

First Year					Second Year				
Course #	Title	Quarter	Credits	Notes	Course #	Title	Quarter	Credits	Notes
TMATH 115	Pre-Calculus I	Fall	5		TMATH 125	Calculus II	Fall	5	
TCORE 102	Introduction to Engineering	Fall	5		T PHYS 121	Physics I (Mechanics)	Fall	6	
TCORE 101	English Comp I (W)	Fall	5			Minor/ Elective Course	Spring	5	
TMATH 116	Pre-Calculus II	Winter	5		TMATH 126	Calculus III	Winter	5	
	Advanced Writing (W)	Winter	5		T PHYS 122	Physics II (Electromagnetism)	Winter	6	
Lab Science	Approved additional lab science*	Winter	6			Minor/ Elective Course	Winter	5	
TMATH 124	Calculus I	Spring	5		T PHYS 123	Physics III (Waves)	Spring	6	
	Social Science and Diversity (SSc and DIV)	Spring	5		TMATH 207	Differential Equations	Spring	5	
	Minor/ Elective Course	Spring	5			Minor/ Elective Course	Spring	5	
Third Year					Fourth Year				
TCSS 141**	Programming for All	Fall	5		TCE 307	Construction Engineering	Fall	5	
TME 221	Statics	Fall	4		TCE 377	Intro to Structural Analysis	Fall	5	
	Minor/ Elective Course	Fall	5		TME 310	Intro to Comp Modeling I	Fall	2	
					TCE 305	CAD for Civil Engrs (A&H)	Fall	3	
TME 222	Mechanics of Materials	Winter	4		TME 351	Engineering Prob. & Stats.	Winter	3	
TCHEM 142	General Chemistry I	Winter	6		TCE 367	Geotechnical Engr+LAB	Winter	5	
	Arts and Humanities (A&H)	Winter	5		TCE 304	Civil Engineering Systems	Winter	3	
					TCE 347	Fluid Mechanics	Winter	5	
TME 223	Dynamics	Spring	4		TCE 337	Construction Materials + LAB	Spring	5	
	Social Science (SSc)	Spring	5		TCE 357	Environmental Engr	Spring	5	
	Minor/ Elective Course	Spring	5		TCE 327	Transportation Engr.	Spring	5	
Fifth Year					<p>Note: This is an advising tool only and is subject to change. Required prerequisites are in BOLD. Admission is not guaranteed and is based on review of major application.</p> <p>*Additional lab science course must be approved by advising team, 6 cr (cannot be Physics or Chemistry); highly recommend TGEOS 117 Physical Geology</p> <p>**5 credits of programming (Courses in Python, Java, C, C++ or the equivalent of AMATH 301: Beginning Scientific Computing will meet this requirement)</p> <p>VLPA elective (spring, sophomore year): highly recommend spoken communication elective, where available</p>				
TCE 309	GIS for Civil Engineers	Fall	4						
TCE 473	Hydraulic Engr and Hydrology+LAB	Fall	5						
TCE 4XX	Elective	Fall	4						
TCE 4XX	Elective	Winter	4						
TME 403	Engineering Economics	Winter	2						
TCE 4XX	Elective	Winter	4						
TCE 488	Senior Project I	Winter	2						
TCE 401	Engr Project Management	Winter	3						
TEE 225	Engineering Ethics (W, A&H)	Spring	5						
TCE 4XX	Elective	Spring	4						
TCE 489	Senior Project II	Spring	5						