

First Year								
Fall			Spring			Summer		
3150:151	Principles of Chemistry I	3	3150:153	Principles of Chemistry II	3			
3150:152	Principles of Chem I Lab	1	7600:105/106	Oral Communications Elective	3			
3300:111	English Composition I	3	3300:112 or					
3450:221	Analytical Geometry-Calculus I	4	2020:222	English Composition Elective	3			
4600:165	Tools for Mechanical Engineering	3	3450:222	Analytical Geometry-Calculus II	4			
5540:xxx	Physical Education Elective	1		Social Science Elective	3			
15			16					

Second Year								
Fall			Spring			Summer		
3650:291	Elementary Classical Physics I	4	3650:292	Elementary Classical Physics II	4			
4300:201	Statics	3	3450:335	Intro. To Ordinary Differential Equations	3	4100:300	Possible Co-op	
3450:223	Analytical Geometry-Calculus III	4	4600:203	Dynamics	3			
3250:244	Intro to Economic Analysis	3	4300:202	Mechanics of Solids	3			
3400:210 or	Humanities in the W. Trad. 1 or		4600:260	Engineering Analysis I	2			
3400:221	Humanities in the World since 1300	4						
18			15					

Third Year								
Fall			Spring			Summer		
4600:300	Thermodynamics I	3				4600:311	Fluid Mechanics II	3
4600:310	Fluid Mechanics I	2				4600:380	Mechanical Metallurgy	2
4600:321	Kinematics of Machines	2	4100:301	Mandatory Co-Op		4600:340	Systems Dynamics & Response	3
4600:336	Analysis of Mechanical Components	3						
3470:401	Prob. & Stats. For Engineers	2						
4600:360	Engineering Analysis II	2						
14			8					

Fourth Year								
Fall			Spring			Summer		
			4600:301	Thermodynamics II	2			
			4600:315	Heat Transfer	3	4100:403	Mandatory Co-Op	
4100:302	Mandatory Co-Op		4600:337	Design of Mechanical Components	3			
			4600:431	Fundamentals Of Mechanical Vibrations	3			
			4600:483	Mechanical Engineering Measurements Lab	2			
			4400:307	Basic Electrical Engineering	4			
17			17					

Fifth Year								
Fall			Spring			Summer		
4600:400	Thermal System Components	3	4600:471	Mechanical Engineering Senior Design Project II	2			
4600:441	Control Systems Design	3		Area Studies & Cultural Diversity Elective	2			
4600:460	Concepts of Design	3		Humanities Elective	3			
4600:484	Mechanical Engineering Laboratory	2		Humanities Elective	3			
	Mechanical Engineering Senior Design Project I	2		Mechanical Engineering Elective	3			
4600:402	Senior Seminar	1		Mechanical Engineering Elective	3			
	Mechanical Engineering Elective	3						
17			16					

Notes:

See Undergraduate Bulletin for Approved General Education Courses

ME Electives must include 3 credits Mechanical Engineering design elective, 3 credits Technical elective, and 3 credits Mechanical Engineering technical elective.

See Mechanical Engineering Departmental Office for Approved Mechanical Engineering Electives

Curriculum Flow Chart - - Mechanical Engineering - Co-op

