

Name: _____

Exp. Grad.: Fall _____ / Spring _____

**Mechanical Engineering
Curriculum by Semester Planning Guide**
(For students entering Fall 2016 – Spring 2017)

Semester 1		Semester 2		Semester 3		Semester 4	
Course (cr. hr.)	X	Course (cr. hr.)	X	Course (cr. hr.)	X	Course (cr. hr.)	X
CHEM 105 (4)		CHEM 106 (4)		CEMS 214 (3)		ENGR 110 (4)	
ENGL 101 (4)*** (If needed)		ENGR 104 (2)		ENGR 360 (0)		ENGR 220 (4)	
ENGR 101 (2)		ENGR 360(0)		MATH 253 (4)		ENGR 360 (0)	
ENGR 102 (2)		MATH 152 (4)		MECH 211 (3)		MATH 271 (3)	
ENGR 160 (0)		PHYS 125 (4)		PHYS 126 (4)		MECH 212 (3)	
MATH 151 (4)		ENGR 11x* (1)		Hum/SS/Arts (4)		MECH 241 (3)	
Hum/SS/Arts (4)		ENGR 11x* (1)					
		*Select 2 ENGR 11x Engr Explorations Labs					
Total (16)		Total (16)		Total (18)		Total (17)	

***Credits do not count towards graduation

Semester 5		Semester 6		Semester 7		Semester 8	
Course (cr. hr.)	X	Course (cr. hr.)	X	Course (cr. hr.)	X	Course (cr. hr.)	X
ENGR 306(2)		ENGR 395 (2)		ENGR 360 (0)		ENGR 360 (0)	
ENGR 305 (3)		ENGR 360 (0)		MECH 343 (2)		ENGR 490 (2)	
ENGR 360 (0)		MATH 371 (4)		MECH 366 (3)		MECH 327 (2)	
MECH 320 (3)		MECH 321 (3)		MECH 417 (3)		MECH Elect. (3)	
MECH 324 (3)		MECH 326 (3)		ENGR 490 (2)		TECH Elect. (3)	
MECH 362 (3)		MECH 364 (3)		TECH Elect. (3)		Hum/SS/Arts (4)	
Hum/SS/Arts (4)		MECH Elect. (3)					
Total (18)		Total (18)		Total (13)		Total (14)	

Disclaimer: This curriculum by semester planning guide is provided to help students plan their schedule. Official graduation requirements for students entering in a given year are stated in the undergraduate catalog for that year.

Please familiarize yourself with these University and School-wide requirements:

1. AU Global Perspective Requirement
2. AU Physical Education Requirement
3. SOE Minimum Credit Requirement: At least 128 credits, excluding physical education
4. SOE GPA requirement and 'D' policy
5. SOE Written Communication Requirement: Typically ENGL 101 and ENGR 110. Some students may be exempt from ENGL 101, which does not count towards the minimum credits required for graduation.
6. SOE Humanities/Social Science/Arts Requirement

Degree Evaluation

Definitions of Electives:

BIOL Electives: BIOL 302, BIOL 307, BIOL 308, BIOL 420, BIOL 422

Technical Electives: (1) Most 300- and 400-level courses designated CEMS, CHEM, ENGR, MATH, MECH, PHYS, or RNEW. Exceptions include MATH 331 and some special topic courses. (2) One of FIN 348 **OR** MGMT 328 for all majors except BME; (3) BIOL electives listed above for BME only, (4) CEMS 203 for MSE majors only.