

# *Engineering Management (2010-11)*

Below is the *advised sequencing* of courses for this degree,  
the official degree requirements are found in the University General Catalog.

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 <sup>#</sup>	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	

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 or ENGR422***	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
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 the Academic Advisement Report (AAR)