| 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 347	Fluid Mechanics	Fall	5	
	Minor/ Elective Course	Fall	5		TCE 304	Civil Engineering Systems	Fall	3	
					TME 310	Intro to Comp Modeling I	Fall	2	
TME 222	**Mechanics of Materials**	**Winter**	**4**		TCE 357	Environmental Engr	Winter	5	
TCHEM 142	**General Chemistry I**	**Winter**	**6**		TCE 367	Geotechnical Engr+LAB	Winter	5	
	Arts and Humanities (A&H)	Winter	5		TCE 377	Intro to Structural Analysis	Winter	5	
TME 223	**Dynamics**	**Spring**	**4**		TCE 337	Construction Materials + LAB	Spring	5	
	Social Science (SSc)	Spring	5		TME 351	Engineering Prob. & Stats.	Spring	5	
	Minor/ Elective Course	Spring	5		TCE 327	Transportation Engr.	Spring	5	

Fifth Year				
TCE 309	GIS for Civil Engineers	Fall	4	
TCE 473	Hydraulic Engr and Hydrology+LAB	Fall	5	
TCE 401	Engr Project Management	Fall	3	
TCE 4XX	Elective		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 305	CAD for Civil Engrs (A&H)	Winter	3	
TEE 225	Engineering Ethics (W, A&H)	Spring	5	
TCE 4XX	Elective	Spring	4	
TCE 489	Senior Project II	Spring	5	

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.

*Additional lab science course must be approved by advising team, 6 cr (cannot be Physics or Chemistry); highly recommend TGEOS 117 Physical Geology

**5 credits of programming (Courses in Python, Java, C, C++ or the equivalent of AMATH 301: Beginning Scientific Computing will meet this requirement)

VLPA elective (spring, sophomore year): highly recommend spoken communication elective, where available