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