

# GENERAL CURRICULUM IN BS MECHANICAL ENGINEERING

ME 326	Intermediate Dynamics	4
ME 418	Implementation of Mechanical Controls	4
or ME 419	Advanced Control Systems	
ME 428	Senior Design Project I <sup>1</sup>	2
ME 429	Senior Design Project II <sup>1</sup>	2
ME 430	Senior Design Project III <sup>1</sup>	2
<b>Technical Electives</b> <sup>2,3,4</sup>		
Select from the following:		11-12
Select 8-12 units from the following ME courses:		
ME 305	Introduction to Mechatronics	
ME 359	Fundamentals of HVAC Systems	
ME 361	Fundamentals of Fire Protection Engineering	
Any ME 400-level or ME 500-level class with the exception of required (major) and senior project courses.		
Select 0 - 4 units from:		
Any upper-division or graduate level course in the College of Engineering with the exception of GE Upper-Division B, ENGR 301, senior project, thesis, special problems and co-op courses.		
<b>Total units</b>		<b>25-26</b>

<sup>1</sup> ENGR 459, ENGR 460 and ENGR 461 (6), or ENGR 463, ENGR 464 and ENGR 465 (6) may substitute for ME 428, ME 429 and ME 430 (6).

<sup>2</sup> Consultation with advisor is recommended prior to selecting Technical Electives. Note that 300-level Technical Electives cannot be used for graduate credit in the blended BS + MS Mechanical Engineering program.

<sup>3</sup> ME 470, ME 471, ME 570 and ME 571 are variable topics courses, and may or may not count as ME Electives. Please contact instructor for additional information. A course substitution form may be required.

<sup>4</sup> ME 400 and ME 500 are independent study classes and may be acceptable for Technical Elective credit. A course substitution form is required.