

BA – ENGINEERING MANAGEMENT OPTION 2007-2008

The Business Administration major - Engineering Management option prepares students who can integrate management skills with engineering skills to solve complex problems in an increasingly technical world. It is designed to prepare students for entry-level engineering-related jobs and to be able to move rapidly into supervisory/management positions.

 *Students may complete this degree within the 120-credit maximum, but they must use courses from the major to complete certain General Education requirements: Ex: BA 253, Econ 262. Using these courses to meet both major and Gen Ed requirements enables the student to complete within the 120-credit limit. Additionally, students must be aware that the minimal requirements for this major do not fulfill the graduation requirement of 45 upper division credits. Students must ensure that their free electives include sufficient 300- or 400- level courses to meet this requirement.

Engineering Management Option Requirements (2007-08 catalog)		Course Completed	Credits
General Education			35-46
Major Requirements:			
Common SOBA Requirements			41
Other Departmental and Auxiliary Requirements:			
¹ BA 302W	Human Resource Management		4
Engr 103	Computer-Aided Drafting		3
Engr 104	Computer Programming for Scientists & Engineers		3
Engr 217	Statics		3
Engr 221	Dynamics		3
**Math 221Q	Calculus I		4
**Math 222Q	Calculus II		4
CSIS 322	Management Information Systems		4
**Phys 217Tx	Physics for Science and Engineering I		5
Phys 218	Physics for Science and Engineering II		5
<i>Plus choose one of the following 2 options:</i>			
General Engineering Option:			
Engr 201	Electric Networks I		4
Engr 202	Electric Networks II		3-4
OR			
Engr 317	Mechanics of Materials		
Civil/Surveying Engineering Option:			
Engr 205	Surveying I		4
Engr 305	Surveying II		4
Total Other Departmental Requirements			45-46
Total Major Requirements			86-87
Free Electives			Variable
Total Required for Graduation			120

Note to transfer and former students: *If you have taken any of your major requirements and received a different number of credits than listed above, you may need to complete additional major credit requirements.*