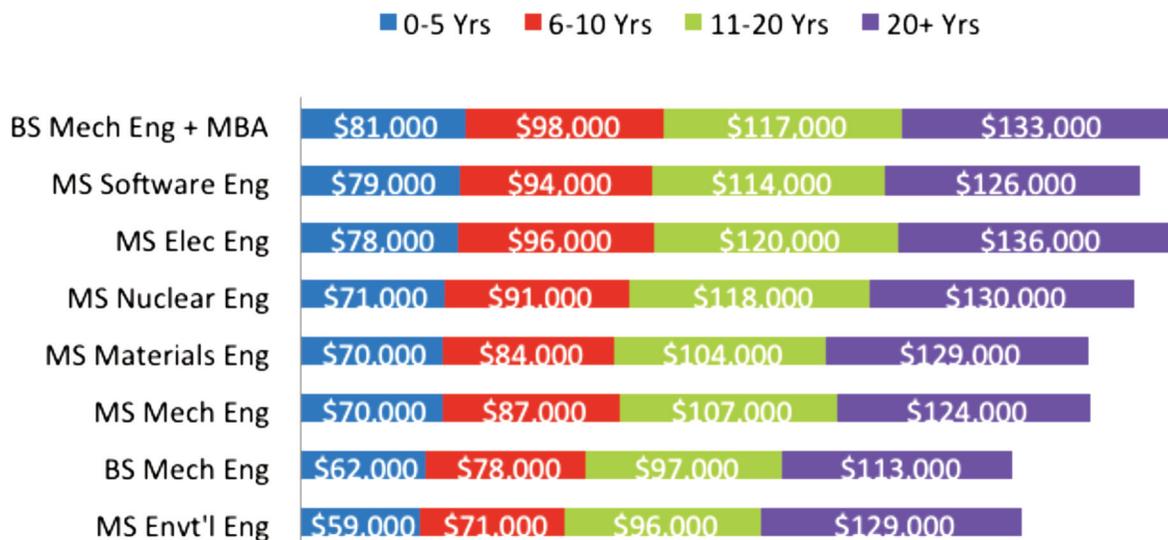


Engineering + Business = A Fast Track Career

People with engineering backgrounds can have very productive careers. However, engineers and scientists who complement their undergraduate degrees with a Master's degree in business benefit dramatically from the combination, in multiple ways:

- Financial benefits:** Graduates who join companies as entry level engineers enjoy high salaries, compared with many other degrees. In fact, Rensselaer engineers enjoy comparatively higher salaries than engineering graduates from other schools¹. However, those who have added a business degree fair better across their careers than those with a BS in Engineering AND compared with those with an MS in Engineering. Salary growth for a variety of Graduate Engineering degrees, for example², is shown in the accompanying chart. The BS in Engineering + MBA outpaces all other MS degrees in the early part of one's career and outpaces nearly all other MS Eng degrees as one's career progresses. The one MS Eng degree that outpaces a BS Mech Eng + MBA is an MS Elec Eng. However, comparable data for a BS Elec Eng'g + MBA degree are not available.

Career Salary Growth & Lifetime Value Comparisons



¹ <http://www.payscale.com>

² <http://www.payscale.com/college-salary-report/degrees-and-majors-lifetime-earnings>

- **Career options.** An undergraduate degree in Engineering + a Master's in Business is a potent combination to employers. Companies want tech savvy engineers who also understand the business consequences of their decisions. You'll move up the ranks faster this way, and the variety of opportunities available to you increases.
- **Different Ways to Contribute:** Some people are excellent individual contributors. Conducting analyses, producing innovative designs, and tracking or monitoring quality are some of the roles these employees fill. Some people contribute through and with others. Developing strategy, setting priorities, leading teams, recommending courses of action and then managing their implementation are some of the responsibilities these people undertake. Business degrees can prepare you for either or both.
- **Be Prepared for the Challenge:** What are you going to say when your manager asks you for the expected Return on Investment for your project? What will you do when your boss asks you to prove that your prototype will sell? It helps if you have the language, the principles and some practice in the disciplines of business. Marketing, Finance, Management and Operations are functions in a company that make it work. Engineers who understand those functions will rise to the top.

Engineers work in businesses. Wouldn't it make sense to know how companies work— and how to use that knowledge to your advantage?

Lally School of Management Masters Degrees:

- Master's in Business Administration
- Master's in Business Analytics
- Master's in Management
- Master's in Supply Chain Management
- Master's in Technology Commercialization and Entrepreneurship
- Master's in Quantitative Finance and Risk Analytics

For an appointment to discuss which degree is the best fit for you and how to apply, contact:

Professor Gina O'Connor
Associate Dean of Academic Affairs
Lally School of Management
ocong@rpi.edu