



+



Master of Management (Ross School of Business)
 +
Master of Science in Engineering (Mechanical Engineering)
Student Initiated Dual Degree Program

Normal MM Program Requirements

24.75cr MM Business Core + 6cr MM Business Electives = 30.75cr

MM Core Requirements			
Course	Credits	Course	Credits
Applied Business Statistics	2.25	Leading People and Organizations	2.25
Applied Microeconomics	2.25	Marketing Management	2.25
Communications	1.5	Operations Management	2.25
Corporate Strategy	2.25	Principles of Managerial Accounting	2.25
Financial Management	2.25	Principles of Financial Accounting	2.25
Law and Ethics	1.5	World Economy	1.5
Total Core: 24.75 Credits			
Business Elective(s): 6 Credits			

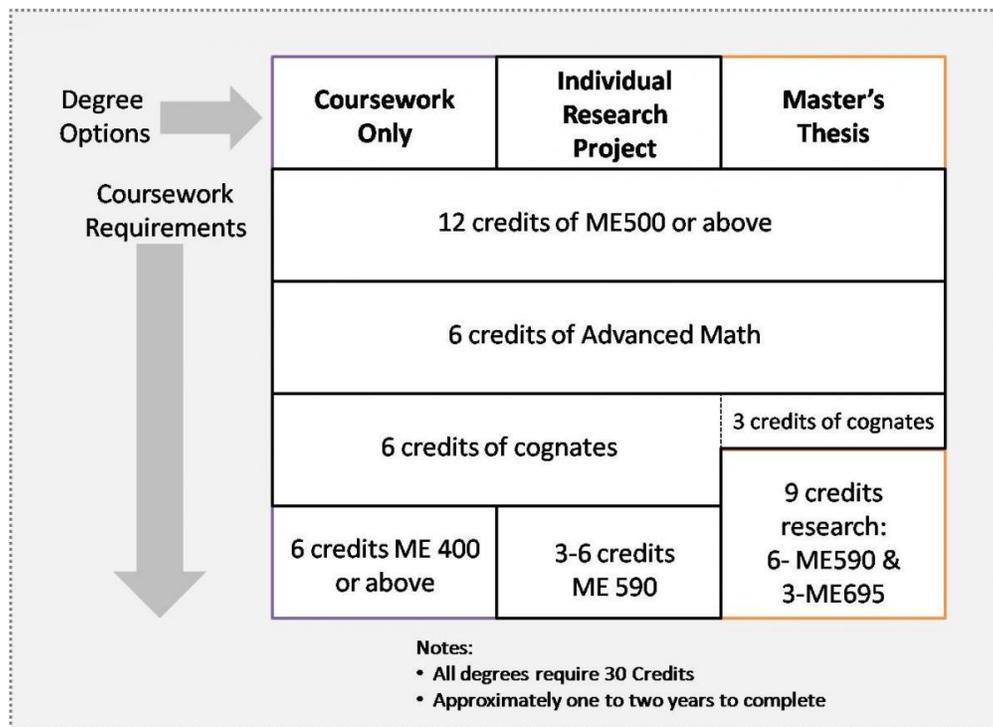
		June-Aug	Sept-Oct	Nov-Dec	Jan-Feb	Mar-Apr
Pre-Work	Bootcamps	Finance	Strategy	Business Economics	Business Law*	World Economy*
		Marketing	Business Statistics	Management of Organizations	Operations Management	Managerial Accounting
		Financial Accounting	Elective(s)		Elective/ABL Capstone	
		BCOM*				
		Recruiting Workshops	On Campus Recruiting	Self-Directed Recruiting		

*1.5 credits

MM Boot Camp/Workshop Notes:

- Pre-Work: Quantitative skills assessment, readings
- Boot Camp: Last 2 weeks of June
 - Quantitative (Stats and some Excel)
 - Finance
 - Communications (Writing a business case)
 - Leadership Impact Challenge (Ross Leadership Initiative)
 - Career Workshops
- Recruiting Workshops
 - Resume writing, interview skills, job search strategy (compulsory, run through Ross Career Services)
- Continuing Leadership Training
 - Series of workshops throughout the Summer

Normal ME MSE Program Requirements



TIMELINE FOR JOINT MM / MSE**9 double-counted credits (51.75 total)****YEAR 1: July 2017 – April 2018 (30.75 credits total)**

- 24.75cr MM core (6 of which are double-counted as MSE cognates)
- One 3cr ME500+ course (double-counted as MM business elective) from a group of approved courses
- One 3cr ME course (to satisfy MSE degree requirements, not MM)

Summer after Year 1: Internship

This is up to the student, but we strongly suggest students pursue an internship for the summer between the first and second years of the dual program. Students recruit for internships in Fall 2017, through Engineering and/or Ross Career Services. See “Recruiting Workshops” information above for details about workshops and training that are part of the MM program and designed to help students succeed in their job/internship search.

YEAR 2: September 2018 – April 2019 (21 credits total)

- 18cr ME courses (to satisfy MSE degree requirements, not MM)
- One 3cr MM business elective (RSB course)

Approved Electives for the MM & ME Dual Degree Program

ME 555, 558, 563, 581, 587, 588, and 589.

555 Design Optimization (cross-listed with MFG555)

558 Discrete Design Optimization (cross-listed with MFG558)

563 Time Series Modeling, Analysis, Forecasting (cross-listed with IOE565 MFG561)

581 Global Product Development (cross-listed with MFG574)

587 Global Manufacturing (cross-listed with MFG587)

588 Assembly Modeling for Design and Manufacturing (cross-listed with IOE588 MFG588)

589 Sustainable Design of Technology Systems

How to Apply

1. Answer the following essay questions, which are specific to the Master of Management half of the dual program:
 - a. Describe why you want to pursue the Master of Management degree at the Ross School of Business. What do you expect to learn? How will you leverage this knowledge to accomplish your personal and professional goals? Describe in detail the type of employment opportunities you anticipate pursuing upon completion of the Master of Management degree. (500 - 700 words)
 - b. The Master of Management admissions committee places a high emphasis on setting and working toward goals, both academically and in your job search. Describe a medium- to long-term goal that you set for yourself and what you did to work to achieve it. The goal may be something you succeeded in attaining, or one that you did not achieve but learned from the experience of working toward. Discuss the approaches that helped you meet or reach toward your goal. How will you translate what you learned from this previous experience to the MM program and your job search activities? (500 - 700 words)
 - c. Optional question: Is there anything not addressed elsewhere in the application that you would like the Admissions Committee to know about you to evaluate your candidacy? (500 - 700 words)
2. Email your essays (make sure each is labeled with your full name) in PDF format to:
Mark D. Garrett
Managing Director, Master of Management
Ross School of Business
The University of Michigan
(734) 647-4193
garrettm@umich.edu

In your cover e-mail, please include a note indicating that you are applying for a Student Initiated Dual Degree with Mechanical Engineering.
3. The application process includes an interview, typically about 30 minutes long. Interviews are conducted via Skype or Google Hangout.

The rest of your application materials for the MM program (e.g., transcripts, letters of recommendation, etc.) will be drawn from your Mechanical Engineering application.

Learn more

General information, FAQs, etc. about the MM program can be found at <http://michiganross.umich.edu/programs/master-of-management>. For specific questions about the Master of Management program you can contact Dr. Mark Garrett, Managing Director for the Master of Management program in the Ross School of Business at garrettm@umich.edu.

For questions about the Master's degree in Mechanical Engineering, please contact Dr. Katsuo Kurabayashi, Associate Chair for Graduate Programs in the Department of Mechanical Engineering at katsuo@umich.edu.

Additional Opportunities

Tauber Institute for Global Operations

As you consider the MM/MSE dual degree you may be interested in exploring admissions to the [Tauber Institute for Global Operations](#). The Tauber Institute is a multidisciplinary program between the Ross School of Business and UM College of Engineering and was created to meet Industry's needs for graduates who have exceptional academic backgrounds, extensive professional experience, and most importantly, can successfully integrate business and engineering perspectives to lead global operations into the future.

Tauber students pursue careers in a wide range of fields, including high-tech, consulting, healthcare, consumer goods, diverse manufacturing, energy, and supply chain – to name a few. The guaranteed and paid [Tauber Team Project](#) experience prepares them for leadership roles in positions such as new product development, process improvement, strategic assessment, business development, logistics, sustainability, and data analytics. Tauber students consistently receive [full-time placement](#) with salaries that are typically higher than their non-Tauber counterparts.

For more information and to apply please visit www.tauber.umich.edu or contact Laura Turner at lleyturn@umich.edu.