

Mechanical Engineering

Bachelor of Science in Mechanical Engineering

Major: ME

Degree: BMC

Unit: SS

Students specializing in Mechanical Engineering will complete a program consisting of two semesters in the General Engineering Studies Division and a further period of study in the Professional School of Engineering (ten semesters in the Basic Studies Division to complete the Bachelor of Science degree, followed by a graduate/professional year in the Higher Studies Division for the Master of Engineering degree). This curriculum is designed as an integrated five-year program, with a cooperative education component, culminating in the Master of Engineering degree. The program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET).

	Semester HoursTotal
General Engineering Studies Division	
Engineering Core Courses	
CHEM 201 ^{1,2}	3
EAC 101 ^{1,2} , 102 ²	8
EG 105 ²	1
ENGL 101 ^{1,2} , 102 ^{1,2}	6
GES 101 ²	2
PHYS 298 ^{1,2}	4..... 24
Department Specific Courses	
CHEM 202 ²	3
ME 180 ²	2
PHYS 295 ^{1,2}	1..... 6
GES Total 30
Basic Studies Division	
Arts/CD/Hum/SBS Electives ¹	12
CEE 205, 307	5
CHE 253	3
CHEM 207	1
COMM 111 ¹ , 112 ¹ , or 115 ¹	3
EAC 201, 205	6
ECE 252	3
EG 214	1
HIST XXX ¹	3
IE 360, 570	6
ME 206, 251, 280, 288, 289, 310, 311, 314, 315, 323, 380, 389, 401, 415, 422, 440, 442, 489, 497, 548	50
ME 5XX Electives	6
PHYS 299	4..... 103
Minimum Total 133

The curriculum in this degree program requires that students develop skills and competencies associated with Computer and Information Literacy as part of a broad effort to prepare graduates to practice the profession of Mechanical Engineering.

^{1.} General Education Content Area requirement for this program; the University-wide General Education requirements are detailed elsewhere in this publication.

^{2.} A cumulative GPA of 2.0/4.0 in these courses is required for admission to this department.