

# Suggested Arrangement of Courses, Mechanical Engineering (BSME)

Four-year degree suggestion (for planning purposes only).

Currently enrolled students should meet with their academic advisor.

Course categories: Core, General Education, Major, Elective, Opportunity

**Core Component Areas:** <sup>010</sup> English Composition and Core Writing Flag; <sup>020</sup> Mathematics; <sup>030</sup> Natural Science and Technology, Part I; <sup>040</sup> Humanities; <sup>050</sup> Visual and Performing Arts; <sup>060</sup> U.S. History; <sup>070</sup> American and Texas Government; <sup>080</sup> Social and Behavioral Sciences; <sup>090</sup> First-Year Signature Course; <sup>093</sup> Natural Science and Technology, Part II

**Skills and Experience Flags:** <sup>Wr</sup> Writing; <sup>QR</sup> Quantitative Reasoning; <sup>GC</sup> Global Cultures; <sup>CD</sup> Cultural Diversity; <sup>E</sup> Ethics; <sup>II</sup> Independent Inquiry

Undergraduate Degree Program listing

First Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
CH 301 (Major)		3 M 408D (General Education)		4 (None)	
M 408C (General Education) <sup>020</sup>		4 PHY 303K (General Education)		3	
M E 302 (Major)		3 PHY 105M (General Education)		1	
RHE 306 (Core) <sup>010</sup>		3 Social and Behavioral Sciences (Core) <sup>080</sup>		3	
UGS 302 or 303 (Core) <sup>090</sup>		3 Visual and Performing Arts (Core) <sup>050</sup>		3	
		U.S. History (Core) <sup>060</sup>		3	
	16		17		0
Second Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
E M 306 (Major)		3 E M 319 (Major)		3 (None)	
M 427J (General Education)		4 M 427L (Major)		4	
M E 316T (Major)		3 M E 318M (Major)		3	
PHY 303L (General Education)		3 M E 314D (Major)		3	
PHY 105N (General Education)		1 E S 333T (General Education)		3	
American and Texas Government (Core) <sup>070</sup>		3			
	17		16		0
Third Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
M E 330 (Major)		3 M E 338 (Major)		3 (None)	
M E 130L (Major)		1 M E 339 (Major)		3	
M E 334 (Major)		3 M E 139L (Major)		1	
M E 134L (Major)		1 M E 340 (Major)		3	
M E 335 (Major)		3 M E 140L (Major)		1	
Career Gateway Elective course (Major)		3 Career Gateway Elective course (Major)		3	
	14		14		0
Fourth Year					
First Term	Hours	Second Term	Hours	Summer Term	Hours
M E 344 (Major)		3 M E 266K (Major)		2 (None)	
M E 144L (Major)		1 M E 266P (Major)		2	
M E 353 (Major)		3 Career Gateway Elective course (Major)		3	
M E 366J (Major)		3 Approved Mathematics/Natural Science Elective course (Elective)		3	
Career Gateway Elective course (Major)		3 E 316L, 316M, 316N, or 316P (Core) <sup>040</sup>		3	
American and Texas Government (Core) <sup>070</sup>		3 U.S. History (Core) <sup>060</sup>		3	
	16		16		0
Total credit hours: 126					