

# BME Degree Requirement for students entering 2007

1st Year	MEE 101	Introduction to Mechanical Engineering	0		
	EGR 101	Introduction to Engineering Design	2		
	CHM 123	General Chemistry	4		
	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 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		General Education Requirement		<u>1st Term</u>	<u>2nd term</u>
	MEE 227L	Computer Graphics II	3		
	EGM 201	Mechanics I	1		
	MTH 218	Mechanics I	3		
	MTH 218	Analytic Geometry & Calculus III	4		
	MEE 301	Thermodynamics I	3		
	PHY 207	General Physics II	3		
		General Education Requirement			3
	CMM 11_	Fundamentals of Oral Communication <sup>1</sup>			1
	ECE 323 & 323L	Basic Electronic Circuits and Lab			4
	EGM 202	Dynamics			3
	MTH 219	Applied Differential Equations			3
	EGM 303	Mechanics II			3
			<u>17</u>		<u>17</u>
	3rd Year		Science Elective	3	
CMM 11_		Fundamentals of Oral Communication <sup>1</sup>	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 <sup>1</sup>			1
		General Education Requirement			3
		Open Elective			<u>3</u>
		<u>17</u>		<u>17</u>	
4th Year	MEE 427/431L	Mechanical Design/Multidisciplinary Des I	4		
	MEE 439	Dynamic Systems and Controls	4		
	MEE 429	Introduction to 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>
		<u>15</u>		<u>16</u>	

<sup>1</sup> CMM 110, 111 or 112, and 113 are required.