------------------------------------------------|------------------------|--------------------------------|------------------------|-------|----------------------------|
| CS      | 0008                   | 8105                                                                      | 28362                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0008                   | 8110                                                                      | 28363                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0008                   | 8115                                                                      | 28364                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0008                   | 8120                                                                      | 29104                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0008                   | 8125                                                                      | 29105                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |
| CS      | 0008                   | 8130                                                                      | 29242                  | INT COMPUTER PRGMG WITH PYTHON | Lecture                | 3     |                            |
|         | <b>Bldg:</b>           | TO BE ARRANGED                                                            | <b>Room:</b>           | TBA                            | <b>Days:</b>           | TBA   | <b>Time:</b> 00:00 - 00:00 |
|         | <b>Class Enrl Cap:</b> | 9999                                                                      | <b>Class Enrl Tot:</b> | 0                              | <b>Class Wait Cap:</b> | 0     | <b>Class Wait Tot:</b> 0   |
|         | <b>Attributes:</b>     | College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |                        |                                |                        |       | <b>Class Min Enrl:</b> 0   |

| Subject                                                                                      | Catalog Nbr | Section                  | Class Nbr | Course Title                   | Component                  | Units                    | Topics |
|----------------------------------------------------------------------------------------------|-------------|--------------------------|-----------|--------------------------------|----------------------------|--------------------------|--------|
| CS                                                                                           | 0008        | 8135                     | 29631     | INT COMPUTER PRGMG WITH PYTHON | Lecture                    | 3                        |        |
| <b>Bldg:</b> TO BE ARRANGED                                                                  |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA               | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 9999                                                                  |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0       | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |           |                                |                            |                          |        |
| CS                                                                                           | 0008        | 8140                     | 30445     | INT COMPUTER PRGMG WITH PYTHON | Lecture                    | 3                        |        |
| <b>Bldg:</b> TO BE ARRANGED                                                                  |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA               | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 9999                                                                  |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0       | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> College In High School, DSAS Quant.-Formal Reason General Ed. Requirement |             |                          |           |                                |                            |                          |        |

| Subject         | Catalog Nbr | Section                | Class Nbr         | Course Title              | Component         | Units | Topics              |
|-----------------|-------------|------------------------|-------------------|---------------------------|-------------------|-------|---------------------|
| INFSCI          | 0014        | 8050                   | 25476             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8051                   | 25477             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8052                   | 25478             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8053                   | 25479             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8300                   | 27303             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8305                   | 27304             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8450                   | 28316             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Instructor:     |             | Staff                  |                   |                           |                   |       |                     |
| Class Enrl      |             | Cap: 9999              | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Class Min Enrl: |             | 0                      |                   |                           |                   |       |                     |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |

| Subject         | Catalog Nbr | Section                | Class Nbr         | Course Title              | Component         | Units             | Topics              |
|-----------------|-------------|------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------|
| INFSCI          | 0014        | 8500                   | 27305             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |
| INFSCI          | 0014        | 8505                   | 27307             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |
| INFSCI          | 0014        | 8510                   | 27308             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |
| INFSCI          | 0014        | 8515                   | 27309             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |
| INFSCI          | 0014        | 8520                   | 27310             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |
| INFSCI          | 0014        | 8550                   | 27311             | CYBERSECURITY AND THE LAW | Lecture           | 3                 |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA               | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 | Class Wait Tot: 0 | Class Min Enrl: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |                   |                     |

| Subject         | Catalog Nbr | Section                | Class Nbr         | Course Title              | Component         | Units | Topics              |
|-----------------|-------------|------------------------|-------------------|---------------------------|-------------------|-------|---------------------|
| INFSCI          | 0014        | 8555                   | 27312             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8560                   | 27313             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8565                   | 27314             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8580                   | 27315             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8585                   | 27316             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |
| INFSCI          | 0014        | 8700                   | 27306             | CYBERSECURITY AND THE LAW | Lecture           | 3     |                     |
| Bldg:           |             | TO BE ARRANGED         | Room:             | TBA                       | Days:             | TBA   | Time: 00:00 - 00:00 |
| Class Enrl Cap: |             | 9999                   | Class Enrl Tot: 0 |                           | Class Wait Cap: 0 |       | Class Wait Tot: 0   |
| Attributes:     |             | College In High School |                   |                           |                   |       |                     |

| Subject                                   | Catalog Nbr | Section                  | Class Nbr | Course Title              | Component                  | Units                    | Topics |
|-------------------------------------------|-------------|--------------------------|-----------|---------------------------|----------------------------|--------------------------|--------|
| INFSCI                                    | 0014        | 8705                     | 28391     | CYBERSECURITY AND THE LAW | Lecture                    | 3                        |        |
| <b>Bldg:</b> TO BE ARRANGED               |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 9999               |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> College In High School |             |                          |           |                           |                            |                          |        |
| INFSCI                                    | 0014        | 8710                     | 28392     | CYBERSECURITY AND THE LAW | Lecture                    | 3                        |        |
| <b>Bldg:</b> TO BE ARRANGED               |             | <b>Room:</b> TBA         |           | <b>Days:</b> TBA          | <b>Time:</b> 00:00 - 00:00 | <b>Instructor:</b> Staff |        |
| <b>Class Enrl Cap:</b> 9999               |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 0  | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0 |        |
| <b>Attributes:</b> College In High School |             |                          |           |                           |                            |                          |        |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Full Term Session**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                                                             | Catalog Nbr | Section               | Class Nbr                      | Course Title                   | Component            | Units              | Topics              |
|-----------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|--------------------------------|----------------------|--------------------|---------------------|
| CS                                                                                                  | 0007        | 1220                  | 31235                          | INTRO TO COMPUTER PROGRAMMING  | Recitation           | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square        | Room:                          | 05505                          | Days:                | Th                 | Time: 12:00 - 12:50 |
| Class Enrl Cap:                                                                                     |             | 28                    | Class Enrl Tot:                |                                | 0                    | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0                     | Class Min Enrl:                |                                | 0                    |                    |                     |
| Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                       |                                |                                |                      |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                       |                                |                                |                      |                    |                     |
| CS                                                                                                  | 0007        | 1230                  | 31236                          | INTRO TO COMPUTER PROGRAMMING  | Recitation           | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square        | Room:                          | 06110                          | Days:                | Th                 | Time: 13:00 - 13:50 |
| Class Enrl Cap:                                                                                     |             | 28                    | Class Enrl Tot:                |                                | 0                    | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0                     | Class Min Enrl:                |                                | 0                    |                    |                     |
| Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                       |                                |                                |                      |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                       |                                |                                |                      |                    |                     |
| CS                                                                                                  | 0007        | 1240                  | 31237                          | INTRO TO COMPUTER PROGRAMMING  | Lecture              | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square        | Room:                          | 05502                          | Days:                | Tu                 | Time: 18:00 - 20:30 |
| Class Enrl Cap:                                                                                     |             | 50                    | Class Enrl Tot:                |                                | 0                    | Class Wait Cap: 0  |                     |
| Class Wait Tot:                                                                                     |             | 0                     | Class Min Enrl:                |                                | 0                    |                    |                     |
| Attributes: DSAS Algebra General Ed. Requirement, DSAS Quant.-Formal Reason General Ed. Requirement |             |                       |                                |                                |                      |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                       |                                |                                |                      |                    |                     |
| Reserve Capacity:                                                                                   |             | 01-OCT-2019           | SCI First-year students        |                                | Reserve Enrl Cap: 10 |                    | Reserve Enrl Tot: 0 |
|                                                                                                     |             | 01-OCT-2019           | First-Year A&S Students        |                                | 13                   |                    | 0                   |
|                                                                                                     |             | 09-NOV-2019           | SCI First-year students        |                                | 0                    |                    | 0                   |
| CS                                                                                                  | 0134        | 1210                  | 26315                          | WEB SITE DESIGN & DEVELOPMENT  | Lecture              | 3                  |                     |
| Bldg:                                                                                               |             | Sennott Square        | Room:                          | 06110                          | Days:                | M                  | Time: 18:00 - 20:30 |
| Class Enrl Cap:                                                                                     |             | 40                    | Class Enrl Tot:                |                                | 0                    | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0                     | Class Min Enrl:                |                                | 0                    |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                       |                                |                                |                      |                    |                     |
| CS                                                                                                  | 0401        | 1115                  | 26401                          | INTRMEDT PROGRMMING USING JAVA | Lecture              | 4                  |                     |
| Bldg:                                                                                               |             | Cathedral of Learning | Room:                          | 000G8                          | Days:                | Tu                 | Time: 18:00 - 20:30 |
| Class Enrl Cap:                                                                                     |             | 60                    | Class Enrl Tot:                |                                | 0                    | Class Wait Cap: 20 |                     |
| Class Wait Tot:                                                                                     |             | 0                     | Class Min Enrl:                |                                | 0                    |                    |                     |
| Attributes: DSAS Quant.-Formal Reason General Ed. Requirement                                       |             |                       |                                |                                |                      |                    |                     |
| Room Characteristics: PeopleSoft - Scheduled (PS)(1)                                                |             |                       |                                |                                |                      |                    |                     |
| Reserve Capacity:                                                                                   |             | 01-OCT-2019           | Pre- CS/CMPBIO/BINF & -BS, -MN |                                | Reserve Enrl Cap: 30 |                    | Reserve Enrl Tot: 0 |
|                                                                                                     |             | 01-OCT-2019           | First-Year A&S Students        |                                | 6                    |                    | 0                   |
|                                                                                                     |             | 01-OCT-2019           | SCI First-year students        |                                | 12                   |                    | 0                   |
|                                                                                                     |             | 09-NOV-2019           | Pre- CS/CMPBIO/BINF & -BS, -MN |                                | 0                    |                    | 0                   |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Full Term Session**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject               | Catalog Nbr | Section                                           | Class Nbr       | Course Title                    | Component         | Units              | Topics              |
|-----------------------|-------------|---------------------------------------------------|-----------------|---------------------------------|-------------------|--------------------|---------------------|
| CS                    | 0401        | 1120                                              | 26404           | INTRMEDT PROGRAMMING USING JAVA | Laboratory        | 4                  |                     |
| Bldg:                 |             | Sennott Square                                    | Room:           | 05505                           | Days:             | Tu                 | Time: 11:00 - 12:50 |
| Class Enrl Cap:       |             | 33                                                | Class Enrl Tot: |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                    |                 |                                 |                   | Class Wait Tot: 0  |                     |
|                       |             |                                                   |                 |                                 |                   | Class Min Enrl: 0  |                     |
| CS                    | 0401        | 1135                                              | 26411           | INTRMEDT PROGRAMMING USING JAVA | Laboratory        | 4                  |                     |
| Bldg:                 |             | Sennott Square                                    | Room:           | 06110                           | Days:             | Tu                 | Time: 16:00 - 17:50 |
| Class Enrl Cap:       |             | 33                                                | Class Enrl Tot: |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                    |                 |                                 |                   | Class Wait Tot: 0  |                     |
|                       |             |                                                   |                 |                                 |                   | Class Min Enrl: 0  |                     |
| CS                    | 0401        | 1300                                              | 26755           | INTRMEDT PROGRAMMING USING JAVA | Lecture           | 4                  |                     |
| Bldg:                 |             | Lawrence Hall                                     | Room:           | 00205                           | Days:             | Th                 | Time: 18:00 - 20:30 |
| Class Enrl Cap:       |             | 60                                                | Class Enrl Tot: |                                 | 0                 | Class Wait Cap: 20 |                     |
| Attributes:           |             | DSAS Quant.-Formal Reason General Ed. Requirement |                 |                                 |                   | Class Wait Tot: 0  |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                    |                 |                                 |                   | Class Min Enrl: 0  |                     |
| Reserve Capacity:     |             | 01-OCT-2019                                       | Pre-            | CS/CMPBIO/BINF & -BS, -MN       | Reserve Enrl Cap: | 30                 | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                                       | SCI             | First-year students             |                   | 12                 | 0                   |
|                       |             | 01-OCT-2019                                       | First-Year      | A&S Students                    |                   | 6                  | 0                   |
|                       |             | 09-NOV-2019                                       | Pre-            | CS/CMPBIO/BINF & -BS, -MN       |                   | 0                  | 0                   |
| CS                    | 0401        | 1310                                              | 29771           | INTRMEDT PROGRAMMING USING JAVA | Laboratory        | 4                  |                     |
| Bldg:                 |             | Sennott Square                                    | Room:           | 06110                           | Days:             | M                  | Time: 11:00 - 12:50 |
| Class Enrl Cap:       |             | 33                                                | Class Enrl Tot: |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                    |                 |                                 |                   | Class Wait Tot: 0  |                     |
|                       |             |                                                   |                 |                                 |                   | Class Min Enrl: 0  |                     |
| CS                    | 0401        | 1350                                              | 26757           | INTRMEDT PROGRAMMING USING JAVA | Laboratory        | 4                  |                     |
| Bldg:                 |             | Sennott Square                                    | Room:           | 06110                           | Days:             | W                  | Time: 18:00 - 19:50 |
| Class Enrl Cap:       |             | 33                                                | Class Enrl Tot: |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)                    |                 |                                 |                   | Class Wait Tot: 0  |                     |
|                       |             |                                                   |                 |                                 |                   | Class Min Enrl: 0  |                     |

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Catalog Nbr                    | Section                     | Class Nbr                | Course Title                    | Component  | Units | Topics |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------|--------------------------|---------------------------------|------------|-------|--------|-------------|--------------------------------|-----------------------------|--------------------------|---|-------------|-------------------------|----|--|---|-------------|-------------------------|----|--|---|-------------|--------------------------------|---|--|---|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0401                           | 1400                        | 26674                    | INTRMEDT PROGRAMMING USING JAVA | Lecture    | 4     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Information Science <b>Room:</b> 00305 <b>Days:</b> M <b>Time:</b> 18:00 - 20:30 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 60 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Reserve Capacity:</b> <table border="0"> <tr> <td>01-OCT-2019</td><td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td><td><b>Reserve Enrl Cap:</b> 30</td><td><b>Reserve Enrl Tot:</b></td><td>0</td></tr> <tr> <td>01-OCT-2019</td><td>First-Year A&amp;S Students</td><td>6</td><td></td><td>0</td></tr> <tr> <td>01-OCT-2019</td><td>SCI First-year students</td><td>12</td><td></td><td>0</td></tr> <tr> <td>09-NOV-2019</td><td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td><td>0</td><td></td><td>0</td></tr> </table>    |                                |                             |                          |                                 |            |       |        | 01-OCT-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30 | <b>Reserve Enrl Tot:</b> | 0 | 01-OCT-2019 | First-Year A&S Students | 6  |  | 0 | 01-OCT-2019 | SCI First-year students | 12 |  | 0 | 09-NOV-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | 0 |  | 0 |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30 | <b>Reserve Enrl Tot:</b> | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | First-Year A&S Students        | 6                           |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SCI First-year students        | 12                          |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 09-NOV-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0401                           | 1405                        | 26675                    | INTRMEDT PROGRAMMING USING JAVA | Laboratory | 4     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> Tu <b>Time:</b> 19:00 - 20:50 <b>Instructor:</b> Staff<br><b>Class Enrl Cap:</b> 33 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                |                             |                          |                                 |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0401                           | 1415                        | 29773                    | INTRMEDT PROGRAMMING USING JAVA | Laboratory | 4     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> M <b>Time:</b> 09:00 - 10:50 <b>Instructor:</b> Staff<br><b>Class Enrl Cap:</b> 33 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                             |                          |                                 |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0401                           | 1500                        | 26785                    | INTRMEDT PROGRAMMING USING JAVA | Lecture    | 4     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Cathedral of Learning <b>Room:</b> 00068 <b>Days:</b> Th <b>Time:</b> 18:00 - 20:30 <b>Instructor:</b><br><b>Class Enrl Cap:</b> 60 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Attributes:</b> DSAS Quant.-Formal Reason General Ed. Requirement<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Reserve Capacity:</b> <table border="0"> <tr> <td>01-OCT-2019</td><td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td><td><b>Reserve Enrl Cap:</b> 30</td><td><b>Reserve Enrl Tot:</b></td><td>0</td></tr> <tr> <td>01-OCT-2019</td><td>SCI First-year students</td><td>12</td><td></td><td>0</td></tr> <tr> <td>01-OCT-2019</td><td>First-Year A&amp;S Students</td><td>6</td><td></td><td>0</td></tr> <tr> <td>09-NOV-2019</td><td>Pre- CS/CMPBIO/BINF &amp; -BS, -MN</td><td>0</td><td></td><td>0</td></tr> </table> |                                |                             |                          |                                 |            |       |        | 01-OCT-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30 | <b>Reserve Enrl Tot:</b> | 0 | 01-OCT-2019 | SCI First-year students | 12 |  | 0 | 01-OCT-2019 | First-Year A&S Students | 6  |  | 0 | 09-NOV-2019 | Pre- CS/CMPBIO/BINF & -BS, -MN | 0 |  | 0 |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pre- CS/CMPBIO/BINF & -BS, -MN | <b>Reserve Enrl Cap:</b> 30 | <b>Reserve Enrl Tot:</b> | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SCI First-year students        | 12                          |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 01-OCT-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | First-Year A&S Students        | 6                           |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| 09-NOV-2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pre- CS/CMPBIO/BINF & -BS, -MN | 0                           |                          | 0                               |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0401                           | 1505                        | 26786                    | INTRMEDT PROGRAMMING USING JAVA | Laboratory | 4     |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |
| <b>Bldg:</b> Sennott Square <b>Room:</b> 06110 <b>Days:</b> M <b>Time:</b> 13:00 - 14:50 <b>Instructor:</b> Staff<br><b>Class Enrl Cap:</b> 33 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 20 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                             |                          |                                 |            |       |        |             |                                |                             |                          |   |             |                         |    |  |   |             |                         |    |  |   |             |                                |   |  |   |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Full Term Session**

**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject               | Catalog Nbr | Section                        | Class Nbr                      | Course Title                    | Component         | Units              | Topics              |
|-----------------------|-------------|--------------------------------|--------------------------------|---------------------------------|-------------------|--------------------|---------------------|
| CS                    | 0401        | 1510                           | 26787                          | INTRMEDT PROGRAMMING USING JAVA | Laboratory        | 4                  |                     |
| Bldg:                 |             | Sennott Square                 | Room:                          | 06110                           | Days:             | F                  | Time: 12:00 - 13:50 |
| Class Enrl Cap:       |             | 33                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                              |                                |                                 |                   |                    |                     |
| CS                    | 0445        | 1060                           | 26615                          | DATA STRUCTURES                 | Lecture           | 3                  |                     |
| Bldg:                 |             | Frick Fine Arts Bui            | Room:                          | 00202                           | Days:             | W                  | Time: 18:00 - 20:30 |
| Class Enrl Cap:       |             | 70                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Reserve Capacity:     |             | 01-OCT-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                                 | Reserve Enrl Cap: | 35                 | Reserve Enrl Tot: 0 |
|                       |             | 01-OCT-2019                    | First-Year A&S Students        |                                 |                   | 7                  | 0                   |
|                       |             | 01-OCT-2019                    | SCI First-year students        |                                 |                   | 14                 | 0                   |
|                       |             | 09-NOV-2019                    | Pre- CS/CMPBIO/BINF & -BS, -MN |                                 |                   | 0                  | 0                   |
| CS                    | 0445        | 1070                           | 26616                          | DATA STRUCTURES                 | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                 | Room:                          | 05502                           | Days:             | Th                 | Time: 18:00 - 18:50 |
| Class Enrl Cap:       |             | 38                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                              |                                |                                 |                   |                    |                     |
| CS                    | 0445        | 1080                           | 26617                          | DATA STRUCTURES                 | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                 | Room:                          | 06110                           | Days:             | Th                 | Time: 11:00 - 11:50 |
| Class Enrl Cap:       |             | 38                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                              |                                |                                 |                   |                    |                     |
| CS                    | 0447        | 1010                           | 26778                          | COMPUTR ORGZTN & ASSMBLY LANG   | Lecture           | 3                  |                     |
| Bldg:                 |             | Frick Fine Arts Bui            | Room:                          | 00202                           | Days:             | TuTh               | Time: 19:00 - 20:15 |
| Class Enrl Cap:       |             | 70                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Reserve Capacity:     |             | 01-OCT-2019                    | Pre-CS& or MN or SCI 1st Year  |                                 | Reserve Enrl Cap: | 7                  | Reserve Enrl Tot: 0 |
|                       |             | 09-NOV-2019                    | Pre-CS& or MN or SCI 1st Year  |                                 |                   | 0                  | 0                   |
| CS                    | 0447        | 1015                           | 26779                          | COMPUTR ORGZTN & ASSMBLY LANG   | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                 | Room:                          | 05502                           | Days:             | Th                 | Time: 11:00 - 11:50 |
| Class Enrl Cap:       |             | 38                             | Class Enrl Tot:                |                                 | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1) |                                |                                 |                   |                    | Class Wait Tot: 0   |
| Class Min Enrl:       |             | 0                              |                                |                                 |                   |                    |                     |
| Instructor:           |             | Raoufi, Mehrnoosh              |                                |                                 |                   |                    |                     |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                          | Catalog Nbr | Section                  | Class Nbr                     | Course Title                  | Component                  | Units                                         | Topics |
|------------------------------------------------------------------|-------------|--------------------------|-------------------------------|-------------------------------|----------------------------|-----------------------------------------------|--------|
| CS                                                               | 0447        | 1020                     | 26780                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation                 | 3                                             |        |
| <b>Bldg:</b> Sennott Square                                      |             | <b>Room:</b> 06110       |                               | <b>Days:</b> F                | <b>Time:</b> 14:00 - 14:50 | <b>Instructor:</b> Staff                      |        |
| <b>Class Enrl Cap:</b> 38                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| CS                                                               | 0447        | 1090                     | 28092                         | COMPUTR ORGZTN & ASSMBLY LANG | Lecture                    | 3                                             |        |
| <b>Bldg:</b> Information Science                                 |             | <b>Room:</b> 00403       |                               | <b>Days:</b> Tu               | <b>Time:</b> 18:00 - 20:30 | <b>Instructor:</b> Wilkinson II,David William |        |
| <b>Class Enrl Cap:</b> 70                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| <b>Reserve Capacity:</b>                                         |             | 01-OCT-2019              | Pre-CS& or MN or SCI 1st Year | <b>Reserve Enrl Cap:</b> 7    |                            | <b>Reserve Enrl Tot:</b> 0                    | 0      |
|                                                                  |             | 09-NOV-2019              | Pre-CS& or MN or SCI 1st Year | 0                             |                            |                                               | 0      |
| CS                                                               | 0447        | 1095                     | 28093                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation                 | 3                                             |        |
| <b>Bldg:</b> Sennott Square                                      |             | <b>Room:</b> 06110       |                               | <b>Days:</b> W                | <b>Time:</b> 12:00 - 12:50 | <b>Instructor:</b> Koyatan Chathoth,Ajesh     |        |
| <b>Class Enrl Cap:</b> 38                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| CS                                                               | 0447        | 1097                     | 28095                         | COMPUTR ORGZTN & ASSMBLY LANG | Recitation                 | 3                                             |        |
| <b>Bldg:</b> Sennott Square                                      |             | <b>Room:</b> 05502       |                               | <b>Days:</b> W                | <b>Time:</b> 18:00 - 18:50 | <b>Instructor:</b> Koyatan Chathoth,Ajesh     |        |
| <b>Class Enrl Cap:</b> 38                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| CS                                                               | 1520        | 1010                     | 30108                         | PRGMG LANG FOR WEB APPLCTNS   | Lecture                    | 3                                             |        |
| <b>Bldg:</b> Information Science                                 |             | <b>Room:</b> 00404       |                               | <b>Days:</b> M                | <b>Time:</b> 18:00 - 20:30 | <b>Instructor:</b>                            |        |
| <b>Class Enrl Cap:</b> 40                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| <b>Combined Section ID:</b> 0182(CS/COE/1520) - COE 1520(#30171) |             |                          |                               |                               |                            |                                               |        |
| <b>Reserve Capacity:</b>                                         |             | 01-OCT-2019              | Pre-CS or BS or BINF BS       | <b>Reserve Enrl Cap:</b> 28   |                            | <b>Reserve Enrl Tot:</b> 0                    | 0      |
|                                                                  |             | 09-NOV-2019              | Pre-CS or BS or BINF BS       | 0                             |                            |                                               | 0      |
| CS                                                               | 1520        | 1011                     | 30107                         | PRGMG LANG FOR WEB APPLCTNS   | Recitation                 | 3                                             |        |
| <b>Bldg:</b> Sennott Square                                      |             | <b>Room:</b> 05505       |                               | <b>Days:</b> F                | <b>Time:</b> 08:00 - 08:50 | <b>Instructor:</b> Staff                      |        |
| <b>Class Enrl Cap:</b> 23                                        |             | <b>Class Enrl Tot:</b> 0 |                               | <b>Class Wait Cap:</b> 20     |                            | <b>Class Wait Tot:</b> 0                      |        |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)      |             |                          |                               |                               |                            | <b>Class Min Enrl:</b> 0                      |        |
| <b>Combined Section ID:</b> 0180(CS/COE/1520) - COE 1520(#30172) |             |                          |                               |                               |                            |                                               |        |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject               | Catalog Nbr | Section                                   | Class Nbr               | Course Title                | Component         | Units              | Topics              |
|-----------------------|-------------|-------------------------------------------|-------------------------|-----------------------------|-------------------|--------------------|---------------------|
| CS                    | 1520        | 1012                                      | 30109                   | PRGMG LANG FOR WEB APPLCTNS | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                            | Room:                   | 05505                       | Days:             | F                  | Time: 11:00 - 11:50 |
| Class Enrl Cap:       |             | 23                                        | Class Enrl Tot:         |                             | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                   |                    |                     |
| Combined Section ID:  |             | 0181(CS/COE/1520) - COE 1520(#30170)      |                         |                             |                   |                    |                     |
| CS                    | 1520        | 1100                                      | 26758                   | PRGMG LANG FOR WEB APPLCTNS | Lecture           | 3                  |                     |
| Bldg:                 |             | Information Science                       | Room:                   | 00404                       | Days:             | Th                 | Time: 18:00 - 20:30 |
| Class Enrl Cap:       |             | 40                                        | Class Enrl Tot:         |                             | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                   |                    |                     |
| Combined Section ID:  |             | 0281(CS 1520/COE 1520) - COE 1520(#23935) |                         |                             |                   |                    |                     |
| Reserve Capacity:     |             | 01-OCT-2019                               | Pre-CS or BS or BINF BS |                             | Reserve Enrl Cap: | 28                 | Reserve Enrl Tot: 0 |
|                       |             | 09-NOV-2019                               | Pre-CS or BS or BINF BS |                             |                   | 0                  | 0                   |
| CS                    | 1520        | 1110                                      | 26759                   | PRGMG LANG FOR WEB APPLCTNS | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                            | Room:                   | 05505                       | Days:             | W                  | Time: 18:00 - 18:50 |
| Class Enrl Cap:       |             | 23                                        | Class Enrl Tot:         |                             | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                   |                    |                     |
| Combined Section ID:  |             | 0284(CS 1520/COE 1520) - COE 1520(#23936) |                         |                             |                   |                    |                     |
| CS                    | 1520        | 1115                                      | 26760                   | PRGMG LANG FOR WEB APPLCTNS | Recitation        | 3                  |                     |
| Bldg:                 |             | Sennott Square                            | Room:                   | 05505                       | Days:             | W                  | Time: 19:00 - 19:50 |
| Class Enrl Cap:       |             | 23                                        | Class Enrl Tot:         |                             | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                   |                    |                     |
| Combined Section ID:  |             | 0285(CS 1520/COE 1520) - COE 1520(#23937) |                         |                             |                   |                    |                     |
| CS                    | 1631        | 1100                                      | 21283                   | SOFTWARE DESIGN METHODOLOGY | Lecture           | 3                  |                     |
| Bldg:                 |             | Cathedral of Learning                     | Room:                   | 00324                       | Days:             | Tu                 | Time: 18:00 - 20:30 |
| Class Enrl Cap:       |             | 37                                        | Class Enrl Tot:         |                             | 0                 | Class Wait Cap: 20 |                     |
| Room Characteristics: |             | PeopleSoft - Scheduled (PS)(1)            |                         |                             |                   |                    |                     |
| Combined Section ID:  |             | 0286(CS 1631/COE 1631) - COE 1631(#21282) |                         |                             |                   |                    |                     |
| Reserve Capacity:     |             | 01-OCT-2019                               | Pre-CS or Majors        |                             | Reserve Enrl Cap: | 26                 | Reserve Enrl Tot: 0 |
|                       |             | 09-NOV-2019                               | Pre-CS or Majors        |                             |                   | 0                  | 0                   |

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**Sch Computing and Information - Computer Science - Subject: Computer Science**

| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Catalog Nbr | Section                              | Class Nbr                     | Course Title                   | Component            | Units             | Topics            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------|-------------------------------|--------------------------------|----------------------|-------------------|-------------------|
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1645        | 1020                                 | 26749                         | INTRO HIGH PERF COMPTNG SYSTMS | Lecture              | 3                 |                   |
| Bldg: Sennott Square                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Room: 05129                          | Days: MW                      | Time: 18:00 - 19:15            |                      | Instructor: Staff |                   |
| Class Enrl Cap: 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Class Enrl Tot: 0                    |                               | Class Wait Cap: 20             |                      | Class Wait Tot: 0 |                   |
| Room Characteristics:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | PeopleSoft - Scheduled (PS)(1)       |                               |                                |                      |                   |                   |
| Combined Section ID:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | 0187(CS/1645/2045) - CS 2045(#26750) |                               |                                |                      |                   |                   |
| Reserve Capacity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             | 01-OCT-2019                          | Pre-CS or Majors              |                                | Reserve Enrl Cap: 18 | Reserve Enrl Tot: | 0                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 09-NOV-2019                          | Pre-CS or Majors              |                                | 0                    |                   | 0                 |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1699        | 1130                                 | 29593                         | SPEC TOPICS IN COMPUTR SCIENCE | Lecture              | 3                 |                   |
| Bldg: Information Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | Room: 00305                          | Days: W                       | Time: 18:00 - 20:30            |                      | CLOUD COMPUTING   | Instructor: Staff |
| Class Enrl Cap: 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Class Enrl Tot: 0                    |                               | Class Wait Cap: 20             |                      | Class Wait Tot: 0 |                   |
| Room Characteristics:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | PeopleSoft - Scheduled (PS)(1)       |                               |                                |                      |                   |                   |
| Cloud computing has emerged as a new paradigm for efficient and highly elastic delivery of computing services over the Internet to achieve economies of scale. The course will explore the concept of Cloud Computing, considering both its benefits and challenges. The course will also cover the basic design principles and architectures of Cloud Computing, including its usability and utility to deliver efficiently and flexibly infrastructure, platform and software as a service. Topics include types of public, private and hybrid cloud computing services, data centers architecture and deployment, cloud computing programming models, virtualization and virtual networking and storage, and large-scale distributed processing framework to manage, process and store big data applications running in clustered systems. The course will also include hands-on projects focused on developing applications on a MapReduce and Hadoop cluster. Upon successfully completing the course of the course, students will gain understating of the goals, benefits and models of cloud computing, and how storage, processing and services are designed and managed in a virtualized environment. They will be able to design and deploy cloud services that operate reliably and at scale. |             |                                      |                               |                                |                      |                   |                   |
| CS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2045        | 1020                                 | 26750                         | INTRO HIGH PERF COMPTNG SYSTMS | Lecture              | 3                 |                   |
| Bldg: Sennott Square                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Room: 05129                          | Days: MW                      | Time: 18:00 - 19:15            |                      | Instructor: Staff |                   |
| Class Enrl Cap: 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | Class Enrl Tot: 0                    |                               | Class Wait Cap: 99             |                      | Class Wait Tot: 0 |                   |
| Room Characteristics:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | PeopleSoft - Scheduled (PS)(1)       |                               |                                |                      |                   |                   |
| Combined Section ID:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | 0187(CS/1645/2045) - CS 1645(#26749) |                               |                                |                      |                   |                   |
| Reserve Capacity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             | 01-OCT-2019                          | CS Grads (MS or PHD)-1st Year |                                | Reserve Enrl Cap: 4  | Reserve Enrl Tot: | 0                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 01-OCT-2019                          | CS MS/PHD- Year 2 or greater  |                                | 6                    |                   | 0                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 16-NOV-2019                          | CS Grads (MS or PHD)-1st Year |                                | 0                    |                   | 0                 |

**Sch Computing and Information - Information Science - Subject: Information Science**

| Subject | Catalog Nbr                      | Section                                           | Class Nbr                | Course Title                   | Component                  | Units | Topics                                |
|---------|----------------------------------|---------------------------------------------------|--------------------------|--------------------------------|----------------------------|-------|---------------------------------------|
| INFSCI  | 0009                             | 1010                                              | 31224                    | MATH FOR INFORMATION SCIENCE   | Lecture                    | 3     |                                       |
|         | <b>Bldg:</b>                     | Information Science                               | <b>Room:</b> 00404       | <b>Days:</b> Tu                | <b>Time:</b> 18:00 - 20:30 |       | <b>Instructor:</b> Munro,Paul W       |
|         | <b>Class Enrl Cap:</b> 60        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 0010                             | 1040                                              | 26460                    | INTRO TO INFORM, SYS & SOCIETY | Lecture                    | 3     |                                       |
|         | <b>Bldg:</b> Thaw Hall           |                                                   | <b>Room:</b> 00102       | <b>Days:</b> W                 | <b>Time:</b> 18:00 - 20:30 |       | <b>Instructor:</b>                    |
|         | <b>Class Enrl Cap:</b> 90        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Attributes:</b>               | DSAS Quant.-Formal Reason General Ed. Requirement |                          |                                |                            |       |                                       |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 0017                             | 1050                                              | 27024                    | FUNDAMNTLS OF OBJ-ORIEN PRGMG  | Lecture                    | 4     |                                       |
|         | <b>Bldg:</b> Langley Hall        |                                                   | <b>Room:</b> 0A221       | <b>Days:</b> M                 | <b>Time:</b> 18:00 - 20:30 |       | <b>Instructor:</b>                    |
|         | <b>Class Enrl Cap:</b> 70        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 0017                             | 1060                                              | 31228                    | FUNDAMNTLS OF OBJ-ORIEN PRGMG  | Laboratory                 | 4     |                                       |
|         | <b>Bldg:</b> Information Science | <b>Room:</b> 00405                                | <b>Days:</b> Tu          | <b>Time:</b> 10:00 - 11:50     |                            |       | <b>Instructor:</b> Staff              |
|         | <b>Class Enrl Cap:</b> 38        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 0017                             | 1070                                              | 31230                    | FUNDAMNTLS OF OBJ-ORIEN PRGMG  | Laboratory                 | 4     |                                       |
|         | <b>Bldg:</b> Information Science | <b>Room:</b> 00405                                | <b>Days:</b> Tu          | <b>Time:</b> 18:00 - 19:50     |                            |       | <b>Instructor:</b> Staff              |
|         | <b>Class Enrl Cap:</b> 38        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 1022                             | 1160                                              | 26640                    | DATABASE MANAGEMENT SYSTEMS    | Lecture                    | 3     |                                       |
|         | <b>Bldg:</b> Information Science | <b>Room:</b> 00405                                | <b>Days:</b> Th          | <b>Time:</b> 18:00 - 20:30     |                            |       | <b>Instructor:</b> Babichenko,Dmitriy |
|         | <b>Class Enrl Cap:</b> 45        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |
| INFSCI  | 1052                             | 1030                                              | 26712                    | USER CENTERED DESIGN           | Lecture                    | 3     |                                       |
|         | <b>Bldg:</b> Information Science | <b>Room:</b> 00501                                | <b>Days:</b> Th          | <b>Time:</b> 18:00 - 20:30     |                            |       | <b>Instructor:</b> Staff              |
|         | <b>Class Enrl Cap:</b> 32        |                                                   | <b>Class Enrl Tot:</b> 0 | <b>Class Wait Cap:</b> 20      | <b>Class Wait Tot:</b> 0   |       | <b>Class Min Enrl:</b> 0              |
|         | <b>Room Characteristics:</b>     | PeopleSoft - Scheduled (PS)(1)                    |                          |                                |                            |       |                                       |

|                                                                                 |      |                                  |       |                                |                            |                            |  |                          |  |
|---------------------------------------------------------------------------------|------|----------------------------------|-------|--------------------------------|----------------------------|----------------------------|--|--------------------------|--|
| INFSCI                                                                          | 1059 | 1200                             | 26713 | WEB PROGRAMMING                | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00403               |       | <b>Days:</b> W                 | <b>Time:</b> 18:00 - 20:30 | <b>Instructor:</b> Staff   |  |                          |  |
| <b>Class Enrl Cap:</b> 50                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 20      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                     |      |                                  |       |                                |                            |                            |  |                          |  |
| INFSCI                                                                          | 1061 | 1010                             | 27026 | GAME IMPLEMENTATION            | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00406               |       | <b>Days:</b> W                 | <b>Time:</b> 18:00 - 20:30 | <b>Instructor:</b> Staff   |  |                          |  |
| <b>Class Enrl Cap:</b> 30                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 20      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                     |      |                                  |       |                                |                            |                            |  |                          |  |
| INFSCI                                                                          | 1079 | 1070                             | 26277 | COMPUTER NETWORKING LABORATORY | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00831               |       | <b>Days:</b> Th                | <b>Time:</b> 18:00 - 20:50 | <b>Instructor:</b>         |  |                          |  |
| <b>Class Enrl Cap:</b> 10                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 10      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Combined Section ID:</b> 0003(INFSCI/1079/TELCOM/2010) - TELCOM 2010(#26333) |      |                                  |       |                                |                            |                            |  |                          |  |
| INFSCI                                                                          | 2160 | 1010                             | 27028 | DATA MINING                    | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00305               |       | <b>Days:</b> Tu                | <b>Time:</b> 18:00 - 20:50 | <b>Instructor:</b> Staff   |  |                          |  |
| <b>Class Enrl Cap:</b> 64                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                     |      |                                  |       |                                |                            |                            |  |                          |  |
| <b>Reserve Capacity:</b>                                                        |      | 01-OCT-2019 IS PhD Students only |       | <b>Reserve Enrl Cap:</b> 10    |                            | <b>Reserve Enrl Tot:</b> 0 |  |                          |  |
|                                                                                 |      | 03-JAN-2020 IS PhD Students only |       | 0                              |                            | 0                          |  |                          |  |
| INFSCI                                                                          | 2500 | 1060                             | 26741 | DATA STRUCTURES                | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00405               |       | <b>Days:</b> W                 | <b>Time:</b> 18:00 - 20:50 | <b>Instructor:</b> Staff   |  |                          |  |
| <b>Class Enrl Cap:</b> 50                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                     |      |                                  |       |                                |                            |                            |  |                          |  |
| INFSCI                                                                          | 2710 | 1090                             | 27031 | DATABASE MANAGEMENT            | Lecture                    | 3                          |  |                          |  |
| <b>Bldg:</b> Information Science                                                |      | <b>Room:</b> 00403               |       | <b>Days:</b> Th                | <b>Time:</b> 18:00 - 20:50 | <b>Instructor:</b> Staff   |  |                          |  |
| <b>Class Enrl Cap:</b> 75                                                       |      | <b>Class Enrl Tot:</b> 0         |       | <b>Class Wait Cap:</b> 99      |                            | <b>Class Wait Tot:</b> 0   |  | <b>Class Min Enrl:</b> 0 |  |
| <b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)                     |      |                                  |       |                                |                            |                            |  |                          |  |

**University of Pittsburgh**  
**Schedule of Classes for Spring Term 2019-2020**  
**Full Term Session**

**Sch Computing and Information - Library Science - Subject: Library & Information Science**

| Subject                          | Catalog Nbr | Section                  | Class Nbr | Course Title                   | Component      | Units                      | Topics                                   |
|----------------------------------|-------------|--------------------------|-----------|--------------------------------|----------------|----------------------------|------------------------------------------|
| LIS                              | 2325        | 1010                     | 31210     | CRRCLM RESORC & SERVC/SCHL LIB | Lecture        | 3                          |                                          |
| <b>Bldg:</b> Information Science |             |                          |           | <b>Room:</b> 00828             | <b>Days:</b> W | <b>Time:</b> 18:00 - 20:50 | <b>Instructor:</b> Biagini, Mary Kathryn |
| <b>Class Enrl Cap:</b> 20        |             | <b>Class Enrl Tot:</b> 0 |           | <b>Class Wait Cap:</b> 99      |                | <b>Class Wait Tot:</b> 0   | <b>Class Min Enrl:</b> 0                 |

| Subject                                                                                                                                                                                                                                                                                                                               | Catalog Nbr | Section | Class Nbr | Course Title                   | Component | Units | Topics |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------|--------------------------------|-----------|-------|--------|
| TELCOM                                                                                                                                                                                                                                                                                                                                | 2010        | 1070    | 26333     | COMPUTER NETWORKING LABORATORY | Lecture   | 3     |        |
| <b>Bldg:</b> Information Science <b>Room:</b> 00831 <b>Days:</b> Th <b>Time:</b> 18:00 - 20:50<br><b>Class Enrl Cap:</b> 5 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Instructor:</b><br><b>Combined Section ID:</b> 0003(INFSCI/1079/TELCOM/2010) - INFSCI 1079(#26277) <b>Class Min Enrl:</b> 0 |             |         |           |                                |           |       |        |
| TELCOM                                                                                                                                                                                                                                                                                                                                | 2811        | 1100    | 28098     | HACKING FOR DEFENSE            | Lecture   | 3     |        |
| <b>Bldg:</b> Benedum Hall <b>Room:</b> 00G29 <b>Days:</b> M <b>Time:</b> 18:00 - 20:30 <b>Instructor:</b> Cole, Daniel G<br><div style="text-align: right;">Clark, William W</div>                                                                                                                                                    |             |         |           |                                |           |       |        |
| <b>Class Enrl Cap:</b> 10 <b>Class Enrl Tot:</b> 0 <b>Class Wait Cap:</b> 99 <b>Class Wait Tot:</b> 0 <b>Class Min Enrl:</b> 0<br><b>Room Characteristics:</b> PeopleSoft - Scheduled (PS)(1)<br><b>Combined Section ID:</b> 0235(ME/ENGR/2811/TELCOM 2811) - ME 2811(#25290), ENGR 2811(#25291)                                      |             |         |           |                                |           |       |        |