

MBA/MSE DUAL DEGREE PROGRAM



MBA/MSE

801-581-7785 / 877-881-8907 / mastersinfo@business.utah.edu / www.business.utah.edu

MBA/MSE Program At-A-Glance

Total Credit Hours:	74	Bachelor's degree with 3.0 GPA required to apply
Core:	34.5	Internships: Strongly suggested for both summers
Elective MBA:	12.5	Timeframe: All work for both master's degrees must be completed within four consecutive calendar years.
Engineering:	21	MSE Departments: Some of the engineering departments have different credit hour requirements. Be sure to consult with your specific department for program details.
MBA/MSE Capstone:	6	GRE Score: Competitive applications meet or exceed an equivalent average GMAT score of 600.
Length of Program:	5 semesters	
Entry to Program:	Fall	
Format:	Full-time / on campus	



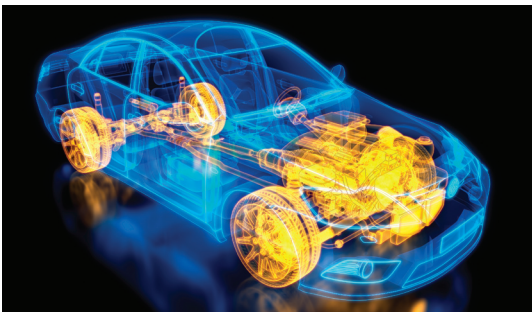
Program Overview

The College of Engineering and the David Eccles School of Business offer a dual degree program in which the students can earn both an MBA and MS Engineering degree within five semesters.

The MBA/MSE Engineering dual-degree program combines students' applied interests and training in Engineering with the comprehensive business skills developed in a full-time MBA program. Graduates develop the skills needed to move between complex technical issues and the commercial issues of leading and managing businesses.

Our graduates are valuable assets to companies who rely on technological innovation to stay competitive in the business world. Graduates of the MBA/MSE program earn two distinct degrees in one integrated educational experience.

Advantages of Combining Business and Engineering



The average annual income for a BS in engineering is about \$71,000 according to the US Bureau of Labor Statistics for 2010. Engineering managers on the other hand, generally with an MBA degree, make an average of \$122,000 a year according to the same source in 2011. With a master's of engineering added onto a BS and MBA the average annual pay increases.

Most engineers seeking an MBA indicate a rationale of wanting to increase their value and see a demand for more business skills such as project management, forecasting, cost estimation, and proposal development. While not every company discusses blade design, flowrates, or bearing clearances, nearly everyone has to set and operate within a budget, meet revenue, profit and sales goals and manage projects. In that sense, business is a lot like math, it's a language that is common across all industries.

Dual Degree Programs

The MBA is available with the following College of Engineering Degrees:

MS-Bioengineering
MS-Chemical Engineering
MS-Electrical and Computer Engineering
MS-Mechanical Engineering
MS-Computer Science

Program Details

A student enrolled in the dual degree program can earn both degrees within five semesters of full-time study. In general, students take 21 credit hours at the College of Engineering, 47 hours in the College of Business. This is in addition to a 6 hour capstone project which is recognized by both colleges. The capstone is an integrated business/engineering project to expose students to the real world of engineering management.

Up to 9 credit hours appear on the program of study for both degrees, eliminating up to 18 credit hours that would be required to complete the two programs separately.

* Please note that ECE students will have to complete two additional credits for the graduate seminar

MBA/MSE Dual Degree Recommended Schedule

MBA YEAR 1 / Fall Semester / 17.5 credits /			
Fall Semester	17.5	Spring Semester	17.5
WEEK ZERO, MGT 6050: Team	1.5	Engineering of Business Elective	7.5
MBA 6000: Career Strategies	1.0	MBA 6001: Career Perspectives Course	1.0
FINAN 6025: Managerial Economics	3.0	FINAN 6020: Financial Management	3.0
ACCTG 6000: Financial Accounting	3.0	ACCTG 6001: Managerial Accounting	1.5
OIS 6040: Data Analysis & Decisions	1.5	OIS 6061: Operations Management 2	1.5
OIS 6060: Operations Management 1	1.5	IS 6010: Information Systems	1.5
MKTG 6090: Marketing Management	3.0	MGT 6053: Advanced Writing for Business	1.5
Engineering or Business Elective	3.0		
Summer Semester - Internship Strongly Recommended			
MBA Year 2 / Core MBA 14.5 credits / Electives 18 credits			
Fall Semester	Spring Semester		
WEEK ZERO, MGT 6054: Presenting	1.5	MBA 6950: Capstone 2	3.0
MGT 6071: Competitive Strategy	3.0	FALL or SPRING: MBA 6002: Career Perspectives (1.0) Engineering or Business Electives (18.0)	
MBA 6950: Capstone 1	3.0		
MGT 6051: Managing and Leading in Organizations	3.0		
Summer Semester - Internship Strongly Recommended			
MBA YEAR 3 / 6.5 credits			
Fall Semester			
Engineering or Business Electives	6.5		

Internships

MBA students are strongly encouraged to participate in summer internships for both summers. These summer internships allow students to gain practical experience in their area of interest, and for many students it becomes a defining experience for them in their future careers. Students in the MBA/MSE dual degree program are encouraged to find meaningful internships in areas of engineering and business, which will further their career goals and lay the groundwork toward securing fulfilling full-time positions upon graduation. Previous internships have included working with GE Healthcare, RioTinto, USTAR, IM Flash, IVEENA, Westech Engineer Inc., EGI, GO Natural CNG, and Control 4.

For many, the decision to pursue an MBA stems from a desire to tackle larger and more abstract strategic problems instead of the structured "engineering type" problems most engineers are accustomed to. The strong analytical capability that engineers possess is highly valued in the business world, but it is imperative that they also understand the other, more qualitative, aspects as well. These qualitative skills are what engineers stereotypically lack; preferring more black and white answers. But in the business world, it's not typically that simple.

Getting an MBA to supplement an undergraduate engineering education certainly makes sense to those considering starting their own business or wanting to go into consulting. When starting your own business, entrepreneurs need to fully understand the fundamentals of business as well as the technical and engineering side. Finding a solution is valuable but only if that solution is feasible from the business perspective. Many recent surveys of executive resumes reveal an increasing number of CEO's with engineering degrees than was the case only a couple of decades ago.



Application Deadlines for Fall 2013

Engineering:	Computer Science:	December 15th
	Mechanical:	April 1st
	Others:	January 15th
MBA:	First Round:	November 1st
	Second Round:	December 1st
	Third Round:	February 1st
	Fourth Round:	April 1st

Applying for the MBA/MSE Program

- Complete **TWO** applications, one for each degree:

Visit our website (www.business.utah.edu) and the engineering website (<http://mech.utah.edu/academics/grads/admissions/domestic-applicants/>), for specific detailed application instructions.

The MBA/MSE Program is not a combined single degree program. Therefore, applicants must submit two applications, one to each college; because two separate graduate degrees will be given upon completion of all requirements.

Tuition/Costs

Estimated tuition and fees for the Full-Time MBA/MSE dual-degree:

Resident: \$50,000*

- * This estimate of tuition reflects 74 total credit hours taken over the course of 5 semesters at the current tuition rates. Please note that this is an estimate only and that tuition rates may fluctuate over the course of a program.

The MBA/MSE Capstone Project

The MBA/MSE Engineering Capstone Project is a business project that relies upon your experience and expertise as an engineer to blend the two worlds of business and science together. It is a required component of the dual degree MBA/MSE program. Because the MSE portion of your studies is "non-thesis" this capstone is to be considered your research project with engineering and business in mind. Students register for six credit hours during the Fall (3) and Spring (3) semesters of their second year.

CONTACT US

David Eccles School of Business:

Graduate Admissions
801-581-7785
mastersinfo@business.utah.edu
www.business.utah.edu

College of Engineering:

Bioengineering
Karen Terry, Advisor
801-581-8559
karen.terry@utah.edu

Chemical Engineering
Tracey Farnsworth, Advisor
801-585-7175
farnsworth@eng.utah.edu

Electrical & Computer Engineering
Lori Sather, Advisor
801-581-6943
lori.sather@utah.edu

Mechanical Engineering
Moana Hansen, Advisor
801-585-9293
moana.hansen@utah.edu

School of Computing
Ann Carlstrom, Graduate Advisor
801-581-7631
annc@cs.utah.edu