

Design Your Program

The Master of Engineering programs in the Sibley School will help you improve your technical skills and equip you for a career as an engineer or engineering manager. They also provide the freedom to add some specialization or focus to your program.

Designing a Focus for Your M.Eng. Program

- The possible areas of focus in engineering are very broad; narrow down your interests to some subset of the possibilities; make a list of subtopics you would like to learn more about. In addition to deciding on the specific technologies/applications in which you are interested, you should consider where your interests lie between depth in specialized technical areas and an overall or systems view of design, modeling, and integration of complex systems. If you are interested in technical depth, look for relevant advanced courses in MAE or related fields; if you are interested in an overall systems view, some of your courses should be in systems engineering, management and business.
- You may want to think about taking some professional development courses focused on business, management, leadership or entrepreneurship

Steps in Developing a Specific Focus Program

- Think about your particular interests and career aspirations and decide on the focus or emphasis your program will take
- Look for courses available in these areas
- Discuss your ideas about focus and classes with your M.Eng. advisor and, possibly, faculty who teach the courses that you are considering
- Find a relevant project. You will be provided with a list of projects faculty are offering but you may also speak with faculty doing research of interest to you who may be willing to advise you on a project not specifically listed in the project offerings.