Pre-Mechanical Engineering

**Fall First year**
- **MTH 103**
  - Algebraic Reasoning
  - (4cr, FWSp)
- **WR 121**
  - English Composition
  - (3cr, FWSpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS
- **PAC course**
  - (1cr, FWSpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS
- **HHS 231**
  - Lifetime Fitness for Health
  - (2cr, FWSpSu)
- **COMM 111 or 114**
  - (3cr, FWSpSu)

**Winter**
- **MTH 111**
  - College Algebra (4cr, FWSpSu)
- **HHS 231**
  - Lifetime Fitness for Health (2cr, FWSpSu)
- **COMM 111 or 114**
  - (3cr, FWSpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS
- **PAC course**
  - (1cr, FWSpSu)
- **BACC CORE Elective**
  - WC, CD, LA, DPD, BIO, CGI, STS
- **ECON 201 or 201**
  - Intro to MIME (3cr, F)

**Spring**
- **MTH 112**
  - Elementary Functions
  - (4cr, FWSpSu)
- **COMM 111 or 114**
  - (3cr, FWSpSu)
- **CH 201**
  - Chemistry for Engineers
  - (3cr, FW)
- **ENGR 112**
  - Introduction to Engineering Computing
  - (3cr, FWSpSu)
- **WR 327**
  - Technical Writing
  - (3cr, FWSpSu)

**Fall Second year**
- **MTH 251**
  - Differential Calculus
  - (4cr, FWSpSu)
- **CH 201**
  - Chemistry for Engineers
  - (3cr, FW)
- **ENGR 248**
  - Engr. Graphics & 3D Modeling
  - (3cr, FWSpSu)
- **PH 211**
  - Physics w/ Calculus
  - (4cr, FWSpSu)

**Winter**
- **MTH 252**
  - Integral Calculus
  - (4cr, FWSpSu)
- **CH 202**
  - Chemistry for Engineers
  - (3cr, WS)
- **ENGR 248**
  - Engr. Graphics & 3D Modeling
  - (3cr, FWSpSu)
- **ENGR 2112**
  - Introduction to Engineering Computing
  - (3cr, FWSpSu)
- **PH 211**
  - Physics w/ Calculus
  - (4cr, FWSpSu)

**Spring**
- **ENGR 211**
  - Statics
  - (3cr, FWSpSu)
- **ENGR 212**
  - Dynamics
  - (3cr, FWSpSu)
- **ENGR 391**
  - Engr. Economics and Project Management
  - (3cr, FWSpSu)
- **ENGR 201**
  - Electrical Fundamentals 1
  - (3cr, FWSpSu)
- **ENGR 202**
  - Electrical Fundamentals 2
  - (3cr, WS)

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* 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.

- Lightly shaded courses are prerequisites for junior year courses, and recommended for completion prior to entry into the professional program.
- Grades in dark-shaded courses are used to determine pre-Core GPA and are required for entry into the professional program.
- Su Courses listed in red as being available during a term, may or may not actually be offered.
- † Bacc Core Elective courses are taken to complete OSU’s baccalaureate core curriculum (http://catalog.oregonstate.edu/bcc.aspx) 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).