Mechanical Engineering
Prerequisite Flowchart

These requirements are effective for students admitted to the Mechanical Engineering major beginning Summer 2011.

**FRESHMAN YEAR**
- FALL Term 1: Bioscience – 3/4
  - Choose 1 from approved list
- SPRING Term 2: EGR 100 - 2
  - Intro Engr Design
- SPRING Term 3: MTH 132 - 3
  - Calc I
- SPRING Term 4: CEM 141 - 4
  - Gen Cem

**SOPHOMORE YEAR**
- FALL Term 3: CEM 161 – 1
  - Cem Lab I
- SPRING Term 4: ME 280 – 2
  - Graphic Comm
- SPRING Term 5: ME 201 – 3
  - Thermodynamics
- SPRING Term 6: ME 222 – 3
  - Mech of Defrm Sol

**JUNIOR YEAR**
- FALL Term 7: MSE 250 – 3
  - Matls Sci & Engr
- SPRING Term 8: ME 361 – 3
  - Dynamics
- SPRING Term 9: ME 371 – 3
  - Mechanical Des I

**SENIOR YEAR**
- FALL Term 1: ME 391 – 3
  - Mech Engr Analy
- SPRING Term 2: ME 371 – 3
  - Mechanical Des II
- SPRING Term 3: ME 410 – 3
  - Heat Transfer
- SPRING Term 4: ME 410 – 3
  - Heat Transfer Lab
- SPRING Term 5: ME 461 – 3
  - Mechan Vibrations
- SPRING Term 6: ME 481 – 3
  - ME Desgn Projects
- SPRING Term 7: ME 451 – 4
  - Control Systems
- SPRING Term 8: ME 481 – 3
  - ME Desgn Projects

**Undeclared Elective**
- 3 crs of Gen Elecs

**Senior Elective**
- 3 crs of Gen Elecs

**Senior Elective**
- From approved list

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**LEGEND**

- Prerequisite
- Prerequisite or Concurrent