

Mechanical Engineering (2011-12)

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	MATH 129	3	ABE 221	3	AME 250	3
MATH 125 or 124 [#]	3/5	CHEM 152**	**4	CE214	3	AME 230	3
CHEM 151	4	PHYS 141	4	MATH 223	4	ECE 207	3
ENGL 101	3	ENGL 102	3	PHYS 241	4	MATH 254	3
Tier 1 INDV*	3	Tier 1 INDV*	3	Tier 1 TRAD*	3	Tier 1 TRAD*	3
TOTAL 16/18		TOTAL 16		TOTAL 17		TOTAL 15	

JUNIOR YEAR				SENIOR YEAR			
First Semester		Second Semester		First Semester		Second Semester	
Course	Units	Course	Units	Course	Units	Course	Units
AME 301	3	AME 300	3	AME 400	2	ENGR 498B	3
AME 324A or CE 215	3	AME 302	4	ENGR 498A	3	AME 413B	1
AME 331	3	AME 324B	3	AME 413A	1	AME 455	3
AME 352	3	MSE 331R	3	AME 432	3	Tech Elect***	9
Tier 2 INDV*	3	AME 324L	1	AME 495s	1		
		Tier 2 Art/Hum*	3	Tech Elect***	6		
TOTAL 15		TOTAL 17		TOTAL 16		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/Art/Hum courses must meet University general education requirements. One course must be recognized by the University as focusing on gender, race, class, ethnicity, sexual orientation or non-western area of studies. TRAD 101 satisfies this requirement.

** Dept. utilizes only 3 units; Students may elect to take MSE 110 (4 units) in place of Chem 152.

*** At least 9 units of the technical electives must be taken in AME (exclusive of independent study which can at most total 3 units). Listings of acceptable technical electives are available from advisors.