

Bachelor of Science Engineering Management
Student Checklist - FS 2015 Catalog - 128 Hours
Industrial Engineering Emphasis

Freshman Year			
<u>First Semester</u>		<u>Second Semester</u>	
FE 1100 - Study and Careers in Engineering	1 ☐	ME 1720 - Engineering Design w/ Computer App.	3 ☐
Chem 1310 - General Chemistry	4 ☐	Math 1215 - Calculus II for Engineers	4 ☐
Chem 1319 - General Chemistry Lab	1 ☐	Phys 1135 - Engineering Physics I	4 ☐
Chem 1100 - Intro to Lab Safety	1 ☐	Econ 1100/1200 - Micro or Macro Economics	3 ☐
Math 1214 - Calculus I for Engineers	4 ☐	Humanities Elective	3 ☐
Engl 1120 - Exposition and Argumentation	3 ☐		
Hist 1200, 1300, 1310 or Pol Sci 1200	3 ☐		
17		17	
Sophomore Year			
<u>First Semester</u>		<u>Second Semester</u>	
Math 2222 - Calculus w/Analytic Geometry III	4 ☐	Math 3304 - Differential Equations	3 ☐
Physics 2135 - Engineering Physics II	4 ☐	Stat 3115/3117 - Eng Statistics	3 ☐
CE 2200 - Engineering Mechanics - Statics	3 ☐	ME 2350 - Engineering Mechanics - Dynamics	2 ☐
Eng Mgt 2310 - Complex System Mgt	3 ☐	Eng Mgt 2211 - Eng Mgt Acct&Fin	3 ☐
Eng Mgt 1210 - Eng Economics	2 ☐	Eng Mgt 2110 - Management Eng & Technology	3 ☐
		Psych 1101 - General Psychology	3 ☐
16		17	
Junior Year			
<u>First Semester</u>		<u>Second Semester</u>	
Eng Mgt 3310 - Operations & Prod Mgt	3 ☐	Eng Mgt 4710 - Quality	3 ☐
Eng Mgt 3510 - Marketing Management	3 ☐	Eng Mgt 3320 - Project Management	3 ☐
CE 2210 - Mechanics of Materials	3 ☐	El Eng 2800 - Electrical Circuits	3 ☐
CE 2211 - Mechanics of Materials Lab	1 ☐	English 3560 - Technical Writing	3 ☐
Comp Sci 1972 - Intro to MATLAB Programming	2 ☐	ME 2527 - Thermal Analysis	3 ☐
Comp Sci 1982 - MATLAB Programming Laboratory	1 ☐		
Sp&Med 1185 or 2181	3 ☐		
16		15	
Senior Year			
<u>First Semester</u>		<u>Second Semester</u>	
Eng Mgt 5410 - Ind Sys Simulation	3 ☐	Eng Mgt 4907 - Senior Design	3 ☐
Eng Mgt 5414 - Intro to Ops Research	3 ☐	Eng Mgt 4310 - Mat Handling & Plant Layout	3 ☐
Eng Mgt 4330 - Human Factors	3 ☐	Eng Mgt Technical Elective	3 ☐
Eng Mgt 4110 - Gen Mgt - Design & Integration	3 ☐	Upper Level H/SS	3 ☐
Eng Mgt Technical Elective	3 ☐	Free Elective	3 ☐
15		15	