Program Overview
The College of Engineering and the David Eccles School of Business offer a dual degree program in which 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. Students develop the skills needed to move between complex technical issues and the commercial issues of leading and managing businesses. 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 $80,100 according to the US Bureau of Labor Statistics for 2013. Engineering managers on the other hand, generally with an MBA degree, make an average of $136,500 a year according to the same source.

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.

MBA/MSE Program At-A-Glance

| Total Credit Hours: | 74 |
| Core MBA: | 33 |
| Elective MBA: | 14 |
| Engineering: | 21 |
| MBA/MSE Capstone: | 6 |
| Length of Program: | 5 semesters |
| Entry to Program: | Fall |
| Format: | Full-time / on campus |

Bachelor’s degree with 3.0 GPA required to apply

Work Experience: 2 years professional post-undergraduate work experience suggested but undergraduate engineering projects and internships may be considered in place of work experience.

Internships: Strongly suggested for both summers

Timeframe: All work for both master’s degrees must be completed within four consecutive calendar years.

MSE Departments: Some of the engineering departments have different credit hour requirements. Be sure to consult with your specific department for program details.

GMAT or GRE Score: Competitive applications meet or exceed an equivalent average GMAT score of 600.

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 and 47 hours in the School 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.
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.

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 and full-time positions have included working with GE Healthcare, USTAR, IM Flash, IVEENA, EDI, GO Natural CNG, Control 4, Chevron, Rio Tinto, Westech Engineer Inc., Questar, Savage Services, Amedica, Edwards Life Sciences, TD Williamson, Backcountry.com, L3 Communications, and Hamilton Sundstrand.

Tuition/Costs

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

- Resident: $60,500*
  - This tuition estimate 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 considered as 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.