

Engineering Management (2009 - 10)

Below is the *advised sequencing* of courses for this degree.

FRESHMAN YEAR				SOPHOMORE YEAR			
First Semester		Second Semester		First Semester		Second Semester	
Course	Units	Course	Units	Course	Units	Course	Units
ENGR 102	3	ECE 175 or CSC 127a***	3	MATH 223	4	C E 214***	3
MATH 125 or 124 [#]	3/5	CHEM 152 or MSE 110	4	CHEE 201 or A ME 230***	3	PHYS 241	4
CHEM 151	4	MATH 129	3	PHYS 141	4	MATH 254***	3
ENGL 101	3	ENGL 102	3	Tier 1 TRAD*	3	Tier 1 INDV	3
Tier 1 TRAD*	3	Tier 1 INDV*	3	SIE 265	3	Tier 2 INDV	3
TOTAL 16/18		TOTAL 16		TOTAL 17		TOTAL 16	

Advanced standing is required for 3/400 level courses taught by the College

JUNIOR YEAR				SENIOR			
First Semester		Second Semester		First Semester		Second Semester	
Course	Units	Course	Units	Course	Units	Course	Units
SIE 305 or C E310	3	Tech Area Elect**	6	SIE 462***	3	ENGR 454	3
SIE 340	3	SOC 326 or ENGR 452***	3	SIE 498A	2	SIE 498B	3
ECE 207***	3	SIE 467	3	Tech Area Elect**	6	ECON330***	3
COMM 312 or ENGL 307***	3	SIE 431	3	SIE 415	3	Tech Area Elect**	3
Tech Area Elect**	3			MIS 465 or SIE 406	3	ENGR 495S	1
						Tier 2 Art/Hum*	3
TOTAL 15		TOTAL 15		TOTAL 17		TOTAL 16	

TOTAL UNITS = 128

MATH 124 is a 5-unit version of MATH 125. Students taking MATH 124 should consider delaying the Tier 1 INDV course to maintain a reasonable academic load.

* INDV/TRAD courses must meet University general education requirements. One course must be recognized by the University as focusing on non-western culture, race, gender or ethnicity. TRAD 101 satisfies this requirement. Tier 2 INDV – Recommend ECON 200 – Prerequisite for ECON 330 & SIE 340

** Tech area electives to be chosen with an advisor to emphasize an industry or professional area of interest to the student.

*** See advisor for acceptable courses or see APRR