# Mechanical Engineering Minor

Admission to the Joint Engineering program is required. A minimum of 19 credit hours in Joint Mechanical Engineering and Engineering courses are required.

## Required Courses
- **ENGR 2310** Statics 3
- **ENGR 2320** Dynamics 3
- **J M ENGR 2410** Mechanics of Deformable Bodies 3

Choose at least one of the following four options for an additional 10 credit hours:

### Option 1
- **J M ENGR 3250** Material Science for J M ENGR
- Any other two J M ENGR courses for 6 credit hours

### Option 2
- **J M ENGR 3200** Thermodynamics
- **J M ENGR 3700** Fluid Mechanics
- **J M ENGR 3710** Principles of Heat Transfer
- **J M ENGR 3721** Fluid Mechanics Laboratory
  - or **J M ENGR 3722** Heat Transfer Laboratory

### Option 3
- **J M ENGR 3200** Thermodynamics
- **J M ENGR 3700** Fluid Mechanics
- **J M ENGR 3710** Principles of Heat Transfer
- **J M ENGR 3721** Fluid Mechanics Laboratory
  - or **J M ENGR 3722** Heat Transfer Laboratory

### Option 4
- **J M ENGR 4170** Dynamic Response of Physical Systems
- **J M ENGR 4180** Dynamic Response Laboratory
- Any other J M ENGR course for 7 credit hours

## Total Hours
- 19