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)
- WR 121 English Composition (3cr, FWSpSu)
- BACC CORE Elective

**Winter**
- ENGR 248 Engr. Graphics & 3-D Modeling (3cr, FWSpSu)
- MTH 252 Integral Calculus (4cr, FWSpSu)
- CH 202 Chemistry for Engineers (3cr, W,Sp)
- COMM 111/114 Speech (3cr, FWSpSu)
- BACC CORE Elective

**Spring**
- ENGR 112 Introduction to Engineering Computing (3cr, FWSpSu)
- MTH 254 Vector Calculus (4cr, FWSpSu)
- PH 211 Physics w/Calculus (4cr, FWSpSu)
- CH 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)
- ECON 201 (or 202) Introduction to Micro- (or Macro-) economics* (4cr, FWSpSu)
- BACC CORE Elective

**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 (3cr, FWSpSu)
- BACC CORE Elective

**Spring**
- ENGR 213 Strength of Materials (3cr, FWSpSu)
- ST 314 Statistics for Engineers (3cr, FWSpSu)
- ENGR 201 Electrical Fundamentals (3cr, FWSpSu)
- WR 327 Technical Writing (3cr, FWSpSu)

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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.
Grades in shaded courses are used to determine pre-Core GPA and are required for entry into the professional program.
Shaded courses are prerequisites for junior year courses, recommended for completion prior to entry into the professional program.
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).

Updated 10.8.13
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.

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

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