



**Master of Science in Engineering Management**

**PLAN OF STUDY – 34 credit hours total**

(Must be filed during the second semester of residence before advance registration for the next session)

*This application should be typed or completed in ink*

Student Name: \_\_\_\_\_

OU ID #: \_\_\_\_\_ Email Address: \_\_\_\_\_

Date Degree Expected: Fall \_\_\_\_\_ Spring \_\_\_\_\_ Summer \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Postal Code: \_\_\_\_\_

A. ENGINEERING MANAGEMENT CORE		Semester	Credit Hour	Grade	Instructor
<b>A minimum of two courses must be taken from the following course list (6 hours)</b>					
IE 5743	Mgmt. of the Engineering Function				
IE 5713	Engineering Project Management				
IE 5753	Organization Systems				
<b>The following courses (4 hours) and project (0 hours) are required</b>					
ACCT 5202 (f)	Financial Accounting				
ACCT 5212 (sp)	Managerial Accounting				
MS Exam	(completed during last semester)				

<b>B. INDUSTRIAL ENGINEERING CORE – Twelve hours of IE coursework are required.</b>					
Two courses from two of the four groups below for a total of 12 hours must be taken. (Note that students are responsible for meeting course level prerequisites before enrolling in the course).					
Operations Research		Semester	Credit Hour	Grade	Instructor
I	IE 5613	Multicriteria Optimization			
	IE 5623	Linear Programming			
	IE 5643	Engineering Optimization			
Statistical Analysis					
II	IE 5523	Applied Probabilistic Models in IE			
	IE 5553	Engineering Experimental Design			
	IE 5573	Statistical Analysis of Simulation Models			
Human Factors/Ergonomics					
III	IE 5813	Information Ergonomics			
	IE 5833	Ergonomics in Safety Research & Practice			
	IE 5843	Biomechanics			
Production & Manufacturing					
IV	IE 5303	Computer-Aided Manufacturing			
	IE 5323	Advanced Production Systems & Operations			
	IE 5563	Quality Engineering			

<b>C. BUSINESS TRACKS – 6 hours are required from one of the three tracks</b>					
<b>MIS</b>		<b>Semester</b>	<b>Credit Hour</b>	<b>Grade</b>	<b>Instructor</b>
MIS 5602	Management Information Systems				
MIS 5612	Database Design and Administration				
MIS 5772	Principals of Data Warehousing				
<b>SCM</b>					
SCM 5502	Supply Chain Management				
SCM 5522	Production/Operations Management				
SCM 5532	Business Logistics				
<b>FIN</b>					
FIN 5302	Financial Markets and Securities				
FIN 5312	Corporate Finance				
FIN 5322	Derivative Securities and Markets				

<b>D. IE ELECTIVE - Six remaining hours must be a graduate level course from the School of Industrial Engineering</b>					

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Graduate Liaison

\_\_\_\_\_  
Date

Note:

Plan of Study is due by the end of the second semester enrolled at OU.

Admission to Candidacy/Program of Graduate Work

Due to the Graduate College on the:

First Monday in March for summer graduation

First Monday in April for fall graduation, and the

First Monday in October for spring graduation

Due to the School of IE's Graduate Secretary and Liaison 15 days prior to the Graduate College set deadline.