

## Course Requirements and Registration Priorities School of Science and Technology, Summer 2019

#	Abbr	Title	Cr(US)	Cr(ECTS)	PreRequisite	CoRequisite	AntiRequisite	1st priority registration	2nd priority registration	3rd priority registration	4th priority registration
<b>SSH</b>											
<b>Biological Science</b>											
1	BIOL 399	Biology Internship	3	6				Instructor's Permission Required.			
2	BIOL 492	Directed Study in Biology	3	6				Instructor's Permission Required.			
<b>Chemistry</b>											
3	CHEM 102	General Chemistry II	3	6	CHEM 101 General Chemistry I (113) (C and above)			Chemistry	SST	SEng, SHSS, SMG	
4	CHEM 102L	General Chemistry II lab	1	2	CHEM 101L General Chemistry I lab (179) (C and above)	CHEM 102 General Chemistry II (232) (C and above)		Chemistry	SST	SEng, SHSS, SMG	
5	CHEM 189c	Independent Study	3	6				By Instructor Permission's only			
6	CHEM 388	Chemistry Internship	3	6				Instructor's Permission Required.			
<b>Mathematics</b>											
7	MATH 161	Calculus I	4	8				SHSS	SST	SEng, SMG	
8	MATH 162	Calculus II	4	8	MATH 161 Calculus I (118) (C and above)			1 year UG SENG, 1 year UG SMG, 1 year UG SST	SEng, SMG, SST	SHSS	
9	MATH 399	Internship	3	6				Instructor's Permission Required.			
10	MATH 497	Directed Study in Mathematics I	3	6				Instructor's Permission Required.			
<b>Physics</b>											
11	PHYS 161	Physics I for Scientists and Engineers with Laboratory	4	8		MATH 161 Calculus I (118) (C and above)	PHYS 171 Physics I for Physics Majors with Laboratory (1401) (C- and above)	Biological Sciences, Chemistry	SST	SEng, SHSS, SMG	
12	PHYS 162	Physics II for Scientists and Engineers with Laboratory	4	8	PHYS 161 Physics I for Scientists and Engineers with Laboratory (116) (C- and above) OR PHYS 151 Introductory Physics I with Lab (649) (C- and above)		PHYS 172 Physics II for Physics Majors with Laboratory (1402) (C- and above)	1 year UG SENG, 1 year UG SMG, 1 year UG SST	SEng, SMG, SST	SHSS	
13	PHYS 299	Research project and internship	3	6				Instructor's Permission Required.			

14	PHYS 399	Physics Research Project	3	6				Instructor's Permission Required.			
<b>SEDS</b>											
<b>Computer Science</b>											
15	CSCI 151	Programming for Scientists and Engineers	4	8			ROBT 102 Programming for robotics and physics (188) (C- and above) OR CSCI 150 Fundamentals of Programming (1501) (C- and above)	SST	SEng, SMG	SHSS	
16	CSCI 152	Performance and Data Structures	4	8	CSCI 151 Programming for Scientists and Engineers (192) (C- and above) OR CSCI 150 Fundamentals of Programming (1501) (C- and above) OR CSCI 261 Object Oriented Programming with Java I (171) (C- and above) OR ROBT 102 Programming for robotics and physics (188) (C- and above)			1 year UG SENG, 1 year UG SMG, 1 year UG SST	SEng, SMG, SST	SHSS	
17	CSCI 299	Internship I	3	6				Instructor's Permission Required.			
18	CSCI 399	Internship II	3	6				Instructor's Permission Required.			
<b>Robotics and Mechatronics</b>											
19	ROBT 399	Internship	3	6				Instructor's Permission Required			