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.
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 register for six credit hours during the Fall (3) and Spring (3) semesters of their second year. Consider 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. 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.

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.