

Course Requirements and Registration Priorities
School of Engineering and Digital Sciences (Undergraduate), Summer 2021

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
SEDS											
Chemical and Materials Engineering											
1	CHME 202	Fluid Mechanics	3	6				4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH	3 year UG SEDS Chemical and Materials Engineering		
2	CHME 352	Research Practice	3	6				4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH	3 year UG SEDS Chemical and Materials Engineering		
3	ECHE 386	Chemical Plant Design and Optimization	3	6				4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH			
4	ECHE 418	Capstone project 1	3	6	ECHE 323 Computational methods in Chemical Engineering-I (1272) (D and above)			4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH			
5	ECHE 420	Polymer Processing and Rheology	3	6				4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH			
6	ECHE 479	Capstone Project II	9	18	ECHE 418 Capstone project 1 (1278) (D and above)			4 year UG SEDS Chemical Engineering, 5 year UG SEDS, 5 year UG SSH			
Civil and Environmental Engineering											
7	CEE 201	Environmental Chemistry	3	6				Instructor's Permission Required. Registration through Add Course form only!			
Computer Science											
8	CSCI 152	Performance and Data Structures	4	8	CSCI 151 Programming for Scientists and Engineers (192) (C- and above) OR ENG 101 Programming for Engineers (4517) (B- and above)			5 year UG SEDS, 5 year UG SSH, Computer Science, Robotics and Mechatronics	SEDS	SMG, SSH, SoM	
9	CSCI 299	Internship I	3	6				5 year UG SEDS, 5 year UG SSH, Computer Science			
10	CSCI 398	Directed Study	3	6				Instructor's Permission Required. Registration through Add Course form only!			
11	CSCI 399	Internship II	3	6				5 year UG SEDS, 5 year UG SSH, Computer Science			

12	CSCI 399F	Internship II - F	6	12				Instructor's Permission Required. Registration through Add Course form only!			
13	CSCI 409	Senior Project II	3	6	CSCI 408 Senior Project I (1481) (C- and above)						
Electrical and Computer Engineering											
14	EEE 437	Capstone Project 1	3	6				5 year UG SEDS, 5 year UG SSH, Electrical and Electronic Engineering			
15	ELCE 309	Individual Study	3	6				5 year UG SEDS, 5 year UG SSH, Electrical and Computer Engineering			
Mechanical and Aerospace Engineering											
16	MAE 302	Machine Elements Design	3	6	MAE 205 Material and Manufacturing I (5534) (D and above)			Instructor's Permission Required. Registration through Add Course form only!			
17	MAE 307	Engineering Dynamics II	3	6	MAE 206 Engineering Dynamics I (5535) (D and above)			Instructor's Permission Required. Registration through Add Course form only!			
Robotics and Mechatronics											
18	ROBT 399	Internship	3	6				Instructor's Permission Required. Registration through Add Course form only!			
School of Engineering											
19	BENG 312	Internship	6	12				5 year UG SEDS, 5 year UG SSH, SEDS, SMG, SSH, SoM			