Master of Science in Engineering (MS Engineering)

**Degree Requirements**
The MS in Engineering requires a minimum of 30 credit hours. These credit hours must include the following:

- 30 credit hours including the required Thesis course (EGR 599) and a thesis, or
- 30 credit hours including the required Applied Project course (EGR 593), or
- 30 credit hours including the required Capstone course (EGR 570), or
- 30 credit hours and a written comprehensive exam.

**Coursework**
Required Courses (18 credit hours)**
- EGR 520 Engineering System Design and Analysis (3)
- EGR 530 Principles of Systems Engineering (3)
- EGR 535 Engineering Innovation and Entrepreneurship (3)
- EGR 598 Statistics for Engineering (3)
- EGR 598 Simulation (3)
- EGR 500 Research Methods (3)

Focus Area Courses (6-9 credit hours)**
Courses available in: alternative energy, electronic systems, manufacturing engineering, and mechanical systems. Acceptable courses include 500-level courses with a prefix of: AET, ALT, EET, EGR, EST, or MET. Others may be acceptable; verify your selection with your committee chair or the graduate advising office.

Elective Courses (0-3 credit hours)*

Culminating Experience (0 - 6 credits)*
Select one (1) culminating experience
- Written Comprehensive Exam (0 credits)
- EGR 599 Thesis (6 credits)*
- EGR 593 Applied Project (3 credits)*
- EGR 570 Capstone Course (3 credits)*

*Students do not complete an elective course with the applied project, capstone, or thesis options.

**Courses are subject to change and are not typically offered every semester. See program website, graduate advising or department with questions.

*Updated February 2015

Questions? Contact polygrad@asu.edu or 480.727.4723