

BME Degree Requirement for students entering 2008

1st Year	CHM 123 & 123L	General Chemistry	4		
	EGR 103	Engineering Innovation I	2		
	ENG 101/102	English Composition I, II (or ENG 114 or 198)	6		
	HST ____	History (HST 103 or 198)	3		
	MTH 168/169	Analytic Geometry & Calculus I, II	8		
	MEE 101	Introduction to Mechanical Engineering	0		
	MEE 104L	Computer Graphics I	1		
	PHY 206	General Physics I	3		
	PHL 103	Introduction to Philosophy	3		
	REL 103	Introduction to Religion	<u>3</u>		
		33			
2nd Year				<u>1st Term</u>	<u>2nd term</u>
	EGR 201	Engineering Mechanics	3		
	EGR 202	Engineering Thermodynamics	3		
	MTH 218	Analytic Geometry & Calculus III	4		
	PHY 207	General Physics II	3		
	_____	General Education Requirement	3		
	MEE 227L	Computer Graphics II	1		
	MEE 200	Professional Development Seminar	0		0
	CMM 11_	Fundamentals of Oral Communication ¹			1
	EGM 202	Dynamics			3
	EGM 303	Mechanics II			3
	EGR 203	Electrical and Electronic Circuits			3
	ECE 201L	Circuit Analysis Laboratory			1
	MTH 219	Applied Differential Equations			3
	_____	General Education Requirement			<u>3</u>
		17		17	
3rd Year	PHY 208 or 299	Physics Elective	3		
	CMM 11_	Fundamentals of Oral Communication ¹	1		
	MEE 314	Computational Methods	3		
	MEE 321	Theory of Machines	3		
	MEE 308	Fluid Mechanics	3		
	MEE 312 & 312L	Engineering Materials I and Lab	4		
	MEE 415	Professional Development Seminar I	0		0
	MEE 341	Engineering Experimentation			3
	MEE 410 /410L	Transfer & Thermo Fluids Lab			4
	MEE 344	Manufacturing Processes			3
	CMM 11_	Fundamentals of Oral Communication ¹			1
_____	General Education Requirement			3	
_____	Open Elective			<u>3</u>	
		17		17	
4th Year	MEE 427/431L	Mechanical Design/Multidisciplinary Des I	4		
	MEE 439	Dynamic Systems and Controls	4		
	MEE 433	Project Management and Innovation	1		
	_____	Ethics Elective (PHL 316 or REL 369)	3		
	_____	Mechanical Engineering Elective	3		
	MEE 415/416	Professional Development Seminar I/II	0		1
	MEE 432L	Multidisciplinary Design II			3
	MEE 460	Engineering Analysis			3
	_____	Mechanical Engineering Elective			3
	_____	Open Elective			3
_____	General Education Requirement			<u>3</u>	
		15		16	

¹ CMM 110, 111 or 112, and 113 are required.