

# JOINT MASTER OF BUSINESS ADMINISTRATION/MASTER OF ENGINEERING

**Associate Dean for Graduate Business Programs:** Patsy Norman  
**Graduate Directors in Engineering:** Ian Gravagne and Douglas E. Smith

Students interested in a career requiring complementary skills in both business and engineering may complete the Master of Engineering and MBA degrees concurrently. By proper selection of courses, students can save up to 21 hours in the joint degree compared to the individual requirements of the two separate degrees. Students should consult with advisors in both engineering and business to determine the best sequence of courses.

Master of Engineering students from industry may, with approval of their advisor, select a project that is relevant to their work responsibilities.

## Admission

Students must apply and be accepted separately into both programs. The MBA degree requires either the GMAT or GRE exams. Additional admissions requirements for the MBA can be found under the Business School Admissions.

## Requirements

Candidates for the joint Master of Engineering/MBA degree must complete 37 hours for MBA and 15 core engineering hours. In addition, the student must complete an additional 15 hours of electives. By proper selection of electives it may be possible to reduce the requirements of the joint degree by up to 21 hours compared to the normal requirements of the two degrees completed separately. This efficiency is achieved by proper selection of business electives for the 15 business course credits allowed for the Master of Engineering program and by a six-credit reduction of the MBA elective requirements reflecting recognition of the additional graduate work in completing the Master of Engineering. Since both degrees are awarded simultaneously, all requirements in both programs must be completed in order to receive either degree. Students are encouraged to contact appropriate advisors in each program for further details.

Code	Title	Hours
<b>Required Framework Courses</b>		
BUS 5401	Business Frameworks	4
<b>Required MBA Core Courses</b>		
ACC 5300	Accounting Tools for Management Decision Making	3
BUS 5101	Focus Firm I	1
BUS 5111	Professional Career Development for First Semester Graduate Students	1
BUS 5112	Professional Career Development for Second Semester Graduate Students	1
BUS 5390	Management Communication	3
ECO 5340	Economic Tools for Management Decision Making	3
FIN 5360	Seminar in Corporate Finance	3
MGT 5310	Management of Organizational Behavior	3

MGT 5320	Manufacturing and Service Operations	3
MGT 5325	International Management	3
MGT 5385	Strategic Management and Business Policy	3
MKT 5310	Seminar in Marketing Strategy	3
QBA 5330	Business Analytics for Decision Making	3

### MIS Requirement

Select one course from the following:		3
MIS 5342	Business Intelligence	
MIS 5345	Decision Making Using Excel	
MIS 5346	Data Warehousing	
MIS 5355	Management of Information Systems	

### Core Engineering

Select 15 semester hours from Core Engineering courses	15
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### Required ME Electives

Select 15 semester hours from ME Elective courses	15
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### Other Requirements

Students who do not have an undergraduate degree in Business Administration are required to take the following:

BL 5104	Business Foundations - Business Law	(1)
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<b>Total Hours</b>	<b>70</b>
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