**Pre-Mechanical Engineering**

**Fall**
- **MIME 101**
  - Introduction to Engineering in MIME
  - (3cr, F)
- **MTH 251**
  - Differential Calculus
  - (4cr, FWSpSu)
- **CH 201**
  - Chemistry for Engineers
  - (3cr, F, W)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS

**Winter**
- **ENGR 248**
  - Engr. Graphics & 3-D Modeling
  - (3cr, FWSpSu)
- **MTH 252**
  - Integral Calculus
  - (4cr, FWSpSu)
- **CH 202**
  - Chemistry for Engineers
  - (3cr, W, Sp)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS

**Spring**
- **ENGR 112**
  - Introduction to Engineering Computing
  - (3cr, FWSpSu)
- **MTH 254**
  - Vector Calculus
  - (4cr, FWSpSu)
- **PH 211**
  - Physics w/Calculus
  - (4cr, FWSpSu)
- **ENGR 205**
  - Laboratory for CH 202
  - (1cr, W, Sp)
- **HHS 231 + HHS Lab or PAC class**
  - (2+1cr, FWSpSu)

**Fall**
- **ENGR 211**
  - Statics
  - (3cr, FWSpSu)
- **MTH 256**
  - Differential Equations
  - (4cr, FWSpSu)
- **PH 212**
  - Physics w/Calculus
  - (4cr, FWSpSu)
- **ENGR 201**
  - Electrical Fundamentals
  - (3cr, FWSpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS

**Winter**
- **ENGR 212**
  - Dynamics
  - (3cr, FWSpSu)
- **MTH 306**
  - Matrix & Power Series Methods
  - (4cr, FWSpSu)
- **PH 213**
  - Physics w/Calculus
  - (4cr, FWSpSu)
- **ENGR 202**
  - Electrical Fundamentals II
  - (3cr, W, SpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS

**Spring**
- **ENGR 213**
  - Strength of Materials
  - (3cr, FWSpSu)
- **ST 314**
  - Statistics for Engineers
  - (3cr, FWSpSu)
- **ENGR 391**
  - Engr. Economics and Project Management
  - (3cr, FWSpSu)
- **WR 327**
  - Technical Writing
  - (3cr, FWSpSu)

* ECON 201 or ECON 202 also satisfies OSU's baccalaureate core requirement for a Social Processes and Institutions Perspectives Elective.
** Soph = Sophomore standing in engineering required to enroll in this class.
† Recommended Pre-Req MTH 251
†† Shaded courses are prerequisites for junior year courses, recommended for completion prior to entry into the professional program.
††† Grades in shaded courses are used to determine pre-Core GPA and are required for entry into the professional program.
†††† Bacc Core Elective courses are taken to complete OSU's baccalaureate core curriculum and need only be taken sometime before graduation. For ME majors, the seven Bacc Core Elective courses consist of one course each in the areas of western culture (WC), cultural diversity (CD), literature and the arts (LA), biological science (BIO), difference, power and discrimination (DPD), contemporary global issues (CGI), and science, technology and society (STS).

Courses listed in red as being available during a term, may or may not actually be offered.

Updated 9/28/15
A complete list of Restricted Electives and Lab Technical Electives is available through the “Download Academic Plan for Mechanical Engineering” link at [http://mime.oregonstate.edu/academics/undergrad/program-planning-tools](http://mime.oregonstate.edu/academics/undergrad/program-planning-tools).

Access to shaded courses requires entrance to the ME professional program.

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