

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Twelve Week

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CEE	1340	1300	20273	CONCRETE STRUCTURES 1	Lecture	3		
Bldg:		Benedum Hall	Room:	00319	Days:	TuTh	Time: 18:30 - 20:10	Instructor: Sachs, Steven Gerald
Class Enrl Cap:		35	Class Enrl Tot:	6	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1401	1395	18747	OPEN CHANNEL HYDRAULICS	Lecture	3		
Bldg:		Benedum Hall	Room:	00319	Days:	TuTh	Time: 16:30 - 18:10	Instructor: Loehlein, Werner C
Class Enrl Cap:		60	Class Enrl Tot:	12	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1821	1010	11703	FOUNDATION ENGINEERING	Lecture	3		
Bldg:		Benedum Hall	Room:	00319	Days:	TuTh	Time: 11:00 - 12:40	Instructor: Vallejo, Luis E
Class Enrl Cap:		40	Class Enrl Tot:	9	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1996	1410	14873	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2996	1410	14871	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Oyler, John F
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2997	1410	14869	RESEARCH, M.S.	Directed Studies	1 - 15		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2999	1410	14868	M.S. THESIS	Thesis Research	1 - 15		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Magalotti, Mark Joseph
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CEE	3996	1410	14867	SPEC INVSTGTN FOR PH.D. STDNT	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gilbertson, Leanne Marie
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

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Twelve WeekSwanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CEE	3997	1410	14866	RESEARCH, PH.D	Directed Studies	1 - 15	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Gilbertson,Leanne Marie		
Class Enrl Cap: 20		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

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Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CHE	1097	1380	14235	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
CHE	1097	1390	16179	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
CHE	1097	1520	14225	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Computer Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
COE	0449	1010	14208	INTRO TO SYSTEMS SOFTWARE	Lecture	3	
Bldg: Cathedral of Learning Room: 00232 Days: TuTh Time: 10:30 - 12:15 Instructor: Petrucci, Vinicius Tavares							
Class Enrl Cap: 15		Class Enrl Tot: 3		Class Wait Cap: 10		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0082(CS/COE/0449) - CS 0449(#19298)							
COE	0449	1020	14209	INTRO TO SYSTEMS SOFTWARE	Recitation	3	
Bldg: Sennott Square Room: 06110 Days: Tu Time: 14:30 - 15:20 Instructor:							
Class Enrl Cap: 9		Class Enrl Tot: 2		Class Wait Cap: 9		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0084(CS/COE/0449) - CS 0449(#19299)							
COE	0449	1300	16459	INTRO TO SYSTEMS SOFTWARE	Recitation	3	
Bldg: Sennott Square Room: 06110 Days: Th Time: 09:30 - 10:20 Instructor:							
Class Enrl Cap: 9		Class Enrl Tot: 1		Class Wait Cap: 9		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0083(CS/COE/0449) - CS 0449(#19300)							
COE	1501	1010	11749	ALGORITHM IMPLEMENTATION	Lecture	3	
Bldg: Sennott Square Room: 05129 Days: MW Time: 09:30 - 11:15 Instructor: Ramirez, John C							
Class Enrl Cap: 7		Class Enrl Tot: 7		Class Wait Cap: 7		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0087(CS/COE/1501) - CS 1501(#19301), CS 1501(#19302)							
COE	1501	1015	11844	ALGORITHM IMPLEMENTATION	Recitation	3	
Bldg: Sennott Square Room: 05505 Days: M Time: 11:30 - 12:20 Instructor:							
Class Enrl Cap: 4		Class Enrl Tot: 4		Class Wait Cap: 4		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0085(CS/COE/1501) - CS 1501(#19303)							
COE	1501	1050	16461	ALGORITHM IMPLEMENTATION	Recitation	3	
Bldg: Sennott Square Room: 05505 Days: M Time: 14:30 - 15:20 Instructor:							
Class Enrl Cap: 5		Class Enrl Tot: 3		Class Wait Cap: 5		Class Wait Tot: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)		Class Min Enrl: 0					
Combined Section ID: 0086(CS/COE/1501) - CS 1501(#19304)							

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Computer Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
COE	1520	1010	11728	PRGMG LANG FOR WEB APPLCTNS	Lecture	3	
Bldg: Sennott Square		Room: 05129	Days: MW	Time: 14:30 - 16:15	Instructor: Billingsley, Jarrett Franklin		
Class Enrl Cap: 16		Class Enrl Tot: 6	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0094(CS/COE/1520) - CS 1520(#19305)							
COE	1520	1030	14974	PRGMG LANG FOR WEB APPLCTNS	Recitation	3	
Bldg: Sennott Square		Room: 05505	Days: M	Time: 16:30 - 17:20	Instructor: Staff		
Class Enrl Cap: 10		Class Enrl Tot: 0	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0093(CS/COE/1520) - CS 1520(#19306)							
COE	1520	1050	16119	PRGMG LANG FOR WEB APPLCTNS	Recitation	3	
Bldg: Sennott Square		Room: 05505	Days: W	Time: 13:30 - 14:20	Instructor: Staff		
Class Enrl Cap: 10		Class Enrl Tot: 6	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0092(CS/COE/1520) - CS 1520(#19307)							
COE	1530	1010	18666	SOFTWARE ENGINEERING	Lecture	3	
Bldg: Sennott Square		Room: 05502	Days: TuTh	Time: 12:30 - 14:15	Instructor: Staff		
Class Enrl Cap: 16		Class Enrl Tot: 7	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0091(CS/COE/1530) - CS 1530(#19308)							
COE	1550	1010	11756	INTRO TO OPERATING SYSTEMS	Lecture	3	
Bldg: Information Science		Room: 00404	Days: TuTh	Time: 10:30 - 12:15	Instructor: Mohamed Khattab, Sherif E		
Class Enrl Cap: 12		Class Enrl Tot: 6	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0088(CS/COE/1550) - CS 1550(#19309)							
COE	1550	1015	11757	INTRO TO OPERATING SYSTEMS	Recitation	3	
Bldg: Sennott Square		Room: 05505	Days: W	Time: 12:30 - 13:20	Instructor: Staff		
Class Enrl Cap: 7		Class Enrl Tot: 4	Class Wait Cap: 7	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0089(CS/COE/1550) - CS 1550(#19310)							

COE 1550 1020 16722 INTRO TO OPERATING SYSTEMS Recitation 3

Bldg: Sennott Square **Room:** 05505 **Days:** Tu **Time:** 13:30 - 14:20 **Instructor:** Staff

Class Enrl Cap: 7 **Class Enrl Tot:** 2 **Class Wait Cap:** 7 **Class Wait Tot:** 0 **Class Min Enrl:** 0

Room Characteristics: PeopleSoft - Scheduled (PS)(1)

Combined Section ID: 0090(CS/COE/1550) - CS 1550(#19311)

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics		
ECE	0102	1010	20684	MICROELECTRONIC CIRCUITS	Lecture	4			
Bldg:		Frick Fine Arts Bui	Room:	00204	Days:	TuTh	Time: 14:30 - 16:15	Instructor: Staff	
Class Enrl Cap:		50	Class Enrl Tot:	36	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	0102	1015	20685	MICROELECTRONIC CIRCUITS	Laboratory	4			
Bldg:		Benedum Hall	Room:	01223A	Days:	F	Time: 10:00 - 12:50	Instructor: Staff	
Bldg:		Benedum Hall	Room:	01223B	Days:	F	Time: 10:00 - 12:50	Instructor: Staff	
Class Enrl Cap:		50	Class Enrl Tot:	36	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	0112	1015	20962	MICRO CIRCUITS TRANSFER LAB	Credit Laboratory	1			
Bldg:		Benedum Hall	Room:	01223A	Days:	F	Time: 10:00 - 12:50	Instructor: Staff	
Bldg:		Benedum Hall	Room:	01223B	Days:	F	Time: 10:00 - 12:50	Instructor: Staff	
Class Enrl Cap:		5	Class Enrl Tot:	1	Class Wait Cap:	5	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	0202	1010	20534	EMBED PROCESSORS INTRFAC	Lecture	4			
Bldg:		Benedum Hall	Room:	00227	Days:	MW	Time: 14:30 - 16:15	Instructor: Staff	
Class Enrl Cap:		35	Class Enrl Tot:	35	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	0202	1015	20535	EMBED PROCESSORS INTRFAC	Laboratory	4			
Bldg:		Benedum Hall	Room:	01223A	Days:	F	Time: 14:00 - 16:50	Instructor: Staff	
Bldg:		Benedum Hall	Room:	01223B	Days:	F	Time: 14:00 - 16:50	Instructor: Staff	
Bldg:		Benedum Hall	Room:	01223C	Days:	F	Time: 14:00 - 16:50	Instructor: Staff	
Class Enrl Cap:		35	Class Enrl Tot:	35	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	0302	1010	20536	DATA STRUCTURES AND ALGORITHMS	Lecture	3			
Bldg:		Benedum Hall	Room:	00G24	Days:	TuTh	Time: 10:30 - 12:15	Instructor: Staff	
Class Enrl Cap:		35	Class Enrl Tot:	36	Class Wait Cap:	20	Class Wait Tot:	1	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics		
ECE	0402	1010	20686	SIGNALS, SYTMS, & PROBABILITY	Lecture	3			
Bldg:		Benedum Hall	Room:	00227	Days:	MW	Time: 10:30 - 12:15	Instructor: Staff	
Class Enrl Cap:		50	Class Enrl Tot:	38	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	1140	1010	20841	SYSTEMS AND PROJECT ENGR	Lecture	4			
Bldg:		Benedum Hall	Room:	00G27	Days:	Th	Time: 18:00 - 20:30	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	7	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	1140	1015	20842	SYSTEMS AND PROJECT ENGR	Laboratory	4			
Bldg:		Benedum Hall	Room:	01211A	Days:	F	Time: 15:00 - 17:50	Instructor: Staff	
Bldg:		Benedum Hall	Room:	01211B	Days:	F	Time: 15:00 - 17:50	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	7	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
ECE	1212	1010	11782	ELECTRONIC CIRCUIT DESIGN LAB	Lecture	3			
Bldg:		Benedum Hall	Room:	01223A	Days:	Tu	Time: 12:30 - 14:15	Instructor: Dallal,Ahmed Hassan Sayed Shi,Yu	
Class Enrl Cap:		32	Class Enrl Tot:	20	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.									
ECE	1212	1015	11781	ELECTRONIC CIRCUIT DESIGN LAB	Laboratory	3			
Bldg:		Benedum Hall	Room:	01223A	Days:	Th	Time: 12:30 - 14:15	Instructor: Dallal,Ahmed Hassan Sayed Shi,Yu	
Class Enrl Cap:		32	Class Enrl Tot:	20	Class Wait Cap:	20	Class Wait Tot:	0	
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl:	0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.									

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ECE	1710	1125	15789	PWR DISTB SYS ENGR SMART GRIDS	Lecture	3		
Bldg:		Benedum Hall	Room:	01223A	Days:	MW	Time: 08:30 - 10:15	Instructor: Kerestes, Robert John Brody, Ryan
Class Enrl Cap:		32	Class Enrl Tot:	14	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ECE	1896	1010	11750	SENIOR DESIGN PROJECT	Directed Studies	3		
Bldg:		Benedum Hall	Room:	01223C	Days:	MW	Time: 13:00 - 14:45	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	15	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Room Characteristics: Media - Data Projector/Monitor(1)								
ECE	1898	1020	11837	ENGINEERING PROJECT	Directed Studies	1 - 6		
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu, Jingtong
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	5	Class Wait Tot: 0	Class Min Enrl: 0
ECE	1898	1030	11838	ENGINEERING PROJECT	Directed Studies	1 - 6		
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao, Zhi-Hong
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	5	Class Wait Tot: 0	Class Min Enrl: 0
ECE	1898	1040	11839	ENGINEERING PROJECT	Directed Studies	1 - 6		
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kerestes, Robert John
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	5	Class Wait Tot: 0	Class Min Enrl: 0
ECE	1898	1050	11840	ENGINEERING PROJECT	Directed Studies	1 - 6		
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Xiong, Feng
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	5	Class Wait Tot: 0	Class Min Enrl: 0
ECE	1898	1060	11841	ENGINEERING PROJECT	Directed Studies	1 - 6		
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jacobs, Steven P
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	5	Class Wait Tot: 0	Class Min Enrl: 0

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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ECE	1898	1070	11842	ENGINEERING PROJECT	Directed Studies	1 - 6	
Bldg: Benedum Hall		Room: 00348		Days: TBA	Time: 00:00 - 00:00	Instructor: Akcakaya, Murat	
Class Enrl Cap: 5		Class Enrl Tot: 1		Class Wait Cap: 5	Class Wait Tot: 0	Class Min Enrl: 0	
ECE	1898	1080	11843	ENGINEERING PROJECT	Directed Studies	1 - 6	
Bldg: Benedum Hall		Room: 00348		Days: TBA	Time: 00:00 - 00:00	Instructor: George, Alan D	
Class Enrl Cap: 5		Class Enrl Tot: 0		Class Wait Cap: 5	Class Wait Tot: 0	Class Min Enrl: 0	

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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics							
ENGR	0020	1010	11722	PROBLTY & STAT FOR ENGINEERS	Lecture	4								
Bldg:		Benedum Hall	Room:	01044	Days:	MW	Time:	14:30 - 16:25	Instructor:	Staff				
Class Enrl Cap:		70	Class Enrl Tot:		30	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Attributes: SCI Quantitative: Statistics GE. Req.														
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
ENGR	0020	1015	11723	PROBLTY & STAT FOR ENGINEERS	Recitation	4								
Bldg:		Benedum Hall	Room:	01044	Days:	F	Time:	08:30 - 10:25	Instructor:	Staff				
Class Enrl Cap:		35	Class Enrl Tot:		6	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
ENGR	0020	1020	11721	PROBLTY & STAT FOR ENGINEERS	Recitation	4								
Bldg:		Benedum Hall	Room:	01044	Days:	F	Time:	11:00 - 12:55	Instructor:	Staff				
Class Enrl Cap:		35	Class Enrl Tot:		24	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
ENGR	0028	1010	11783	ENGR+2: INT'L FLD PROJ - CHILE	Lecture	2								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Attributes: Latin American Studies														
ENGR	0029	1010	11774	INT'L FIELD PROJECT - CHILE	Lecture	1								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Attributes: Latin American Studies														
ENGR	1097	1010	11718	INTERNATIONAL SPECIAL PROJECT	Independent Study	3								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1296	1300	17751	STUDY ABROAD: ICELAND	Independent Study	1 - 18								
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

ENGR	1296	1305	17752	STUDY ABROAD: ICELAND	Independent Study	1 - 18			
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
ENGR	1296	1310	17753	STUDY ABROAD: ICELAND	Independent Study	1 - 18			
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
ENGR	1296	1315	17754	STUDY ABROAD: ICELAND	Independent Study	1 - 18			
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
ENGR	1300	1200	11745	ENERGY TOMORROW	Lecture	6			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lalley, Kristine		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
Attributes:	Global Studies								
ENGR	1300IS	1200	16930	ENERGY TOMORROW - IS	Lecture	0			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
Attributes:	Global Studies								
ENGR	1300OS	1210	16931	ENERGY TOMORROW - OS	Lecture	0			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
Attributes:	Global Studies								
ENGR	1411	1310	17030	EXCHANGE: KOREA UNIVERSITY	Independent Study	1 - 18			
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
ENGR	1411	1320	17031	EXCHANGE: KOREA UNIVERSITY	Independent Study	1 - 18			
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Twelve Week

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1411	1330	17032	EXCHANGE: KOREA UNIVERSITY	Independent Study	1 - 18		
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				
ENGR	1411	1340	17033	EXCHANGE: KOREA UNIVERSITY	Independent Study	1 - 18		
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				
ENGR	1623	1020	14952	ENGR FOR BETTER ENVRN: BRAZIL	Independent Study	3		
Bldg:		Benedum Hall	Room:	00G24	Days:	W	Time: 17:30 - 20:00	Instructor: Sanchez,David Vincent Pangelinan
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Attributes:		Global Studies						
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						
ENGR	3210	1050	14458	ENGR SUSTNBLY CAPSTONE REALZTN	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Schaefer,Laura Atkinson
Class Enrl Cap:		2	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Twelve Week

Swanson School of Engineering - Industrial Engineering - Subject: Industrial Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
IE	1015	1080	14444	GEOGRAPHIC INFORMATION SYSTEMS	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	W	Time: 17:40 - 21:00	Instructor: Regan,Robert David
Class Enrl Cap:		16	Class Enrl Tot:		6	Class Wait Cap: 10		Class Wait Tot: 0
Combined Section ID:		0058(IE/1015/2105) - IE 2105(#14443)						Class Min Enrl: 0
IE	1123	1030	16084	PROJECT MANAGEMENT FOR ENGNRS	Lecture	3		
Bldg:		Benedum Hall	Room:	01044	Days:	Th	Time: 17:40 - 21:00	Instructor: Lee,Patricia
Class Enrl Cap:		15	Class Enrl Tot:		5	Class Wait Cap: 10		Class Wait Tot: 0
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl: 0
Combined Section ID:		0066(IE 2123/IE 1123) - IE 2123(#16085)						
IE	2105	1080	14443	GEOGRAPHIC INFORMATION SYSTEMS	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	W	Time: 17:40 - 21:00	Instructor: Regan,Robert David
Class Enrl Cap:		16	Class Enrl Tot:		1	Class Wait Cap: 0		Class Wait Tot: 0
Combined Section ID:		0058(IE/1015/2105) - IE 1015(#14444)						Class Min Enrl: 0
IE	2123	1030	16085	PROJECT MANAGEMENT FOR ENGNRS	Lecture	3		
Bldg:		Benedum Hall	Room:	01044	Days:	Th	Time: 17:40 - 21:00	Instructor: Lee,Patricia
Class Enrl Cap:		15	Class Enrl Tot:		2	Class Wait Cap: 0		Class Wait Tot: 0
Room Characteristics:		PeopleSoft - Scheduled (PS)(1)						Class Min Enrl: 0
Combined Section ID:		0066(IE 2123/IE 1123) - IE 1123(#16084)						
IE	2997	1010	11711	RESEARCH, M. S.	Directed Studies	1 - 12		
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
Combined Section ID:		0066(IE 2123/IE 1123) - IE 1123(#16084)						Class Min Enrl: 0
IE	2998	1010	11712	GRADUATE PROJECTS/PRACTICUM	Directed Studies	1 - 12		
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rajgopal,Jayant
Class Enrl Cap:		9999	Class Enrl Tot:		1	Class Wait Cap: 0		Class Wait Tot: 0
Combined Section ID:		0066(IE 2123/IE 1123) - IE 1123(#16084)						Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Twelve Week

Swanson School of Engineering - Industrial Engineering - Subject: Industrial Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
IE	2999	1010	11673	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Haight, Joel M Rajgopal, Jayant Luangkesorn, Kiatikun Louis		
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
IE	3997	1010	11674	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chun, Young Jae		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
IE	3998	1010	11675	PH.D. INDEPENDENT STUDY	Independent Study	2 - 12				
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bidanda, Bopaya Zeng, Bo		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
IE	3999	1010	11676	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rajgopal, Jayant Besterfield-Sacre, Mary E		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
IE	3999	1020	16968	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kharoufeh, Jeffrey P Chun, Young Jae		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
IE	3999	1030	17005	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Prokopyev, Oleg Norman, Bryan A		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Twelve Week

Swanson School of Engineering - Mechanical Engineering and Materials Science - Subject: Mech Engr & Materials Sci

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
MEMS	0040	1030	13609	MATERIALS AND MANUFACTURING	Lecture	3	
Bldg: Benedum Hall		Room: 00309		Days: MW	Time: 14:00 - 15:45	Instructor: Nettleship, Ian	
Class Enrl Cap: 43		Class Enrl Tot: 23		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
MEMS	0040	1040	13610	MATERIALS AND MANUFACTURING	Recitation	3	
Bldg: Benedum Hall		Room: 00G37		Days: M	Time: 12:00 - 12:55	Instructor: Nettleship, Ian	
Class Enrl Cap: 43		Class Enrl Tot: 23		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
MEMS	1032	1300	17881	AUTOMOTIVE DSGN & FABRICATION	Lecture	3	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Slaughter, William S	
Class Enrl Cap: 20		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	0023	1010	11786	PLUS 3 COSTA RICA	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Teeter,Ryan A
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Costa Rica, Latin American Studies								
ENGR	0023IS	1010	14904	PLUS 3 COSTA RICA IS	Lecture	0		
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
Attributes: Chile								
ENGR	0023OS	1010	14905	PLUS 3 COSTA RICA OS	Lecture	0		
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
Attributes: Chile								
ENGR	0024	1010	11787	INT'L FIELD PROJECT - CHINA	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: China								
ENGR	0024IS	1010	14906	INT'L FIELD PROJ - CHINA - IS	Lecture	0		
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
Attributes: China								
ENGR	0024OS	1010	14907	INT'L FIELD PROJ - CHINA - OS	Lecture	0		
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
Attributes: China								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	0026	1010	11785	INT'L FIELD PROJECT - GERMANY	Lecture	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Feick, Lawrence F		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
Attributes: Germany							
ENGR	0026IS	1010	14908	INT'L FIELD PROJ-GERMANY - IS	Lecture	0	
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		
Attributes: Germany							
ENGR	0026OS	1010	14909	INT'L FIELD PROJ-GERMANY - OS	Lecture	0	
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		
Attributes: Germany							
ENGR	0033	1060	14877	PLUS 3 VIETNAM	Lecture	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Johnson, Ellen M		
Class Enrl Cap: 30		Class Enrl Tot: 1	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
Attributes: Vietnam							
ENGR	0033IS	1050	14935	PLUS 3 VIETNAM IS	Lecture	0	
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		
Attributes: Vietnam							
ENGR	0033OS	1050	14936	PLUS 3 VIETNAM OS	Lecture	0	
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		
Attributes: Vietnam							

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	0034	1050	16447	ENGR PERSP RENASNC & SUSTNBLY	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson, Anne M Galdi, Giovanni Paolo
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	0034IS	1050	16448	ENGR PERSPTVS RENASNC SUS - IS	Lecture	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	0034OS	1050	16449	ENGR PERSPTVS RENASNC SUS - OS	Lecture	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1205	1010	11748	PITT ENGINRING IN AUSTRALIA ET	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1207	1400	11743	PITT ENGINRING AUSTRALIA ET NP	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1256	1020	15685	ENGINEERING IN THE AMERICAS	Lecture	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo, Luis E
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1256IS	1020	15686	ENGINEERING IN AMERICAS - IS	Lecture	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Four Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	12560S	1020	15687	ENGINEERING IN THE AMERICAS-OS	Lecture	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	ENGR AMERICAS BEFORE COLUMBUS Instructor: Staff
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1450	1050	16916	ENGINEERING- THE GERMAN WAY	Independent Study	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lalley,Kristine
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
Combined Section ID: 0004(ENGR 1450/ENGR 2450) - ENGR 2450(#16919)								
ENGR	1450IS	1050	16917	ENGINEERING - THE GER WAY - IS	Independent Study	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
Combined Section ID: 0001(ENGR 1450IS/ENGR 2450IS) - ENGR 2450IS(#16920)								
ENGR	1450OS	1050	16918	ENGINEERING - THE GER WAY - OS	Independent Study	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
Combined Section ID: 0002(ENGR 1450IS/ENGR 2450S) - ENGR 2450OS(#16921)								
ENGR	1704	1080	16756	THE FRENCH NUCLEAR CYCLE	Lecture	3		
Bldg:		Benedum Hall	Room:	00226	Days:	TuTh	Time: 15:00 - 15:50	Instructor: Cole,Daniel G Congedo,Thomas Vincent
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)								
ENGR	1704IS	1010	16908	THE FRENCH NUCLEAR CYCLE	Lecture	0		
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
ENGR	1704OS	1010	16909	THE FRENCH NUCLEAR CYCLE	Lecture	0		
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

ENGR 2450 1050 16919 ENGINEERING- THE GERMAN WAY Independent Study 1 - 18
Bldg: TO BE ARRANGED **Room:** TBA **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Lalley,Kristine
Class Enrl Cap:10 **Class Enrl Tot:**0 **Class Wait Cap:**0 **Class Wait Tot:**0 **Class Min Enrl:**0
Combined Section ID: 0004(ENGR 1450/ENGR 2450) - ENGR 1450(#16916)

ENGR 2450IS 1050 16920 ENGINEERING - THE GER WAY - ISIndependent Study 0
Bldg: TO BE ARRANGED **Room:** TBA **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Staff
Class Enrl Cap:10 **Class Enrl Tot:**0 **Class Wait Cap:**0 **Class Wait Tot:**0 **Class Min Enrl:**0
Combined Section ID: 0001(ENGR 1450IS/ENGR 2450IS) - ENGR 1450IS(#16917)

ENGR 2450OS 1050 16921 ENGINEERING - THE GER WAY - OSIndependent Study 0
Bldg: TO BE ARRANGED **Room:** TBA **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Staff
Class Enrl Cap:10 **Class Enrl Tot:**0 **Class Wait Cap:**0 **Class Wait Tot:**0 **Class Min Enrl:**0
Combined Section ID: 0002(ENGR 1450IS/ENGR 2450S) - ENGR 1450OS(#16918)

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - Second

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CHE	3980	1091	19853	PHD RESEARCH METHODOLOGY	Practicum	1	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis		
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
CHE	3990	1085	14335	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis		
Class Enrl Cap: 30		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - Second

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	1213	1420	11788	ENGR SERVICE LEARNING: BRAZIL	Independent Study	6	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00		Instructor: Staff	
Class Enrl Cap: 25		Class Enrl Tot: 0		Class Wait Cap: 20		Class Wait Tot: 0	
Attributes: Latin American Studies						Class Min Enrl: 0	

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - Third

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics							
CHE	0602	1600	20972	CHE SAFETY AND ETHICS	Lecture	2								
Bldg:		Benedum Hall	Room:	00309	Days:	MWTh	Time:	11:00 - 13:15	Instructor:	Enick,Robert M				
Class Enrl Cap:		35	Class Enrl Tot:		14	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
CHE	1097	1530	14224	SPECIAL PROJECT	Directed Studies	1 - 12								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:		Staff			
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
CHE	2910	1400	11798	SPECIAL PROJECTS	Independent Study	1 - 12								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:		Staff			
Class Enrl Cap:		15	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
CHE	3910	1430	11797	INDIVIDUAL STUDY	Independent Study	1 - 3								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:		Staff			
Class Enrl Cap:		20	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
CHE	3990	1075	14333	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:					
Class Enrl Cap:		30	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Four Week - Third

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	1623IS	1020	14953	ENGR BETTER ENVRN: BRAZIL - IS	Independent Study	0	
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	
Attributes: Global Studies						Class Min Enrl: 0	
ENGR	1623OS	1020	14954	ENGR BETTER ENVRN: BRAZIL - OS	Independent Study	0	
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	
Attributes: Global Studies						Class Min Enrl: 0	

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Six Week - First

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CHE	1097	1450	14232	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00		Instructor:	
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0		Class Min Enrl: 0	

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Six Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ENGR	1011	1200	20415	MODERN MACHINING PROCESSES	Lecture	2				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	MWF	Time:	08:30 - 10:00	Instructor:	Bidanda,Bopaya
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1012	1200	20416	MOD MACHINING PROCESSES LAB 1 Credit	Laboratory	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	MWF	Time:	10:00 - 12:20	Instructor:	Bidanda,Bopaya
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1013	1200	20417	MOD MACHINING PROCESSES LAB 2 Credit	Laboratory	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TuTh	Time:	08:30 - 15:30	Instructor:	Bidanda,Bopaya
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1255	1200	17012	STUDY ABROAD: KOREA	Independent Study	1 - 18				
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
ENGR	1255	1205	17013	STUDY ABROAD: KOREA	Independent Study	1 - 18				
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
ENGR	1255	1210	17014	STUDY ABROAD: KOREA	Independent Study	1 - 18				
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
ENGR	1255	1215	17015	STUDY ABROAD: KOREA	Independent Study	1 - 18				
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Six Week - First

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	1258	1200	17008	STUDY ABROAD: POLAND	Independent Study	1 - 18	
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	
Attributes: Russian & East European Studies							
ENGR	1258	1205	17009	STUDY ABROAD: POLAND	Independent Study	1 - 18	
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	
Attributes: Russian & East European Studies							
ENGR	1258	1210	17010	STUDY ABROAD: POLAND	Independent Study	1 - 18	
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	
Attributes: Russian & East European Studies							
ENGR	1258	1215	17011	STUDY ABROAD: POLAND	Independent Study	1 - 18	
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	
Attributes: Russian & East European Studies							

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Six Week - First

Swanson School of Engineering - Industrial Engineering - Subject: Industrial Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
IE	1082	1010	20117	PROBLSTC METH IN OPERATNS RES	Lecture	3	
Bldg: Benedum Hall		Room: 01044	Days: MWF	Time: 11:00 - 13:30	Instructor: Maillart, Lisa Marie		
Class Enrl Cap: 40		Class Enrl Tot: 9	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 Summer Term 2019-2020
 Six Week - Second

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CHE	1097	1460	14221	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Enick,Robert M
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3004	1015	11773	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3004	1020	19650	PRACTICUM	Practicum	1		
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
CHE	3004	1030	19651	PRACTICUM	Practicum	1		
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
CHE	3004	1040	19652	PRACTICUM	Practicum	1		
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
CHE	3004	1050	19653	PRACTICUM	Practicum	1		
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
CHE	3004	1060	19654	PRACTICUM	Practicum	1		
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
CHE	3004	1070	19655	PRACTICUM	Practicum	1		
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Six Week - Second

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1206	1200	11742	PITT ENGINRING IN AUSTRALIA 2K	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1208	1200	11744	PITT ENGINRING AUSTRALIA 2K NP	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1229	1010	18283	STUDY ABROAD: TURKEY	Independent Study	1 - 18		
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
Attributes: Russian & East European Studies								
ENGR	1229	1015	18284	STUDY ABROAD: TURKEY	Independent Study	1 - 18		
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
Attributes: Russian & East European Studies								
ENGR	1229	1020	18285	STUDY ABROAD: TURKEY	Independent Study	1 - 18		
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
Attributes: Russian & East European Studies								
ENGR	1229	1025	18286	STUDY ABROAD: TURKEY	Independent Study	1 - 18		
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
Attributes: Russian & East European Studies								
ENGR	1229	1030	18287	STUDY ABROAD: TURKEY	Independent Study	1 - 18		
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
Attributes: Russian & East European Studies								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Six Week - Second

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1350	1350	17026	SUMMER EDGE: MUNICH	Independent Study	1 - 15		
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
ENGR	1350	1355	17042	SUMMER EDGE: MUNICH	Independent Study	1 - 15		
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
ENGR	1350	1360	17043	SUMMER EDGE: MUNICH	Independent Study	1 - 15		
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
ENGR	1350IS	1350	17025	SUMMER EDGE: MUNICH - IS	Independent Study	0		
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
Reserve Capacity:			01-FEB-2020	Summer Edge	Reserve Enrl Cap:	35	Reserve Enrl Tot:	0
ENGR	1350OS	1350	17024	SUMMER EDGE: MUNICH - OS	Independent Study	0		
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
Reserve Capacity:			01-FEB-2020	Summer Edge	Reserve Enrl Cap:	35	Reserve Enrl Tot:	0
ENGR	1351	1350	17023	SUMMER EDGE: AUSTRALIA	Independent Study	1 - 15		
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
ENGR	1351IS	1350	17022	SUMMER EDGE: AUSTRALIA - IS	Independent Study	0		
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
Reserve Capacity:			01-FEB-2020	Summer Edge	Reserve Enrl Cap:	35	Reserve Enrl Tot:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Six Week - Second

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1351OS	1350	17021	SUMMER EDGE: AUSTRALIA - OS	Independent Study	0		
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
Reserve Capacity:		01-FEB-2020	Summer Edge	Reserve Enrl Cap:		35	Reserve Enrl Tot:	0
ENGR	1352	1350	17020	STUDY ABROAD: NETHERLANDS	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander Lalley,Kristine
Class Enrl Cap:		35	Class Enrl Tot:		0	Class Wait Cap: 20		Class Wait Tot: 0
Reserve Capacity:		01-FEB-2020	Summer Edge	Reserve Enrl Cap:		35	Reserve Enrl Tot:	0
ENGR	1352IS	1350	17018	SUMMER EDGE: BRAZIL - IS	Independent Study	0		
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
Reserve Capacity:		01-FEB-2020	Summer Edge	Reserve Enrl Cap:		35	Reserve Enrl Tot:	0
ENGR	1352OS	1350	17019	SUMMER EDGE: BRAZIL - OS	Independent Study	0		
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
Reserve Capacity:		01-FEB-2020	Summer Edge	Reserve Enrl Cap:		35	Reserve Enrl Tot:	0

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Six Week - SecondSwanson School of Engineering - Industrial Engineering - Subject: Industrial Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics		
IE	1098	1210	18604	SPECIAL PROJECTS	Directed Studies	1 - 4			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Bursic, Karen M
Class Enrl Cap:	12	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Six Week - SecondSwanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ME	3997	1200	18614	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Ban,Heng		
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Bioengineering Program - Subject: Bioengineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
BIOENG	1095	1010	11751	SPECIAL PROJECTS	Directed Studies	1 - 6	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Mahboobin, Arash		
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
BIOENG	2095	1010	11694	GRADUATE PROJECTS	Directed Studies	1 - 6	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Federspiel, William		
						Gurleyik, Kilichan	
						Wagner, William R	
						Sigal, Ian Alejandro	
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
BIOENG	2250	1010	11791	CARDIO CLINICAL INTERNSHIPS	Clinical	1 - 6	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Schaub Jr, Richard D		
Class Enrl Cap: 30		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
BIOENG	2999	1010	11695	M.S. THESIS	Thesis Research	1 - 12	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Shroff, Sanjeev Govinddas		
						Schneider, Walter	
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
BIOENG	3095	1010	11696	GRADUATE PROJECTS	Directed Studies	1 - 6	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Borovetz, Harvey S		
						Beschorner, Kurt E.	
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
BIOENG	3997	1020	11809	RESEARCH, PHD	Thesis Research	1 - 15	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Shroff, Sanjeev Govinddas		
						Collinger, Jennifer Lynn	
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

BIOENG 3999 1010 11697 PH.D. DISSERTATION Thesis Research 1 - 15

Bldg: TO BE ARRANGED **Room:** TBA **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Ibrahim,Tamer Selim

Beschorner,Kurt E.

Class Enrl Cap: 35 **Class Enrl Tot:** 0 **Class Wait Cap:** 0 **Class Wait Tot:** 0 **Class Min Enrl:** 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	1996	1010	11655	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Oyler,John F		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1011	14541	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Abad,Jorge Darwin		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1012	14540	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Oyler,John F		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1013	13703	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1015	11845	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Budny,Daniel David		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1020	11846	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1025	11847	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1030	11848	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lin,Jeen-Shang		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	1996	1035	11849	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Neufeld,Ronald D		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1040	11850	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1045	11851	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bilec,Melissa M		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1050	11852	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Torkamani,Morteza A M		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1055	11853	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo,Luis E		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1060	11854	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vandenbossche,Julie Marie		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1065	11855	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Liang,Xu		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
CEE	1996	1070	11856	SPECIAL PROJECTS	Directed Studies	1 - 4				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rizzo,Piervincenzo		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CEE	1996	1075	11857	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vidic,Radisav
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1996	1080	13701	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1996	1085	14538	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Brigham,John C
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1996	1090	13702	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iannacchione,Anthony T
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
CEE	1996	1095	14539	SPECIAL PROJECTS	Directed Studies	1 - 4		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Khanna,Vikas
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2996	1010	11656	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9		
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2996	1011	13706	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9		
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CEE	2996	1012	14544	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iannacchione,Anthony T
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	2996	1013	14212	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1014	14545	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Khanna,Vikas	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1015	11858	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Harries,Kent Alexander	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1020	11859	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Gilbertson,Leanne Marie	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1025	11860	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Lin,Jeen-Shang	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1030	11861	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Yu,Qiang	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1035	11862	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Magalotti,Mark Joseph	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1040	11863	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Budny,Daniel David	
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CEE	2996	1045	11864	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Rizzo,Piervincenzo
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1050	11865	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Torkamani,Morteza A M
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1055	11866	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Vallejo,Luis E
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1060	11867	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Vandenbossche,Julie Marie
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1065	11868	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Vidic,Radisav
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1075	11869	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Liang,Xu
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1080	13704	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Bilec,Melissa M
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					
CEE	2996	1085	14542	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9	
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00
	Instructor:						Brigham,John C
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
	Class Min Enrl:	0					

CEE	2996	1090	13705	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bungler, Andrew P		
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2996	1095	14543	SPEC INVSTGTN FOR M.S. STUDNTS	Directed Studies	1 - 9			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1010	11657	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vidic, Radisav		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1011	13707	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bilec, Melissa M		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1012	13708	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sun, Hao		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1013	13709	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	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
CEE	2999	1014	14213	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Liang, Xu		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1015	11870	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson, Leonard W		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1016	14214	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Brigham, John C		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	2999	1020	11871	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1025	11872	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1030	11873	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lin,Jeen-Shang		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1035	11874	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Budny,Daniel David		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1040	11875	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rizzo,Piervincenzo		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1045	14527	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1050	11907	M.S. THESIS	Thesis Research	1 - 15				
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:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	2999	1055	14528	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iannacchione,Anthony T		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CEE	2999	1060	11908	M.S. THESIS	Thesis Research	1 - 15		
	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:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	2999	1065	14529	M.S. THESIS	Thesis Research	1 - 15		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Khanna,Vikas
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	2999	1070	11909	M.S. THESIS	Thesis Research	1 - 15		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Torkamani,Morteza A M
	Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	2999	1075	14530	M.S. THESIS	Thesis Research	1 - 15		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	2999	1080	11910	M.S. THESIS	Thesis Research	1 - 15		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo,Luis E
	Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	2999	1090	11911	M.S. THESIS	Thesis Research	1 - 15		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vandebossche,Julie Marie
	Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	3996	1010	11659	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6		
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
CEE	3996	1011	13712	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6		
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				

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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3996	1012	14534	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1013	14215	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Brigham,John C		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1015	11876	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1020	11877	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1025	11878	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lin,Jeen-Shang		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1030	11879	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1035	11880	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1040	11881	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Budny,Daniel David		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3996	1045	11882	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rizzo,Piervincenzo		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1050	11883	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Torkamani,Morteza A M		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1055	11884	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo,Luis E		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1060	11885	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vandebossche,Julie Marie		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1065	11886	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vidic,Radisav		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1070	11887	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Liang,Xu		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1075	14531	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1080	13710	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
	Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bilec,Melissa M		
	Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3996	1085	14532	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iannacchione,Anthony T		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1090	13711	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3996	1095	14533	SPEC INVSTGTN FOR PH.D. STDNT Directed Studies		1 - 6				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Khanna,Vikas		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1010	11658	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1011	13714	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bunger,Andrew P		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1012	13715	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1013	14216	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1015	11888	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3997	1020	11889	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1025	11890	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Liang,Xu		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1030	11891	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lin,Jeen-Shang		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1035	11892	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1040	11893	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1045	11894	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Budny,Daniel David		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1050	11895	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rizzo,Piervincenzo		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1055	11896	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Torkamani,Morteza A M		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3997	1060	11912	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo,Luis E		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1065	14535	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Brigham,John C		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1070	11913	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vandenbossche,Julie Marie		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1075	14536	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iannacchione,Anthony T		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1080	11914	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vidic,Radisav		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1085	14537	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Khanna,Vikas		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1090	13713	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bilec,Melissa M		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3997	1095	14668	RESEARCH, PH.D	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CEE	3999	1010	11660	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yu,Qiang		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1011	13717	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1012	14526	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1013	13718	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1014	14217	PH.D. DISSERTATION	Thesis Research	1 - 15			
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:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1015	11897	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1020	11898	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Harries,Kent Alexander		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1025	11899	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lin,Jeen-Shang		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1030	11900	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Civil & Environmental Engineer

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CEE	3999	1035	11901	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Budny, Daniel David		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1040	11902	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Rizzo, Piervincenzo		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1045	11903	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Torkamani, Morteza A M		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1050	11904	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vallejo, Luis E		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1055	11905	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vandenbossche, Julie Marie		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1060	11906	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vidic, Radisav		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1070	11915	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Liang, Xu		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1075	14523	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Brigham, John C		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CEE	3999	1080	11916	PH.D. DISSERTATION	Thesis Research	1 - 15			
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:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1085	14524	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Iannacchione,Anthony T	
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1090	13716	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00949	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Bilec,Melissa M	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CEE	3999	1095	14525	PH.D. DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor:	Khanna,Vikas	
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Civil and Environmental Engineering - Subject: Public Works & Engr Admin

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics							
PWEA	2996	1010	11691	SPEC INVSTGTN FOR MPW STUDENTS	Directed Studies	1 - 6								
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		20	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
PWEA	2997	1010	11690	RESEARCH, M.P.W.	Directed Studies	1 - 15								
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		15	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
PWEA	2999	1010	11692	M.P.W. THESIS	Thesis Research	1 - 15								
Bldg:		Benedum Hall	Room:	00949	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		15	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0

University of Pittsburgh
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Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CHE	0400	1010	11801	REACTIVE PROCESS ENGINEERING	Lecture	5		
	Bldg:	Benedum Hall	Room:	00938A	Days:	MWF	Time: 09:00 - 10:50	
	Bldg:	Benedum Hall	Room:	00938B	Days:	MWF	Time: 09:00 - 10:50	
	Instructor:						Instructor:	Keith,John A
	Class Enrl Cap:	72	Class Enrl Tot:	19	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
CHE	0400	1020	11802	REACTIVE PROCESS ENGINEERING	Recitation	5		
	Bldg:	Benedum Hall	Room:	00938A	Days:	Tu	Time: 09:00 - 10:50	
	Bldg:	Benedum Hall	Room:	00938B	Days:	Tu	Time: 09:00 - 10:50	
	Instructor:						Instructor:	Davidson,Shanna
	Class Enrl Cap:	72	Class Enrl Tot:	19	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
CHE	0401	1010	11800	REACTIVE PROCESS ENGR LAB	Practicum	1		
	Bldg:	Benedum Hall	Room:	00938A	Days:	Th	Time: 09:00 - 10:50	
	Bldg:	Benedum Hall	Room:	00938B	Days:	Th	Time: 09:00 - 10:50	
	Instructor:						Instructor:	McMahon,Michael D
	Class Enrl Cap:	72	Class Enrl Tot:	19	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
CHE	0613	1000	16608	SYS ENGR 2: PROCESS DESIGN	Lecture	5		
	Bldg:	Benedum Hall	Room:	00309	Days:	MTuWF	Time: 09:00 - 10:50	
	Class Enrl Cap:	84	Class Enrl Tot:	15	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
CHE	1097	1010	11661	SPECIAL PROJECT	Directed Studies	1 - 12		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	
	Instructor:						Instructor:	Banerjee,Ipsita
	Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
CHE	1097	1015	14227	SPECIAL PROJECT	Directed Studies	1 - 12		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	
	Instructor:						Instructor:	Johnson,J Karl
	Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0
CHE	1097	1020	14219	SPECIAL PROJECT	Directed Studies	1 - 12		
	Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	
	Instructor:						Instructor:	Bayles,Taryn Melkus
	Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
			Class Wait Tot:	0			Class Min Enrl:	0

CHE	1097	1025	14228	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1030	14220	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman,Eric J
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1035	14229	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta,Prashant N
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1045	14230	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1050	14222	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1055	14231	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1060	14223	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Enick,Robert M
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1065	14233	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1070	14234	SPECIAL PROJECT	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CHE	1097	1075	16601	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker, Jason Edward
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1080	16602	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar, Sachin Shankar
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1085	16603	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vesper, Goetz
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1090	14226	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Fullerton Shirey, Susan K
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	1097	1095	16604	SPECIAL PROJECT	Directed Studies	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wilmer, Christopher Eli
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1005	14253	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wilmer, Christopher Eli
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1010	11662	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee, Ipsita
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1015	14244	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Klinzing, George E
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

CHE	2910	1020	14236	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bayles,Taryn Melkus
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1025	14245	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta,Prashant N
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1030	14237	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman,Eric J
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1035	14246	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1040	14238	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1045	14247	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Little,Steven R.
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1050	14239	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Enick,Robert M
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1055	14248	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2910	1060	14240	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Federspiel,William
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	2910	1065	14249	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1070	14241	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Fullerton Shirey,Susan K		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1075	14250	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1080	14242	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Johnson,J Karl		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1085	14251	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar,Sachin Shankar		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1090	14243	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2910	1095	14252	SPECIAL PROJECTS	Independent Study	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Veser,Goetz		
Class Enrl Cap:		15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1005	14270	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Leu,Paul W		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	2980	1010	11698	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Banerjee, Ipsita	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1020	14254	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Bayles, Taryn Melkus	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1025	14255	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Beckman, Eric J	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1030	14256	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Bourmpakis, Ioannis	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1035	14257	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Fullerton Shirey, Susan K	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1040	14258	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Johnson, J Karl	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1045	14259	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Keith, John A	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1050	14260	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Kumta, Prashant N	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	2980	1055	14261	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Li, Lei	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	

University of Pittsburgh
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Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	2980	1060	14262	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy, Joseph John		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1065	14263	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone, James R		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1070	14264	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi, Badie I		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1075	14265	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker, Robert S		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1080	14266	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker, Jason Edward		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1085	14267	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar, Sachin Shankar		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1090	14268	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vesper, Goetz		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2980	1095	14269	MS RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wagner, William R		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	2999	1010	11663	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee,Ipsita
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1015	14271	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang,Guofeng
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1020	14272	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman,Eric J
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1025	14273	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1030	14274	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Fullerton Shirey,Susan K
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1035	14275	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Johnson,J Karl
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1040	14276	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1045	14277	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta,Prashant N
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	2999	1050	14278	M.S. THESIS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
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Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	2999	1055	14279	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy, Joseph John		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1060	14280	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone, James R		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1065	14281	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi, Badie I		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1070	14282	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker, Robert S		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1075	14283	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker, Jason Edward		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1080	14284	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar, Sachin Shankar		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1085	14285	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Veser, Goetz		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	2999	1090	14286	M.S. THESIS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wagner, William R		
Class Enrl Cap:		70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	2999	1095	14287	M.S. THESIS	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Leu,Paul W		
Class Enrl Cap:	70	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3004	1010	18499	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3004	1090	19665	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3004	1091	19666	PRACTICUM	Practicum	1			
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
CHE	3004	1092	19667	PRACTICUM	Practicum	1			
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
CHE	3004	1093	19668	PRACTICUM	Practicum	1			
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
CHE	3004	1094	19669	PRACTICUM	Practicum	1			
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
CHE	3004	1095	19670	PRACTICUM	Practicum	1			
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
CHE	3004	1096	19671	PRACTICUM	Practicum	1			
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

University of Pittsburgh
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 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	3910	1010	11664	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee, Ipsita		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1015	14288	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman, Eric J		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1020	14289	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis, Ioannis		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1025	14290	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Federspiel, William		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1030	14291	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Fullerton Shirey, Susan K		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1035	14292	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Johnson, J Karl		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1040	14293	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith, John A		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1045	14294	INDIVIDUAL STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta, Prashant N		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	3910	1050	14295	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1055	14296	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Little,Steven R.		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1060	14297	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1065	14298	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1070	14299	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi,Badie I		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1075	14300	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1080	14301	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker,Jason Edward		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1085	14302	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar,Sachin Shankar		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3910	1090	14303	INDIVIDUAL STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Veser,Goetz		
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
CHE	3910	1095	14304	INDIVIDUAL STUDY	Independent Study	1 - 3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wilmer,Christopher Eli
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1005	14313	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Little,Steven R.
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1010	11699	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee,Ipsita
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1015	14314	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1020	14305	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman,Eric J
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1025	14315	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1030	14306	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3980	1035	14316	PHD RESEARCH METHODOLOGY	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi,Badie I
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

CHE	3980	1040	14307	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Federspiel,William	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1045	14317	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Parker,Robert S	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1050	14308	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Fullerton Shirey,Susan K	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1055	14318	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Shoemaker,Jason Edward	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1060	14309	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Johnson,J Karl	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1065	14319	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Velankar,Sachin Shankar	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1070	14310	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Keith,John A	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1075	14320	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Veser,Goetz	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	
CHE	3980	1080	14311	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Kumta,Prashant N	
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0	

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	3980	1085	14321	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wilmer,Christopher Eli		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3980	1090	14312	PHD RESEARCH METHODOLOGY	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1005	14337	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vesper,Goetz		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1010	11665	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee,Ipsita		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1015	14338	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wilmer,Christopher Eli		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1020	14322	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman,Eric J		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1025	14323	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis,Ioannis		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3990	1030	14324	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Federspiel,William		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	3990	1035	14325	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Johnson,J Karl
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1040	14326	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1045	14327	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta,Prashant N
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1050	14328	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1055	14329	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Little,Steven R.
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1060	14330	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1065	14331	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1070	14332	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi,Badie I
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3990	1080	14334	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker,Jason Edward
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
CHE	3990	1090	14336	ADVANCED GRADUATE PROJECTS	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Velankar, Sachin Shankar		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1005	14354	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vesper, Goetz		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1010	11666	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Banerjee, Ipsita		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1015	14339	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Beckman, Eric J		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1020	14340	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bourmpakis, Ioannis		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1025	14341	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Federspiel, William		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1030	14342	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Fullerton Shirey, Susan K		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
CHE	3999	1035	14343	PH.D. DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Johnson, J Karl		
Class Enrl Cap:		45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

CHE	3999	1040	14344	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Keith,John A
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1045	14345	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kumta,Prashant N
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1050	14346	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Lei
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1055	14347	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Little,Steven R.
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1060	14348	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McCarthy,Joseph John
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1065	14349	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: McKone,James R
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1070	14350	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi,Badie I
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1080	14351	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Parker,Robert S
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
CHE	3999	1085	14352	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Shoemaker,Jason Edward
Class Enrl Cap:	45	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Chemical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
CHE	3999	1090	14353	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Velankar,Sachin Shankar		
Class Enrl Cap: 45		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
CHE	3999	1095	14355	PH.D. DISSERTATION	Thesis Research	1 - 15	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Wilmer,Christopher Eli		
Class Enrl Cap: 45		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Chemical and Petroleum Engineering - Subject: Petroleum Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
PETE	1097	1010	11715	SPECIAL PROJECTS	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bungler,Andrew P
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	1097	1020	16158	SPECIAL PROJECTS	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Enick,Robert M
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	1097	1030	16159	SPECIAL PROJECTS	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iezzi,Andrew
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	1097	1040	16160	SPECIAL PROJECTS	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Morsi,Badie I
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	1097	1050	16161	SPECIAL PROJECTS	Directed Studies	1 - 6		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Veser,Goetz
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	2910	1010	16401	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bungler,Andrew P
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	2910	1020	16402	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Enick,Robert M
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				
PETE	2910	1030	16403	SPECIAL PROJECTS	Independent Study	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Iezzi,Andrew
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
			Class Min Enrl:	0				

PETE	2910	1040	16404	SPECIAL PROJECTS	Independent Study	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Morsi,Badie I						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2980	1010	16397	MS RESEARCH METHODOLOGY	Practicum	1	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Bunger,Andrew P						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2980	1020	16398	MS RESEARCH METHODOLOGY	Practicum	1	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Enick,Robert M						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2980	1030	16399	MS RESEARCH METHODOLOGY	Practicum	1	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Iezzi,Andrew						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2980	1040	16400	MS RESEARCH METHODOLOGY	Practicum	1	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Morsi,Badie I						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2999	1010	11689	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Bunger,Andrew P						
Class Enrl Cap:	15	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2999	1015	16605	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Iezzi,Andrew						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
PETE	2999	1020	16606	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Morsi,Badie I						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2990	1010	17138	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: George, Alan D		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2990	1020	17139	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1030	17140	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1040	17141	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1050	17142	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1060	17143	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1070	17144	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1080	17145	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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

ECE	2990	1090	17146	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1100	17147	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1110	17148	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1120	17149	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1130	17150	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1140	17151	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1150	17152	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1160	17153	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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
ECE	2990	1170	17154	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5			
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2990	1180	17155	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1190	17156	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1200	17157	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
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
ECE	2990	1250	16375	MBA/MS GRADUATE PROJECTS	Directed Studies	1.5				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1001	13653	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang,Jun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1002	13654	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yun,Minhee		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1003	13655	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed,Gregory F.		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1004	13656	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sejdic,Ervin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	2997	1005	13643	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Bayoumy, Mohamed Ashraf Saad Zaghloul Mohamed
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1010	11667	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Abdelhakim, Mai Mahmoud
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1015	13644	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	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			
ECE	2997	1020	13635	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Chen, Peng
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1025	13645	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Huppert, Theodore J
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1030	13636	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Gao, Wei
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1035	13646	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: Youngblood, Nathan
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			
ECE	2997	1040	13637	RESEARCH, MS	Directed Studies	1 - 12
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00
						Instructor: El-Jaroudi, Amro
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0
		Class Min Enrl:	0			

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2997	1045	13647	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Guangyong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1050	13638	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger,Brandon Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1055	13648	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	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
ECE	2997	1060	13639	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu,Jingtong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1065	13649	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1070	13640	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: George,Alan D		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1075	13650	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kwasinski,Alexis		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1080	13641	RESEARCH, MS	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jones,Alexander Keith		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	2997	1085	13651	RESEARCH, MS	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Akcakaya, Murat		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1090	13642	RESEARCH, MS	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kim, Hong Koo		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2997	1095	13652	RESEARCH, MS	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sun, Mingui		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1001	13675	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang, Jun		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1002	13676	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yun, Minhee		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1003	13677	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed, Gregory F.		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1004	13678	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Dickerson, Samuel J		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1005	13665	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huang, Heng		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1010	11668	GRADUATE PROJECTS	Directed Studies	3			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jacobs, Steven P		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2998	1015	13666	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Abdelhakim,Mai Mahmoud		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1020	13657	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chen,Peng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1025	13667	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Akcakaya,Murat		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1030	13658	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gao,Wei		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1035	13668	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kerestes,Robert John		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1040	13659	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: El-Jaroudi,Amro		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1045	13669	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Guangyong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2998	1050	13660	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: George,Alan D		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	2998	1055	13670	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	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				
<hr/>							
ECE	2998	1060	13661	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Grainger, Brandon Michael						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
<hr/>							
ECE	2998	1065	13671	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Mao, Zhi-Hong						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
<hr/>							
ECE	2998	1070	13662	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Hu, Jingtong						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
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ECE	2998	1075	13672	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Kwasinski, Alexis						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
<hr/>							
ECE	2998	1080	13663	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Jones, Alexander Keith						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
<hr/>							
ECE	2998	1085	13673	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Bayoumy, Mohamed Ashraf Saad Zaghloul Mohamed						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
<hr/>							
ECE	2998	1090	13664	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Kim, Hong Koo						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2998	1095	13674	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huppert, Theodore J		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1001	13697	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang, Jun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1002	13698	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yun, Minhee		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1003	13699	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed, Gregory F.		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1004	13700	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Abdelhakim, Mai Mahmoud		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1005	13687	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huang, Heng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1010	11669	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sejdic, Ervin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1015	13688	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		35	Class Enrl Tot:	1	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	2999	1020	13679	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chen, Peng		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1025	13689	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jacobs, Steven P		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1030	13680	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gao, Wei		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1035	13690	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Dallal, Ahmed Hassan Sayed		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1040	13681	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: El-Jaroudi, Amro		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1045	13691	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li, Guangyong		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1050	13682	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: George, Alan D		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1055	13692	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	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
ECE	2999	1060	13683	MS THESIS	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger, Brandon Michael		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	2999	1065	13693	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1070	13684	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu,Jingtong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1075	13694	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kwasinski,Alexis		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1080	13685	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jones,Alexander Keith		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1085	13695	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barati,Masoud		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1090	13686	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kim,Hong Koo		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	2999	1095	13696	MS THESIS	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bayoumy,Mohamed Ashraf Saad		
								Zaghloul Mohamed		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ECE	3000	1010	11772	PRACTICUM	Practicum	1		
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 Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1011	15072	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chen,Peng
Class Enrl Cap:		99	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1012	15073	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huang,Heng
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1013	15074	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: El-Jaroudi,Amro
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1014	15075	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger,Brandon Michael
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1015	15076	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jones,Alexander Keith
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1016	15077	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu,Jingtong
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
ECE	3000	1017	15078	PRACTICUM	Practicum	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kim,Hong Koo
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						

ECE	3000	1018	15079	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Li,Guangyong
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1019	15080	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Miskov- Zivanov,Natasa
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1020	13577	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Sejdic,Ervin
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1021	15081	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Mohanram,Kartik
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1022	15082	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Gao,Wei
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1023	15083	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	George,Alan D
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1030	13578	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Reed,Gregory F.
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1040	13579	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Mao,Zhi-Hong
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3000	1050	13580	PRACTICUM	Practicum	1			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Akcakaya,Murat
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	3000	1060	13581	PRACTICUM	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang,Jun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3995	1010	11796	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3995	1011	15084	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Xiong,Feng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3995	1012	15085	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Dallal,Ahmed Hassan Sayed		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3995	1013	15086	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
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
ECE	3995	1014	15087	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
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
ECE	3995	1015	15088	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
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
ECE	3995	1016	15089	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
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

ECE	3995	1017	15090	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
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				
ECE	3995	1018	15091	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
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				
ECE	3995	1019	15092	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
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				
ECE	3995	1020	13582	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Gao,Wei						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ECE	3995	1021	15093	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
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				
ECE	3995	1022	15094	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
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				
ECE	3995	1030	13583	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Chen,Peng						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ECE	3995	1040	13584	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Yun,Minhee						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ECE	3995	1050	13585	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Kim,Hong Koo						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	3995	1060	13586	RES TOPC ELCRCL & COMPUTR ENGR	Lecture	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao, Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1001	13605	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Zhan, Liang		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1002	13606	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang, Jun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1003	13607	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yun, Minhee		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1004	13608	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed, Gregory F.		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1005	13595	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kim, Hong Koo		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1010	11670	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sejdic, Ervin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1015	13596	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huang, Heng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	3997	1020	13587	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kwasinski,Alexis		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1025	13597	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	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
ECE	3997	1030	13588	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chen,Peng		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1035	13598	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barati,Masoud		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1040	13589	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gao,Wei		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1045	13599	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bayoumy,Mohamed Ashraf Saad Zaghloul Mohamed		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1050	13590	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: El-Jaroudi,Amro		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1055	13600	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li,Guangyong		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	3997	1060	13591	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: George,Alan D		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1065	13601	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huppert,Theodore J		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1070	13592	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger,Brandon Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1075	13602	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1080	13593	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu,Jingtong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1085	13603	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee,In Hee		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1090	13594	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jones,Alexander Keith		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3997	1095	13604	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Youngblood,Nathan		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	3998	1010	20984	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1015	20985	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1020	20986	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1025	20987	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1030	20988	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1035	20989	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1040	20990	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1045	20991	PHD PROJECT	Independent Study	3 - 15			
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
ECE	3998	1050	20992	PHD PROJECT	Independent Study	3 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: TBA	Instructor: Staff		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ECE	3998	1055	20993	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1060	20994	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1065	20995	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1070	20996	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1075	20997	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1080	20998	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1085	20999	PHD PROJECT	Independent Study	3 - 15		
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						
ECE	3998	1090	21000	PHD PROJECT	Independent Study	3 - 15		
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						

ECE	3998	1095	21001	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1100	21002	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1105	21003	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1110	21004	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1115	21005	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1120	21006	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1125	21007	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1130	21008	PHD PROJECT	Independent Study	3 - 15	
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
ECE	3998	1135	21009	PHD PROJECT	Independent Study	3 - 15	
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	3998	1140	21010	PHD PROJECT	Independent Study	3 - 15				
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
ECE	3998	1145	21011	PHD PROJECT	Independent Study	3 - 15				
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
ECE	3998	1150	21012	PHD PROJECT	Independent Study	3 - 15				
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
ECE	3998	1155	21013	PHD PROJECT	Independent Study	3 - 15				
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
ECE	3999	1001	13631	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sun,Mingui		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1002	13632	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yang,Jun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1003	13633	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Yun,Minhee		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1004	13634	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed,Gregory F.		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ECE	3999	1005	13621	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kim,Hong Koo		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1010	11671	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gao,Wei		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1015	13622	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Hu,Jingtong		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1020	13613	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Kwasinski,Alexis		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1025	13623	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	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
ECE	3999	1030	13614	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chen,Peng		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1035	13624	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Huang,Heng		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1040	13615	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Abdelhakim,Mai Mahmoud		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1045	13625	PHD DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barati,Masoud		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Electrical and Computer Engineering - Subject: Electrical and Computer Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ECE	3999	1050	13616	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: El-Jaroudi, Amro		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1055	13626	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Li, Guangyong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1060	13617	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: George, Alan D		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1065	13627	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Dickerson, Samuel J		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1070	13618	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger, Brandon Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1075	13628	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao, Zhi-Hong		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1080	13619	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Grainger, Brandon Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ECE	3999	1085	13629	PHD DISSERTATION	Thesis Research	1 - 12				
Bldg:		Benedum Hall	Room:	00348	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bayoumy, Mohamed Ashraf Saad		

Class Enrl Cap: 35 **Class Enrl Tot: 0** **Class Wait Cap: 0** **Class Wait Tot: 0** **Class Min Enrl: 0**

ECE 3999 1090 13620 PHD DISSERTATION Thesis Research 1 - 12

Bldg: Benedum Hall **Room:** 00348 **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Jones, Alexander Keith

Class Enrl Cap: 35 **Class Enrl Tot: 0** **Class Wait Cap: 0** **Class Wait Tot: 0** **Class Min Enrl: 0**

ECE 3999 1095 13630 PHD DISSERTATION Thesis Research 1 - 12

Bldg: Benedum Hall **Room:** 00348 **Days:** TBA **Time:** 00:00 - 00:00 **Instructor:** Huppert, Theodore J

Class Enrl Cap: 35 **Class Enrl Tot: 0** **Class Wait Cap: 0** **Class Wait Tot: 0** **Class Min Enrl: 0**

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	0027	1010	11799	INT'L FIELD PROJECT- FRANCE	Lecture	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	0031	1010	18528	PLUS 3 ITALY	Lecture	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Bursic, Karen M		
Class Enrl Cap: 30		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
Attributes: Latin American Studies							
ENGR	0031IS	1010	18529	PLUS 3 ITALY - IS	Lecture	0	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 15		Class Enrl Tot: 0	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	0031OS	1010	18530	PLUS 3 ITALY - OS	Lecture	0	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 15		Class Enrl Tot: 0	Class Wait Cap: 10	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	0035	1010	20111	PLUS 3 KOREA	Independent Study	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Yun, Minhee Lalley, Kristine		
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	0035IS	1010	20112	PLUS 3 KOREA-IS	Independent Study	0	
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		
ENGR	0035OS	1010	20113	PLUS 3 KOREA-OS	Independent Study	0	
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		

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	0135	1010	11768	STATICS & MECHC OF MATERIALS	1Lecture	3	
Bldg: Benedum Hall		Room: 00309		Days: M	Time: 16:00 - 18:30	Instructor: Smolinski,Patrick	
Class Enrl Cap: 48		Class Enrl Tot: 6		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
ENGR	0145	1010	11769	STATICS & MECHC OF MATERIALS	2Lecture	3	
Bldg: Benedum Hall		Room: 00318		Days: M	Time: 16:00 - 18:30	Instructor: Slaughter,William S	
Class Enrl Cap: 50		Class Enrl Tot: 28		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
Room Characteristics: Media - Data Projector/Monitor(1)							
ENGR	1000	1010	20157	LAB EXPERIENCES	Internship	0	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Mahboobin,Arash	
Class Enrl Cap: 30		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
ENGR	1000	1015	20158	LAB EXPERIENCES	Internship	0	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Bayles,Taryn Melkus	
Class Enrl Cap: 30		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
ENGR	1000	1020	20159	LAB EXPERIENCES	Internship	0	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Casson,Leonard W	
Class Enrl Cap: 30		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
ENGR	1000	1025	20160	LAB EXPERIENCES	Internship	0	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S	
							Smolinski,Patrick
							Nettleship,Ian
Class Enrl Cap: 30		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
ENGR	1000	1030	20161	LAB EXPERIENCES	Internship	0	
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA	Time: 00:00 - 00:00	Instructor: Bursic,Karen M	
Class Enrl Cap: 30		Class Enrl Tot: 0		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1000	1035	20162	LAB EXPERIENCES	Internship	0		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Dickerson, Samuel J Kerestes, Robert John
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1030	1050	18174	ENGR HUMANITY SVC LRNG PROJECT	Independent Study	1 - 3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		40	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1050	1010	11917	PRODUCT REALIZATION	Lecture	3		
Bldg:		Benedum Hall	Room:	01044	Days:	Tu	Time: 18:00 - 20:35	Instructor: Winter, Eric Francis Michael
Class Enrl Cap:		25	Class Enrl Tot:	5	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)								
Combined Section ID: 0037(ENGR/1050/1050/1050/1050/2051) - ENGR 2051(#11924)								
ENGR	1090J	1500	18656	ENGINEERING COOPERTV PROG UPJ	Independent Study	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.
Class Enrl Cap:		400	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1090P	1500	18657	ENGINEERING COOPERTV PROGRAM	Independent Study	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.
Class Enrl Cap:		400	Class Enrl Tot:	63	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1091	1010	11700	ARTS AND SCIENCES CO-OP	Independent Study	1		
Bldg:		Benedum Hall	Room:	00B80	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.
Class Enrl Cap:		200	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Capstone Course								

This class has an additional fee. For more information go to www.registrar.pitt.edu, and click on Service Areas, then Special Course Related Fees.

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	1092	1010	11704	ENGRG INT'L COOPERTV PROGRAM	Independent Study	1	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.		
Class Enrl Cap: 120		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.							
ENGR	1093	1010	11738	CMP SCI COOPERATIVE PROGRAM	Independent Study	1	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A. Ramirez, John C		
Class Enrl Cap: 260		Class Enrl Tot: 1	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.							
ENGR	1099	1010	18567	SPECIAL PROJECT	Directed Studies	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	1099	1015	18568	SPECIAL PROJECT	Directed Studies	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	1099	1020	18569	SPECIAL PROJECT	Directed Studies	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	1200	1010	11701	STUDY ABROAD: MEXICO	Independent Study	1 - 18	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0		
Attributes: Latin American Studies							

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics		
ENGR	1200	1015	11702	STUDY ABROAD: MEXICO	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Latin American Studies						Class Min Enrl:	0
ENGR	1200	1020	11758	STUDY ABROAD: MEXICO	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Latin American Studies						Class Min Enrl:	0
ENGR	1200	1025	11780	STUDY ABROAD: MEXICO	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Latin American Studies						Class Min Enrl:	0
ENGR	1201	1010	18859	STUDY ABROAD: ISRAEL	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:								Class Min Enrl:	0
ENGR	1201	1015	19641	STUDY ABROAD: ISRAEL	Independent Study	1 - 18			
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	
Attributes:								Class Min Enrl:	0
ENGR	1201	1020	19642	STUDY ABROAD: ISRAEL	Independent Study	1 - 18			
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	
Attributes:								Class Min Enrl:	0
ENGR	1201	1025	19643	STUDY ABROAD: ISRAEL	Independent Study	1 - 18			
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	
Attributes:								Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1201	1030	19644	STUDY ABROAD: ISRAEL	Independent Study	1 - 18		
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
ENGR	1201	1035	19645	STUDY ABROAD: ISRAEL	Independent Study	1 - 18		
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
ENGR	1201	1040	19646	STUDY ABROAD: ISRAEL	Independent Study	1 - 18		
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
ENGR	1203	1010	11716	PITT ENGINEERING IN CHINA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1204	1010	11717	PITT ENGINEERING IN CHINA NP	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1209	1010	11746	STUDY ABROAD: COSTA RICA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Latin American Studies								
ENGR	1209	1015	11747	STUDY ABROAD: COSTA RICA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Latin American Studies								

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1209	1020	11759	STUDY ABROAD: COSTA RICA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Latin American Studies								
ENGR	1209	1050	11939	STUDY ABROAD: COSTA RICA	Independent Study	1 - 18		
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
Attributes: Latin American Studies								
ENGR	1210	1010	11714	INSA LYON: FRANCE	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1210	1015	11713	INSA LYON: FRANCE	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1210IS	1010	19733	INSA LYON: FRANCE IS	Lecture	0		
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
ENGR	1210OS	1010	19732	INSA LYON: FRANCE OS	Lecture	0		
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
ENGR	1211	1010	11775	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1211	1015	19623	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1211	1020	19624	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1211	1025	19625	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1211	1030	19626	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1211	1035	19627	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1211	1040	19628	STUDY ABROAD: SWITZERLAND	Independent Study	1 - 18		
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
ENGR	1212	1010	11776	STUDY ABROAD: FRANCE	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1212	1015	19629	STUDY ABROAD: FRANCE	Independent Study	1 - 18		
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

ENGR	1212	1020	19630	STUDY ABROAD: FRANCE	Independent Study	1 - 18	
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
ENGR	1212	1025	19631	STUDY ABROAD: FRANCE	Independent Study	1 - 18	
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
ENGR	1212	1030	19632	STUDY ABROAD: FRANCE	Independent Study	1 - 18	
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
ENGR	1212	1035	19633	STUDY ABROAD: FRANCE	Independent Study	1 - 18	
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
ENGR	1212	1040	19634	STUDY ABROAD: FRANCE	Independent Study	1 - 18	
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
ENGR	1214	1010	11795	STUDY ABROAD: GHANA	Independent Study	3 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1214	1015	11794	STUDY ABROAD: GHANA	Independent Study	3 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1215	1010	20328	STUDY ABROAD: HONG KONG	Independent Study	1 - 18	
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
ENGR	1215	1020	20333	STUDY ABROAD: HONG KONG	Independent Study	1 - 18	
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1215	1030	20334	STUDY ABROAD: HONG KONG	Independent Study	1 - 18		
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
ENGR	1215	1040	20335	STUDY ABROAD: HONG KONG	Independent Study	1 - 18		
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
ENGR	1215	1050	20336	STUDY ABROAD: HONG KONG	Independent Study	1 - 18		
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
ENGR	1215	1060	20337	STUDY ABROAD: HONG KONG	Independent Study	1 - 18		
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
ENGR	1217	1010	20329	STUDY ABROAD: SINGAPORE	Independent Study	1 - 18		
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
ENGR	1217	1020	20338	STUDY ABROAD: SINGAPORE	Independent Study	1 - 18		
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
ENGR	1217	1030	20339	STUDY ABROAD: SINGAPORE	Independent Study	1 - 18		
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
ENGR	1217	1040	20340	STUDY ABROAD: SINGAPORE	Independent Study	1 - 18		
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

ENGR	1217	1050	20341	STUDY ABROAD: SINGAPORE	Independent Study	1 - 18	
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
ENGR	1218	1010	11812	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1218	1020	11813	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1218	1030	11814	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1218	1040	11815	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1218	1050	11816	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1218	1070	11938	STUDY ABROAD: SEMESTER-AT-SEA	Independent Study	1 - 15	
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
ENGR	1219	1010	11817	STUDY ABROAD: ECUADOR	Independent Study	1 - 15	
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
ENGR	1219	1020	11818	STUDY ABROAD: ECUADOR	Independent Study	1 - 15	
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1219	1030	11819	STUDY ABROAD: ECUADOR	Independent Study	1 - 15		
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
ENGR	1219	1040	11820	STUDY ABROAD: ECUADOR	Independent Study	1 - 15		
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
ENGR	1219	1050	11821	STUDY ABROAD: ECUADOR	Independent Study	1 - 15		
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
ENGR	1220	1010	11739	STUDY ABROAD: CANADA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1220	1015	11740	STUDY ABROAD: CANADA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1220	1020	11741	STUDY ABROAD: CANADA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1222	1010	11803	STUDY ABROAD: RUSSIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1222	1020	11804	STUDY ABROAD: RUSSIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Attributes:		Russian & East European Studies						Class Min Enrl: 0
ENGR	1222	1030	11805	STUDY ABROAD: RUSSIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Attributes:		Russian & East European Studies						Class Min Enrl: 0
ENGR	1222	1040	11806	STUDY ABROAD: RUSSIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Attributes:		Russian & East European Studies						Class Min Enrl: 0
ENGR	1222	1050	11807	STUDY ABROAD: RUSSIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Attributes:		Russian & East European Studies						Class Min Enrl: 0
ENGR	1225	1010	18582	STUDY ABROAD: SOUTH AFRICA	Independent Study	1 - 18		
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	
ENGR	1225	1015	18583	STUDY ABROAD: SOUTH AFRICA	Independent Study	1 - 18		
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	
ENGR	1225	1020	18584	STUDY ABROAD: SOUTH AFRICA	Independent Study	1 - 18		
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	

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1225	1025	18585	STUDY ABROAD: SOUTH AFRICA	Independent Study	1 - 18		
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
ENGR	1225	1030	18586	STUDY ABROAD: SOUTH AFRICA	Independent Study	1 - 18		
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
ENGR	1226	1010	11822	STUDY ABROAD: HUNGARY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lalley,Kristine
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								
ENGR	1226	1020	11823	STUDY ABROAD: HUNGARY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lalley,Kristine
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								
ENGR	1226	1030	11824	STUDY ABROAD: HUNGARY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								
ENGR	1226	1040	11825	STUDY ABROAD: HUNGARY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								
ENGR	1226	1050	11826	STUDY ABROAD: HUNGARY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1228	1010	11808	EXCH URUGUAY-UNIV MONTEVIDEO	Independent Study	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
Attributes: Latin American Studies								
ENGR	1230	1010	18587	STUDY ABROAD: DENMARK	Independent Study	1 - 18		
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
ENGR	1230	1015	18588	STUDY ABROAD: DENMARK	Independent Study	1 - 18		
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
ENGR	1230	1020	18589	STUDY ABROAD: DENMARK	Independent Study	1 - 18		
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
ENGR	1230	1025	18590	STUDY ABROAD: DENMARK	Independent Study	1 - 18		
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
ENGR	1230	1030	18591	STUDY ABROAD: DENMARK	Independent Study	1 - 18		
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
ENGR	1231	1010	11827	STUDY ABROAD: TANZANIA	Independent Study	3 - 15		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ENGR	1231	1020	11828	STUDY ABROAD: TANZANIA	Independent Study	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1231	1030	11829	STUDY ABROAD: TANZANIA	Independent Study	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1231	1040	11830	STUDY ABROAD: TANZANIA	Independent Study	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1231	1050	11831	STUDY ABROAD: TANZANIA	Independent Study	3 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		0	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1235	1010	11763	STUDY ABROAD: CHINA	Independent Study	1 - 18				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1235	1015	11762	STUDY ABROAD: CHINA	Independent Study	1 - 18				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1235	1020	11761	STUDY ABROAD: CHINA	Independent Study	1 - 18				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1235	1025	11770	STUDY ABROAD: CHINA	Independent Study	1 - 18				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0

ENGR	1240	1010	11730	STUDY ABROAD: ENGLAND	Independent Study	1 - 18			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1240	1015	11731	STUDY ABROAD: ENGLAND	Independent Study	1 - 18			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1240	1020	11760	STUDY ABROAD: ENGLAND	Independent Study	1 - 18			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1241	1010	11789	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1241	1015	19635	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
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
ENGR	1241	1020	19636	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
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
ENGR	1241	1025	19637	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
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
ENGR	1241	1030	19638	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
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
ENGR	1241	1035	19639	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18			
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1241	1040	19640	STUDY ABROAD: SCOTLAND	Independent Study	1 - 18		
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
ENGR	1242	1010	11918	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1242	1020	11919	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1242	1030	11920	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1242	1040	11921	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1242	1050	11922	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1242	1060	11923	STUDY ABROAD: INDIA	Independent Study	1 - 18		
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
ENGR	1245	1010	11725	STUDY ABROAD: IRELAND	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0

ENGR	1245	1015	11724	STUDY ABROAD: IRELAND	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1245	1020	11719	STUDY ABROAD: IRELAND	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1245	1025	11720	STUDY ABROAD: IRELAND	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	1	Class Enrl Tot:	0	Class Wait Cap:	1	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1250	1010	11734	STUDY ABROAD: JAPAN	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1250	1015	11735	STUDY ABROAD: JAPAN	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1257	1010	16953	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1257	1015	16954	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1257	1020	16955	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1257	1025	16956	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1257	1030	16957	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1257	1040	19617	EXCHANGE: GLOBEX IN CHINA	Independent Study	1 - 18		
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
ENGR	1260	1010	11707	STUDY ABROAD: AUSTRIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1260	1015	11706	STUDY ABROAD: AUSTRIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1260	1020	11705	STUDY ABROAD: AUSTRIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1264	1010	18531	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								
ENGR	1264	1015	18532	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Russian & East European Studies								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics		
ENGR	1264	1020	18533	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Russian & East European Studies						Class Min Enrl:	0
ENGR	1264	1025	18534	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Russian & East European Studies						Class Min Enrl:	0
ENGR	1264	1030	18535	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Russian & East European Studies						Class Min Enrl:	0
ENGR	1264	1035	18536	STUDY ABROAD: CZECH REPUBLIC	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:		Russian & East European Studies						Class Min Enrl:	0
ENGR	1265	1010	11777	STUDY ABROAD: ITALY	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:								Class Min Enrl:	0
ENGR	1265	1015	11778	STUDY ABROAD: ITALY	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:								Class Min Enrl:	0
ENGR	1265	1020	11926	STUDY ABROAD: ITALY	Independent Study	1 - 18			
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff	
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	
Attributes:								Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1265	1030	11927	STUDY ABROAD: ITALY	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1265	1050	11937	STUDY ABROAD: ITALY	Independent Study	1 - 18		
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
ENGR	1270	1010	11732	STUDY ABROAD: AUSTRALIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1270	1015	11784	STUDY ABROAD: AUSTRALIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1270	1020	11733	STUDY ABROAD: AUSTRALIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1270	1025	11771	STUDY ABROAD: AUSTRALIA	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1270	1050	11936	STUDY ABROAD: AUSTRALIA	Independent Study	1 - 18		
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

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics							
ENGR	1276	1010	18806	ENGR DSGN SOCL CHNG: S. AFRICA	Independent Study	3								
Bldg:		Benedum Hall	Room:	00G36	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		30	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
ENGR	1276IS	1010	19680	ENGR DSGN SOC CHNG:S AFRICA IS	Independent Study	0								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Lalley,Kristine				
Class Enrl Cap:		35	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1276OS	1010	19681	ENGR DSGN SOC CHNG:S AFRICA OS	Independent Study	0								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Lalley,Kristine				
Class Enrl Cap:		35	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1280	1010	11708	STUDY ABROAD: GERMANY	Independent Study	1 - 18								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1280	1015	11709	STUDY ABROAD: GERMANY	Independent Study	1 - 18								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1280	1020	11710	STUDY ABROAD: GERMANY	Independent Study	1 - 18								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Staff				
Class Enrl Cap:		25	Class Enrl Tot:		0	Class Wait Cap:		20	Class Wait Tot:		0	Class Min Enrl:		0
ENGR	1280	1050	11935	STUDY ABROAD: GERMANY	Independent Study	1 - 18								
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1280	1060	14993	STUDY ABROAD: GERMANY	Independent Study	1 - 18		
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
ENGR	1280	1070	14994	STUDY ABROAD: GERMANY	Independent Study	1 - 18		
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
ENGR	1280	1080	14995	STUDY ABROAD: GERMANY	Independent Study	1 - 18		
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
ENGR	1280	1090	19615	STUDY ABROAD: GERMANY	Independent Study	1 - 18		
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
ENGR	1280	1095	19616	STUDY ABROAD: GERMANY	Independent Study	1 - 18		
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
ENGR	1281	1010	18738	CLEAN ENERGY GRID ENGR UG	Independent Study	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Reed, Gregory F.
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1281	1020	19620	CLEAN ENERGY GRID ENGR UG	Independent Study	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lalley, Kristine
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1281IS	1010	18739	CLEAN ENERGY UG IS	Independent Study	0		
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

ENGR	1281IS	1020	19619	CLEAN ENERGY UG IS	Independent Study	0			
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
ENGR	1281OS	1010	18740	CLEAN ENERGY UG OS	Independent Study	0			
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
ENGR	1281OS	1020	19618	CLEAN ENERGY UG OS	Independent Study	0			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Lalley,Kristine
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1282	1010	18736	GERMAN ENGINEERING CULTURE UG	Independent Study	3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Lalley,Kristine
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
ENGR	1285	1010	11928	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18			
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
ENGR	1285	1020	11929	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18			
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
ENGR	1285	1030	11930	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18			
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
ENGR	1285	1040	11931	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18			
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
ENGR	1285	1050	11932	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18			
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1285	1070	11934	STUDY ABROAD: NEW ZEALAND	Independent Study	1 - 18		
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
ENGR	1290	1010	11765	STUDY ABROAD: SPAIN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1290	1015	11766	STUDY ABROAD: SPAIN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1290	1020	11792	STUDY ABROAD: SPAIN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1290	1025	11793	STUDY ABROAD: SPAIN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1290	1050	11933	STUDY ABROAD: SPAIN	Independent Study	1 - 18		
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
ENGR	1295	1010	11754	STUDY ABROAD: SWEDEN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
ENGR	1295	1015	11752	STUDY ABROAD: SWEDEN	Independent Study	1 - 18		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

ENGR	1295	1020	11753	STUDY ABROAD: SWEDEN	Independent Study	1 - 18	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Staff						
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
ENGR	1410	1010	11811	EXCH CTRL & SYS: ROUEN FRANCE	Independent Study	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						
ENGR	1420	1010	11810	EXCH GLBL ENGR: ROUEN FRANCE	Independent Study	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						
ENGR	1620	1050	11925	PRODUCT DSGN & DEVELOPMENT	Lecture	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Staff						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
ENGR	1625	1020	14434	ENGR BUS COLLABORATIONS INDIA	Lecture	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Lalley, Kristine						
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
ENGR	1625IS	1010	14955	ENGR BUS COLLBRTN INDIA - IS	Lecture	0	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Lalley, Kristine						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
ENGR	1625OS	1010	14956	ENGR BUS COLLBRTN INDIA - OS	Lecture	0	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Lalley, Kristine						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
ENGR	1925	1010	20114	SUSTAINABILITY- ISLAND NATIONS	Independent Study	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Sanchez, David Vincent Pangelinan						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot:	0
Class Min Enrl:	0						
Attributes:	Global Studies						

University of Pittsburgh
Schedule of Classes for Summer Term 2019-2020
Summer Term

Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
ENGR	1925IS	1010	20115	SUSTAINABILITY- ISLAND NATION	Independent Study	0		
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
Attributes: Global Studies								
ENGR	1925OS	1010	20116	SUSTAINABILITY- ISLAND NATION	Independent Study	0		
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
Attributes: Global Studies								
ENGR	2051	1050	11924	PRODUCT REALIZATION	Lecture	3		
Bldg:		Benedum Hall	Room:	01044	Days:	Tu	Time: 18:00 - 20:35	Instructor: Winter, Eric Francis Michael
Class Enrl Cap:		5	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)								
Combined Section ID: 0037(ENGR/1050/1050/1050/1050/2051) - ENGR 1050(#11917)								
ENGR	2090	1050	16197	GRADUATE ENGINEER COOPV	PROGM Independent Study	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.
Class Enrl Cap:		300	Class Enrl Tot:	1	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
ENGR	2092	1050	16198	GRAD ENGR INT'L COOPV	PROGRAM Independent Study	1		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barcic, Maureen A.
Class Enrl Cap:		300	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
ENGR	2103	1050	18178	INTGRTN OF NUCLR PLANT SYMS	Lecture	3		
Bldg:		WEB Based Class	Room:	TBA	Days:	M	Time: 18:00 - 20:40	Instructor: Helling, David W
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
Attributes: Online								
Haser, David Mathew Congedo, Thomas Vincent								

Combined Section ID: 0079(ENGR/2103/ME/2103) - ME 2103(#18177)

ENGR	2103	1060	18179	INTGRTN OF NUCLR PLANT SYMS	Lecture	3
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Bldg: Benedum Hall **Room:** 00G37 **Days:** M **Time:** 18:00 - 20:40 **Instructor:** Helling,David W
Haser,David Mathew
Congedo,Thomas Vincent

Class Enrl Cap: 20 **Class Enrl Tot:** 0 **Class Wait Cap:** 0 **Class Wait Tot:** 0 **Class Min Enrl:** 0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)
Combined Section ID: 0078(ENGR/2103/ME/2103) - ME 2103(#18180)

ENGR	2110	1010	20301	NUCLEAR MATERIALS	Lecture	3
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Bldg: Benedum Hall **Room:** 00G36 **Days:** Tu **Time:** 18:00 - 20:40 **Instructor:** Berquist,Bruce Mitchell
Gruber,Jason Andrew
Congedo,Thomas Vincent
Ban,Heng

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)
Combined Section ID: 0017(ENGR/ME/MSE/2110) - ME 2110(#20302), MSE 2110(#20303)

ENGR	2110	1020	20306	NUCLEAR MATERIALS	Lecture	3
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Bldg: WEB Based Class **Room:** TBA **Days:** Tu **Time:** 18:00 - 20:40 **Instructor:** Berquist,Bruce Mitchell
Gruber,Jason Andrew
Congedo,Thomas Vincent
Ban,Heng

Class Enrl Cap: 35 **Class Enrl Tot:** 0 **Class Wait Cap:** 0 **Class Wait Tot:** 0 **Class Min Enrl:** 0
Attributes: Online
Combined Section ID: 0018(ENGR/ME/MSE/2110) - MSE 2110(#20304), ME 2110(#20305)

ENGR	2122	1010	20920	MGT PRINCIPLES NUCLEAR POWER	Lecture	3
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Bldg: WEB Based Class **Room:** TBA **Days:** Th **Time:** 18:00 - 20:40 **Instructor:** Christopher,Thomas A
Congedo,Thomas Vincent

Class Enrl Cap: 10 **Class Enrl Tot:** 0 **Class Wait Cap:** 0 **Class Wait Tot:** 0 **Class Min Enrl:** 0
Attributes: Online
Combined Section ID: 0071(ME 2122/ENGR 2122) - ME 2122(#20919)

University of Pittsburgh
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Swanson School of Engineering - Swanson School of Engineering - Subject: Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGR	2122	1100	20917	MGT PRINCIPLES NUCLEAR POWER	Lecture	3	
Bldg: Benedum Hall		Room: 00G36	Days: Th	Time: 18:00 - 20:40	Instructor: Christopher,Thomas A Congedo,Thomas Vincent		
Class Enrl Cap: 25		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0070(ENGR2211/ME 2122) - ME 2122(#20918)							
ENGR	2130	1010	20916	THE NUCLEAR FUEL CYCLE	Lecture	3	
Bldg: WEB Based Class		Room: TBA	Days: Th	Time: 18:00 - 20:40	Instructor: Esposito,Vincent J		
Class Enrl Cap: 35		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
Attributes: Online							
Combined Section ID: 0072(ME 2130/ENGR 2130) - ME 2130(#20915)							
ENGR	2130	1100	20914	THE NUCLEAR FUEL CYCLE	Lecture	3	
Bldg: Benedum Hall		Room: 00G36	Days: W	Time: 18:00 - 20:40	Instructor: Esposito,Vincent J		
Class Enrl Cap: 27		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
Combined Section ID: 0075(ME 2130/ENGR 2130) - ME 2130(#20913)							
ENGR	2256	1010	18261	ENGR IN THE AMERICAS PERU	Independent Study	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Whitehead,Jeffrey Robert Vallejo,Luis E Lalley,Kristine		
Class Enrl Cap: 20		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	2256IS	1010	18184	ENGR IN THE AMERICAS PERU- IS	Independent Study	0	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 20		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		
ENGR	2256OS	1010	18185	ENGR IN THE AMERICAS PERU- OS	Independent Study	0	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap: 20		Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0		

ENGR	2281	1010	18741	CLEAN ENERGY GRAD	Independent Study	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
ENGR	2281IS	1010	18742	CLEAN ENERGY GRAD IS	Independent Study	0			
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
ENGR	2281OS	1010	18743	CLEAN ENERGY GRAD OS	Independent Study	0			
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
ENGR	2282	1010	18737	GERMAN ENGR CULTURE GRAD	Independent Study	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
ENGR	2623	1100	16167	ENGR BETTER ENVRN: BRAZIL	Lecture	3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Abad, Jorge Darwin
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
Attributes:	Global Studies								
ENGR	2623IS	1020	16183	ENGR BETTER ENVRN: BRAZIL - IS	Independent Study	0			
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:	Global Studies								
ENGR	2623OS	1020	16184	ENGR BETTER ENVRN: BRAZIL - OS	Independent Study	0			
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:	Global Studies								

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Office of the Dean, School of Engineering - Subject: FT Diss Study ENGR

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
FTDH	0000	1010	11693	FULL-TIME DISSERTATION STUDY	Full Time Dissertation	0	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00		Instructor: Staff	
Class Enrl Cap: 999			Class Enrl Tot: 0	Class Wait Cap: 0	Class Wait Tot: 0	Class Min Enrl: 0	

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Industrial Engineering - Subject: Industrial Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics							
IE	1102	1070	15612	LEAN SIX SIGMA I (GREEN BELT)	Lecture	3								
Bldg:		Benedum Hall	Room:	00226	Days:	Tu	Time:	18:00 - 20:35	Instructor:	Haynes, Frederick R				
Class Enrl Cap:		15	Class Enrl Tot:		10	Class Wait Cap:		10	Class Wait Tot:		0	Class Min Enrl:		0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
Combined Section ID: 0036(IE1102/2102) - IE 2102(#15613)														
IE	2090	1010	11672	M. S. PROJECT	Lecture	3								
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Rajgopal, Jayant				
Class Enrl Cap:		30	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
IE	2102	1070	15613	LEAN SIX SIGMA I (GREEN BELT)	Lecture	3								
Bldg:		Benedum Hall	Room:	00226	Days:	Tu	Time:	18:00 - 20:35	Instructor:	Haynes, Frederick R				
Class Enrl Cap:		15	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)														
Combined Section ID: 0036(IE1102/2102) - IE 1102(#15612)														
IE	2998	1020	18190	GRADUATE PROJECTS/PRACTICUM	Directed Studies	1 - 12								
Bldg:		Benedum Hall	Room:	01048	Days:	TBA	Time:	00:00 - 00:00	Instructor:	Bidanda, Bopaya				
Class Enrl Cap:		35	Class Enrl Tot:		0	Class Wait Cap:		0	Class Wait Tot:		0	Class Min Enrl:		0
IE	2998	1100	17708	GRADUATE PROJECTS/PRACTICUM	Directed Studies	1 - 12								
Bldg:		Benedum Hall	Room:	01048	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
IE	2998	1110	18269	GRADUATE PROJECTS/PRACTICUM	Directed Studies	1 - 12								
Bldg:		Benedum Hall	Room:	01048	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

University of Pittsburgh
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2001	1000	20311	DIFFERENTIAL EQUATIONS	Lecture	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	Tu	Time: 17:00 - 19:30	Instructor: Galdi,Giovanni Paolo		
Class Enrl Cap:		35	Class Enrl Tot:	1	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2033	1000	20941	FRAC MECHC FOR PRODC DSGN/MFG Lecture		3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	M	Time: 17:00 - 19:30	Instructor: Mao,Scott X		
Class Enrl Cap:		24	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2050	1090	16385	THERMODYNAMICS	Lecture	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	Th	Time: 17:30 - 20:00	Instructor: Tran,Phuoc Xuan		
Class Enrl Cap:		40	Class Enrl Tot:	3	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2060	1095	19601	NUMERICAL METHODS	Lecture	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	W	Time: 17:30 - 20:00	Instructor: Liao,Jun		
Class Enrl Cap:		35	Class Enrl Tot:	1	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2094	1010	11764	PRACTICUM	Practicum	1				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson,Anne M		
Class Enrl Cap:		9999	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1005	14688	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1006	14689	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1010	11677	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho,Sung Kwon		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2095	1015	14671	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu,Minking
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1020	14672	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark,William W
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1025	14673	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole,Daniel G
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1030	14674	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi,Giovanni Paolo
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1035	14675	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi,Peyman
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1040	14676	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barry,Matthew Michael
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1045	14677	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Foulke,Larry Ray
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1050	14678	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Scott X
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2095	1055	14679	GRADUATE PROJECTS	Directed Studies	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Miller,Mark C
Class Enrl Cap:	20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2095	1060	14680	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wosu, Sylvanus N		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1065	14681	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson, Anne M		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1070	14682	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Schaefer, Laura Atkinson		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1075	14683	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter, William S		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1080	14684	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski, Patrick		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1085	14685	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman, Jeffrey S		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1090	14686	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Qing-Ming		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2095	1095	14687	GRADUATE PROJECTS	Directed Studies	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Weiland, Lisa Mauck		
Class Enrl Cap:		20	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2096	1010	18466	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1015	18467	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1020	18468	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1025	18469	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1030	18470	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1035	18471	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1040	18472	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1045	18473	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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
ME	2096	1050	18474	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5	
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2096	1055	18475	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2096	1060	18476	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2096	1065	18477	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2096	1070	18478	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2096	1075	18479	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2096	1080	18480	MS/MBA INTEGRATED PROJECTS	Independent Study	1.5				
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
ME	2097	1010	16128	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho, Sung Kwon		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1015	16129	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu, Minking		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2097	1020	16130	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark,William W
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1025	16131	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole,Daniel G
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1030	16132	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi,Giovanni Paolo
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1035	16133	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi,Peyman
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1040	16134	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Scott X
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1045	16135	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Schmidt,David E
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1050	16136	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Congedo,Thomas Vincent
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1055	16137	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson,Anne M
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2097	1060	16138	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Schaefer,Laura Atkinson
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2097	1065	16139	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1070	16140	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski,Patrick		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1075	16141	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: To,Albert Chi Fu		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1080	16142	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman,Jeffrey S		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1085	16143	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang,Guofeng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1090	16144	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang,Qing-Ming		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1095	16145	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Weiland,Lisa Mauck		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2097	1100	16146	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wosu,Sylvanus N		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2097	1105	16147	SPECIAL STUDY MECHANICAL ENGR	Directed Studies	3					
Bldg: TO BE ARRANGED		Room: TBA		Days: TBA		Time: 00:00 - 00:00		Instructor: Aumiller,David L			
Class Enrl Cap: 35		Class Enrl Tot: 0		Class Wait Cap: 0		Class Wait Tot: 0		Class Min Enrl: 0			
ME	2103	1050	18177	INTGRTN OF NUCLR PLANT SYMS	Lecture	3					
Bldg: WEB Based Class		Room: TBA		Days: M		Time: 18:00 - 20:40		Instructor: Helling,David W			
								Haser,David Mathew			
								Congedo,Thomas Vincent			
Class Enrl Cap: 20		Class Enrl Tot: 0		Class Wait Cap: 0		Class Wait Tot: 0		Class Min Enrl: 0			
Attributes: Online											
Combined Section ID: 0079(ENGR/2103/ME/2103) - ENGR 2103(#18178)											
ME	2103	1060	18180	INTGRTN OF NUCLR PLANT SYMS	Lecture	3					
Bldg: Benedum Hall		Room: 00G37		Days: M		Time: 18:00 - 20:40		Instructor: Helling,David W			
								Haser,David Mathew			
								Congedo,Thomas Vincent			
Class Enrl Cap: 20		Class Enrl Tot: 0		Class Wait Cap: 0		Class Wait Tot: 0		Class Min Enrl: 0			
Room Characteristics: PeopleSoft - Scheduled (PS)(1)											
Combined Section ID: 0078(ENGR/2103/ME/2103) - ENGR 2103(#18179)											
ME	2110	1010	20302	NUCLEAR MATERIALS	Lecture	3					
Bldg: Benedum Hall		Room: 00G36		Days: Tu		Time: 18:00 - 20:40		Instructor: Berquist,Bruce Mitchell			
								Gruber,Jason Andrew			
								Congedo,Thomas Vincent			
								Ban,Heng			
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)											
Combined Section ID: 0017(ENGR/ME/MSE/2110) - ENGR 2110(#20301), MSE 2110(#20303)											
ME	2110	1020	20305	NUCLEAR MATERIALS	Lecture	3					
Bldg: WEB Based Class		Room: TBA		Days: Tu		Time: 18:00 - 20:40		Instructor: Berquist,Bruce Mitchell			
								Gruber,Jason Andrew			
								Congedo,Thomas Vincent			
								Ban,Heng			
Class Enrl Cap: 35		Class Enrl Tot: 0		Class Wait Cap: 0		Class Wait Tot: 0		Class Min Enrl: 0			

Attributes: Online

Combined Section ID: 0018(ENGR/ME/MSE/2110) - MSE 2110(#20304), ENGR 2110(#20306)

ME 2122 1010 20919 MGT PRINCIPLES NUCLEAR POWER Lecture 3
Bldg: WEB Based Class Room: TBA Days: Th Time: 18:00 - 20:40 Instructor: Christopher,Thomas A
Congedo,Thomas Vincent
Class Enrl Cap:10 Class Enrl Tot:1 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0
Attributes: Online
Combined Section ID: 0071(ME 2122/ENGR 2122) - ENGR 2122(#20920)

ME 2122 1100 20918 MGT PRINCIPLES NUCLEAR POWER Lecture 3
Bldg: Benedum Hall Room: 00G36 Days: Th Time: 18:00 - 20:40 Instructor: Christopher,Thomas A
Congedo,Thomas Vincent
Class Enrl Cap:25 Class Enrl Tot:0 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)
Combined Section ID: 0070(ENGR2211/ME 2122) - ENGR 2122(#20917)

ME 2130 1010 20915 THE NUCLEAR FUEL CYCLE Lecture 3
Bldg: WEB Based Class Room: TBA Days: Th Time: 18:00 - 20:40 Instructor: Esposito,Vincent J
Class Enrl Cap:35 Class Enrl Tot:0 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0
Attributes: Online
Combined Section ID: 0072(ME 2130/ENGR 2130) - ENGR 2130(#20916)

ME 2130 1100 20913 THE NUCLEAR FUEL CYCLE Lecture 3
Bldg: Benedum Hall Room: 00G36 Days: W Time: 18:00 - 20:40 Instructor: Esposito,Vincent J
Class Enrl Cap:27 Class Enrl Tot:1 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0
Room Characteristics: PeopleSoft - Scheduled (PS)(1)
Combined Section ID: 0075(ME 2130/ENGR 2130) - ENGR 2130(#20914)

ME 2997 1005 14707 RESEARCH, M.S. Directed Studies 3
Bldg: TO BE ARRANGED Room: TBA Days: TBA Time: 00:00 - 00:00 Instructor: Staff
Class Enrl Cap:30 Class Enrl Tot:0 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0

ME 2997 1006 14708 RESEARCH, M.S. Directed Studies 3
Bldg: TO BE ARRANGED Room: TBA Days: TBA Time: 00:00 - 00:00 Instructor: Staff
Class Enrl Cap:30 Class Enrl Tot:0 Class Wait Cap:0 Class Wait Tot:0 Class Min Enrl:0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2997	1010	11678	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho,Sung Kwon		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1015	14690	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu,Minking		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1020	14691	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark,William W		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1025	14692	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole,Daniel G		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1030	14693	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi,Giovanni Paolo		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1035	14694	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi,Peyman		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1040	14695	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2997	1045	14696	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2997	1050	14697	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Mao,Scott X						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1055	14698	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Miller,Mark C						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1060	14699	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Wosu,Sylvanus N						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1065	14700	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Robertson,Anne M						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1070	14701	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Sharma,Nitin						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1075	14702	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Slaughter,William S						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1080	14703	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Smolinski,Patrick						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1085	14704	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Vipperman,Jeffrey S						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	2997	1090	14705	RESEARCH, M.S.	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Wang,Qing-Ming						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2997	1095	14706	RESEARCH, M.S.	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1005	14744	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1006	14745	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1007	14746	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1010	11679	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho,Sung Kwon		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1015	14728	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu,Minking		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1020	14729	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark,William W		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1025	14730	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole,Daniel G		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	2999	1030	14731	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi,Giovanni Paolo
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1035	14732	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi,Peyman
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1040	14733	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barry,Matthew Michael
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1045	14734	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1050	14735	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Scott X
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1055	14736	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Miller,Mark C
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1060	14737	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wosu,Sylvanus N
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1070	14738	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson,Anne M
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	2999	1075	14739	M. S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sharma,Nitin
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	2999	1080	14740	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1085	14741	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski,Patrick		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1090	14742	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman,Jeffrey S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	2999	1095	14743	M. S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang,Qing-Ming		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1005	14769	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Zunino,Paolo		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1006	14770	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Sharma,Nitin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1010	11680	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		Benedum Hall	Room:	00647	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho,Sung Kwon		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1015	14752	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu,Minking		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	3095	1020	14753	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Clark,William W						
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1025	14754	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Cole,Daniel G						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1030	14755	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Galdi,Giovanni Paolo						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1035	14756	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Givi,Peyman						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1040	14757	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Kimber,Mark Lee						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1045	14758	GRADUATE PROJECTS	Directed Studies	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				
ME	3095	1050	14759	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Mao,Scott X						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1055	14760	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Miller,Mark C						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				
ME	3095	1060	14761	GRADUATE PROJECTS	Directed Studies	3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Wosu,Sylvanus N						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
		Class Min Enrl:	0				

University of Pittsburgh
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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	3095	1065	14762	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson, Anne M		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1070	14763	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Schaefer, Laura Atkinson		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1075	14764	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter, William S		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1080	14765	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski, Patrick		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1085	14766	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman, Jeffrey S		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1090	14767	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Qing-Ming		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3095	1095	14768	GRADUATE PROJECTS	Directed Studies	3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Weiland, Lisa Mauck		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1005	14789	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: To, Albert Chi Fu		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	3997	1006	14790	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1010	11681	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	Benedum Hall	Room:	00647	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1015	14772	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu,Minking
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1020	14773	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark,William W
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1025	14774	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole,Daniel G
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1030	14775	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi,Giovanni Paolo
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1035	14776	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi,Peyman
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1040	14777	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Bajaj,Nikhil
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3997	1045	14778	RESEARCH, PHD	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Babae,Hessameddin
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

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Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	3997	1050	14779	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao,Scott X		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1055	14780	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Miller,Mark C		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1060	14781	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wosu,Sylvanus N		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1065	14782	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson,Anne M		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1070	14783	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1075	14784	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1080	14785	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski,Patrick		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1085	14786	RESEARCH, PHD	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman,Jeffrey S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	3997	1090	14787	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Qing-Ming		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3997	1095	14788	RESEARCH, PHD	Directed Studies	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1010	11682	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	Benedum Hall	Room:	00647	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cho, Sung Kwon		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1015	14793	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chyu, Minking		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1020	14794	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Clark, William W		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1025	14795	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Cole, Daniel G		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1030	14796	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Galdi, Giovanni Paolo		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1035	14797	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Givi, Peyman		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1040	14798	PHD DISSERTATION	Thesis Research	1 - 15			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Mao, Scott X		
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Mechanical Engineering - Subject: Mechanical Engineering

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
ME	3999	1045	14799	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Robertson, Anne M		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1050	14800	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1055	14801	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter, William S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1060	14802	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Smolinski, Patrick		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1065	14803	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Vipperman, Jeffrey S		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1070	14804	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Qing-Ming		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1075	14805	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
ME	3999	1080	14806	PHD DISSERTATION	Thesis Research	1 - 15				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wosu, Sylvanus N		
Class Enrl Cap:		30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

ME	3999	1085	14807	PHD DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3999	1090	14808	PHD DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3999	1095	14809	PHD DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Miller,Mark C
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3999	1100	14810	PHD DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
ME	3999	1105	14811	PHD DISSERTATION	Thesis Research	1 - 15	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	30	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Mechanical Engineering and Materials Science - Subject: Mech Engr & Materials Sci

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
MEMS	0031	1070	13612	ELECTRICAL CIRCUITS	Lecture	3	
Bldg: Benedum Hall		Room: 00318		Days: W	Time: 18:30 - 21:00	Instructor: Barry,Matthew Michael	
Class Enrl Cap: 50		Class Enrl Tot: 27		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
MEMS	0051	1030	13611	INTRODUCTION TO THERMODYNAMICS	Lecture	3	
Bldg: Benedum Hall		Room: 00227		Days: Th	Time: 16:00 - 18:30	Instructor: Dosse, Lee Allen	
Class Enrl Cap: 50		Class Enrl Tot: 32		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
MEMS	1015	1060	14658	RIGID-BODY DYNAMICS	Lecture	3	
Bldg: Benedum Hall		Room: 00157		Days: W	Time: 16:00 - 18:30	Instructor: Kerzmann, Tony Lee	
Class Enrl Cap: 130		Class Enrl Tot: 34		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
MEMS	1029	1070	14841	MECHANICAL DESIGN II	Lecture	3	
Bldg: Benedum Hall		Room: 00157		Days: M	Time: 16:00 - 18:30	Instructor: Ludwick, Stephen J	
Class Enrl Cap: 84		Class Enrl Tot: 35		Class Wait Cap: 20	Class Wait Tot: 0	Class Min Enrl: 0	
Room Characteristics: PeopleSoft - Scheduled (PS)(1)							
MEMS	1042	1020	15067	MECHANICAL MEASUREMENTS 2	Lecture	3	
Bldg: Benedum Hall		Room: 00318		Days: M	Time: 09:00 - 10:50	Instructor: Whitefoot, John William	
Class Enrl Cap: 40		Class Enrl Tot: 30		Class Wait Cap: 20	Class Wait Tot: 2	Class Min Enrl: 0	
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.							
MEMS	1042	1030	15068	MECHANICAL MEASUREMENTS 2	Laboratory	3	
Bldg: Benedum Hall		Room: OSB27		Days: W	Time: 10:00 - 11:50	Instructor: Whitefoot, John William	
Class Enrl Cap: 20		Class Enrl Tot: 20		Class Wait Cap: 20	Class Wait Tot: 2	Class Min Enrl: 0	
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.							

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Swanson School of Engineering - Mechanical Engineering and Materials Science - Subject: Mech Engr & Materials Sci

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
MEMS	1042	1040	15069	MECHANICAL MEASUREMENTS 2	Laboratory	3		
Bldg:		Benedum Hall	Room:	OSB27	Days:	W	Time: 12:00 - 13:50	Instructor: Whitefoot,John William
Class Enrl Cap:		20	Class Enrl Tot:	10	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
MEMS	1043	1040	15070	SENIOR DESIGN PROJECT	Lecture	3		
Bldg:		Benedum Hall	Room:	00318	Days:	Th	Time: 13:00 - 15:30	Instructor: Schmidt,David E
Class Enrl Cap:		84	Class Enrl Tot:	20	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
This class has an additional fee. For more information go to www.registrar.pitt.edu , and click on Service Areas, then Special Course Related Fees.								
MEMS	1049	1020	20355	MECHATRONICS	Lecture	3		
Bldg:		Benedum Hall	Room:	00318	Days:	Tu	Time: 09:00 - 11:30	Instructor: Clark,William W
Class Enrl Cap:		24	Class Enrl Tot:	15	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
MEMS	1049	1025	20354	MECHATRONICS	Laboratory	3		
Bldg:		Benedum Hall	Room:	OSB27	Days:	Tu	Time: 13:00 - 14:50	Instructor: Clark,William W
Class Enrl Cap:		24	Class Enrl Tot:	15	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
MEMS	1052	1020	14659	HEAT AND MASS TRANSFER	Lecture	3		
Bldg:		Benedum Hall	Room:	00320	Days:	Th	Time: 10:00 - 12:30	Instructor: Schmidt,David E
Class Enrl Cap:		84	Class Enrl Tot:	24	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
MEMS	1071	1080	17158	APPLIED FLUID MECHANICS	Lecture	3		
Bldg:		Benedum Hall	Room:	00318	Days:	Tu	Time: 16:00 - 18:30	Instructor: Barry,Matthew Michael
Class Enrl Cap:		84	Class Enrl Tot:	29	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0
MEMS	1079	1050	15071	SR MATERIALS RESEARCH PROJECT	Directed Studies	3		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship,Ian
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	20	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Mechanical Engineering and Materials Science - Subject: Mech Engr & Materials Sci

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MEMS	1097	1050	14660	SPECIAL PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S		
Class Enrl Cap:		10	Class Enrl Tot:	1	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
MEMS	1098	1050	14661	SPECIAL PROJECTS II	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Slaughter,William S		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	10	Class Wait Tot:	0	Class Min Enrl:	0
MEMS	1120	1010	18425	APLD ENGR SIMULATION IN DESIGNLecture		3				
Bldg:		Benedum Hall	Room:	00318	Days:	Th	Time: 16:00 - 18:25	Instructor: Schmidt,David E		
Class Enrl Cap:		35	Class Enrl Tot:	11	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0
MEMS	1121	1010	18424	SIMULATION WORKSHOP	Workshop	1				
Bldg:		Benedum Hall	Room:	00318	Days:	Tu	Time: 14:00 - 14:50	Instructor: Schmidt,David E		
Class Enrl Cap:		35	Class Enrl Tot:	15	Class Wait Cap:	20	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
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Swanson School of Engineering - Materials Science and Engineering - Subject: Engineering Science

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics
ENGSCI	1801	1000	16600	ENGINEERING DESIGN 1	Practicum	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00		Instructor: Smolinski,Patrick	
Class Enrl Cap: 10		Class Enrl Tot: 1	Class Wait Cap: 10		Class Wait Tot: 0	Class Min Enrl: 0	
ENGSCI	1802	1000	16599	ENGINEERING DESIGN 2	Practicum	3	
Bldg: TO BE ARRANGED		Room: TBA	Days: TBA	Time: 00:00 - 00:00		Instructor: Smolinski,Patrick	
Class Enrl Cap: 10		Class Enrl Tot: 0	Class Wait Cap: 10		Class Wait Tot: 0	Class Min Enrl: 0	

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Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	2096	1010	18781	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1015	18782	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1020	18783	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1025	18784	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1030	18785	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1035	18786	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1040	18787	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2096	1045	18788	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	2096	1050	18789	MS/MBA INTGD PROJECTS COURSE	Independent Study	1.5	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Staff						
Class Enrl Cap:	10	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
MSE	2110	1010	20303	NUCLEAR MATERIALS	Lecture	3	
Bldg:	Benedum Hall	Room:	00G36	Days:	Tu	Time:	18:00 - 20:40
Instructor:	Berquist, Bruce Mitchell						
	Gruber, Jason Andrew						
	Congedo, Thomas Vincent						
	Ban, Heng						
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)						
Combined Section ID:	0017(ENGR/ME/MSE/2110) - ENGR 2110(#20301), ME 2110(#20302)						
MSE	2110	1020	20304	NUCLEAR MATERIALS	Lecture	3	
Bldg:	WEB Based Class	Room:	TBA	Days:	Tu	Time:	18:00 - 20:40
Instructor:	Berquist, Bruce Mitchell						
	Gruber, Jason Andrew						
	Congedo, Thomas Vincent						
	Ban, Heng						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
Attributes:	Online						
Combined Section ID:	0018(ENGR/ME/MSE/2110) - ME 2110(#20305), ENGR 2110(#20306)						
MSE	2997	1010	11683	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	Benedum Hall	Room:	00848	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						
MSE	2997	1015	14546	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Deardo, Anthony J						
Class Enrl Cap:	50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
MSE	2997	1020	14547	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Jacobs, Tevis David						
Class Enrl Cap:	50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	2997	1025	14548	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	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
MSE	2997	1030	14549	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	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
MSE	2997	1035	14550	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	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
MSE	2997	1040	14551	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2997	1045	14552	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2997	1050	14553	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	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
MSE	2997	1055	14554	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2997	1060	14555	RESEARCH, M.S.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin		
Class Enrl Cap:		50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	2997	1065	14556	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	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
MSE	2997	1070	14557	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	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
MSE	2997	1075	14558	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	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
MSE	2997	1080	14559	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Qing-Ming
Class Enrl Cap:	50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2997	1085	14560	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Xiong, Wei
Class Enrl Cap:	50	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2997	1090	14561	RESEARCH, M.S.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	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
MSE	2998	1010	11684	GRADUATE PROJECTS	Directed Studies	1 - 3	
Bldg:	Benedum Hall	Room:	00848	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barnard, John A
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1015	14562	GRADUATE PROJECTS	Directed Studies	1 - 3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Deardo, Anthony J
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1020	14563	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	2998	1025	14564	GRADUATE PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1030	14565	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1035	14566	GRADUATE PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Meier, Gerald		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1040	14567	GRADUATE PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1045	14568	GRADUATE PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1050	14569	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1055	14570	GRADUATE PROJECTS	Directed Studies	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2998	1060	14571	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	2998	1065	14572	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1070	14573	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1075	14574	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1080	14575	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1085	14576	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2998	1090	14577	GRADUATE PROJECTS	Directed Studies	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:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2999	1010	11685	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	Benedum Hall	Room:	00848	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2999	1015	14578	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Deardo,Anthony J
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2999	1020	14579	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Garcia,Calixto I
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	2999	1025	14593	M.S. THESIS	Thesis Research	1 - 12				
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
MSE	2999	1030	14580	M.S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Jacobs, Tevis David		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2999	1035	14581	M.S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2999	1040	14582	M.S. THESIS	Thesis Research	1 - 12				
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
MSE	2999	1045	14583	M.S. THESIS	Thesis Research	1 - 12				
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
MSE	2999	1050	14584	M.S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2999	1055	14585	M.S. THESIS	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	2999	1060	14586	M.S. THESIS	Thesis Research	1 - 12				
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

MSE	2999	1065	14587	M.S. THESIS	Thesis Research	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson,Brian Martin
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	2999	1070	14588	M.S. THESIS	Thesis Research	1 - 12	
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
MSE	2999	1075	14589	M.S. THESIS	Thesis Research	1 - 12	
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
MSE	2999	1080	14590	M.S. THESIS	Thesis Research	1 - 12	
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
MSE	2999	1085	14591	M.S. THESIS	Thesis Research	1 - 12	
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
MSE	2999	1090	14592	M.S. THESIS	Thesis Research	1 - 12	
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
MSE	3001	1010	11779	PRACTICUM	Practicum	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Barnard,John A
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	3001	1015	14594	PRACTICUM	Practicum	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Deardo,Anthony J
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0
MSE	3001	1020	14595	PRACTICUM	Practicum	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot: 0	Class Min Enrl: 0

University of Pittsburgh
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 Summer Term

Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics	
MSE	3001	1025	14596	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1030	14597	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1035	14598	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1040	14599	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Meier, Gerald
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1045	14600	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1050	14601	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1055	14602	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						
MSE	3001	1060	14603	PRACTICUM	Practicum	1 - 12		
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin
Class Enrl Cap:		55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:		0						

MSE	3001	1065	14604	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3001	1070	14605	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3001	1075	14606	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3001	1080	14607	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3001	1085	14608	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3001	1090	14609	PRACTICUM	Practicum	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	55	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1010	11686	RESEARCH, PH.D.	Directed Studies	1 - 12			
Bldg:	Benedum Hall	Room:	00848	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
MSE	3997	1015	14610	RESEARCH, PH.D.	Directed Studies	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Deardo,Anthony J		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1020	14611	RESEARCH, PH.D.	Directed Studies	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Chmielus,Markus		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

University of Pittsburgh
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 Summer Term

Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	3997	1025	14612	RESEARCH, PH.D.	Directed Studies	1 - 12				
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
MSE	3997	1030	14613	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1035	14614	RESEARCH, PH.D.	Directed Studies	1 - 12				
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
MSE	3997	1040	14615	RESEARCH, PH.D.	Directed Studies	1 - 12				
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
MSE	3997	1045	14616	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1050	14617	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1055	14618	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wang, Guofeng		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3997	1060	14619	RESEARCH, PH.D.	Directed Studies	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	3997	1065	14620	RESEARCH, PH.D.	Directed Studies	1 - 12	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Xiong,Wei						
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
MSE	3997	1070	14621	RESEARCH, PH.D.	Directed Studies	1 - 12	
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						
MSE	3997	1075	14622	RESEARCH, PH.D.	Directed Studies	1 - 12	
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						
MSE	3997	1080	14623	RESEARCH, PH.D.	Directed Studies	1 - 12	
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						
MSE	3997	1085	14624	RESEARCH, PH.D.	Directed Studies	1 - 12	
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						
MSE	3997	1090	14625	RESEARCH, PH.D.	Directed Studies	1 - 12	
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						
MSE	3998	1010	11687	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3	
Bldg:	Benedum Hall	Room:	00848	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Barnard,John A						
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
MSE	3998	1015	14626	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Deardo,Anthony J						
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						
MSE	3998	1020	14627	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3	
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time:	00:00 - 00:00
Instructor:	Staff						
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0
Class Min Enrl:	0						

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
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Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	3998	1025	14628	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1030	14629	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1035	14630	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1040	14631	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Meier, Gerald		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1045	14632	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1050	14633	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1055	14634	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1060	14635	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin		
Class Enrl Cap:		25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	3998	1065	14636	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1070	14637	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1075	14638	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1080	14639	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1085	14640	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3998	1090	14641	PH.D. INDEPENDENT STUDY	Independent Study	1 - 3			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Staff		
Class Enrl Cap:	25	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3999	1010	11688	PH.D. DISSERTATION	Thesis Research	1 - 12			
Bldg:	Benedum Hall	Room:	00848	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
MSE	3999	1015	14642	PH.D. DISSERTATION	Thesis Research	1 - 12			
Bldg:	TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Deardo,Anthony J		
Class Enrl Cap:	35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3999	1020	14643	PH.D. DISSERTATION	Thesis Research	1 - 12			
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

University of Pittsburgh
 Schedule of Classes for Summer Term 2019-2020
 Summer Term

Swanson School of Engineering - Materials Science and Engineering - Subject: Materials Science and Engr

Subject	Catalog Nbr	Section	Class Nbr	Course Title	Component	Units	Topics			
MSE	3999	1025	14644	PH.D. DISSERTATION	Thesis Research	1 - 12				
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
MSE	3999	1030	14645	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Lee, Jung-Kun		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3999	1035	14646	PH.D. DISSERTATION	Thesis Research	1 - 12				
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
MSE	3999	1040	14647	PH.D. DISSERTATION	Thesis Research	1 - 12				
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
MSE	3999	1045	14648	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Nettleship, Ian		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3999	1050	14649	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Wiezorek, Jorg Michael		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0
MSE	3999	1055	14650	PH.D. DISSERTATION	Thesis Research	1 - 12				
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
MSE	3999	1060	14651	PH.D. DISSERTATION	Thesis Research	1 - 12				
Bldg:		TO BE ARRANGED	Room:	TBA	Days:	TBA	Time: 00:00 - 00:00	Instructor: Gleeson, Brian Martin		
Class Enrl Cap:		35	Class Enrl Tot:	0	Class Wait Cap:	0	Class Wait Tot:	0	Class Min Enrl:	0

MSE	3999	1065	14652	PH.D. DISSERTATION	Thesis Research	1 - 12	
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
MSE	3999	1070	14653	PH.D. DISSERTATION	Thesis Research	1 - 12	
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
MSE	3999	1075	14654	PH.D. DISSERTATION	Thesis Research	1 - 12	
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
MSE	3999	1080	14655	PH.D. DISSERTATION	Thesis Research	1 - 12	
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
MSE	3999	1085	14656	PH.D. DISSERTATION	Thesis Research	1 - 12	
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
MSE	3999	1090	14657	PH.D. DISSERTATION	Thesis Research	1 - 12	
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