

Mechanical Engineering (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	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	17	TOTAL	17	TOTAL	15

[Advanced standing is required for 3/400 level courses taught by the College](#)

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	AME 412b	
AME 324A or CE 215	3	AME 302	4	AME 412a		or ENGR 498B	3
AME 331	3	AME 324B	3	or ENGR 498A	3	AME 413B	1
AME 352	3	MSE 331R	3	AME 413A	1	AME 455	3
Tier 2 INDV*	3	AME 324L	1	AME 432	3	Tech Elect***	9
		Tier 2 Art/Hum*	3	AME 495s	1		
				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 non-western culture, race, gender or ethnicity. TRAD 101 satisfies this requirement.

** 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.