Manufacturing Engineering – Non MECOP

**Fall**
- ME 382 Intro to Design (4cr, F)
- MFGE 336 Production Engineering (4cr, W)
- IE 355 Statistical Quality Control (4cr, F)
- IE 367 Production Planning and Control (4cr, F)
- ST 314
- CH 202
- MATS 321 Materials Science (4cr, FWSu)
- IE 366 Work Design (4cr, WSu)

**Winter**
- MFGE Processes Restricted Elective (3cr)
- IE 356 Experimental Design (4cr, W)
- MTH 252
- IE 368 Facilities Design and Operations Management (4cr, W)
- ST 314
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 336

**Spring**
- ME 382 or IE 366
- ENGR 201 Electrical Fundamentals (3cr, FWSpSu)
- BACC CORE Elective†
- BACC CORE Elective†
- MTH 256 & IE 366
- IE 412 Information Systems Engineering (4cr, F)
- IE 415 Simulation & Decision Support Systems (4cr, W)
- IE 498 MIME Capstone Design (4cr, W)

**Fall**
- ME 311 Intro to Thermal-Fluid Sciences (4cr, FWSu)
- MFGE 337 Materials and Manufacturing Processes (4cr, W)
- IE 368 Facilities Design and Operations Management (4cr, W)
- IE 412 Information Systems Engineering (4cr, F)
- IE 497 MIME Capstone Design (4cr, F)

**Winter**
- ENGR 212 & MTH 256
- ME 311 Intro to Thermal-Fluid Sciences (4cr, FWSu)
- MFGE 337 Materials and Manufacturing Processes (4cr, W)
- IE 415 Simulation & Decision Support Systems (4cr, W)
- IE 498 MIME Capstone Design (4cr, W)

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A complete list of MfgE Electives is available through the MIME Advising website: [http://mime.oregonstate.edu/undergrad/advising/schedule-appt](http://mime.oregonstate.edu/undergrad/advising/schedule-appt).

Access to shaded courses requires entrance to the MfgE 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](http://catalog.oregonstate.edu/bcc.aspx)) and need only be taken sometime before graduation.

For MfgE majors, the eight Bacc Core Elective courses consist of one course each in the areas of western culture (WC), cultural diversity (CD), literature and the arts (LA), social processes and institutions (SPI), biological science (BIO), difference, power and discrimination (DPD), contemporary global issues (CGI), and science, technology and society (STS).