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

Access to shaded courses requires entrance to the MfgE 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 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).
Manufacturing Engineering – Non MECOP

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

Winter
- MFGE 336 Production Engineering (4cr, W)
- ENGR 201 Electrical Fundamentals (3cr, FWSpSu)
- ST 314 IE 356 Experimental Design (4cr, W)
- ST 314 IE 368 Facilities Design and Operations Management (4cr, W)
- IE 412 Simulation & Decision Support Systems (4cr, W)

Spring
- IE 355 IE 356 IE 366 IE 367 IE 497 MIME Capstone Design (4cr, F)
- IE 356 IE 366 IE 367 IE 368 & MFGE 337 IE 498 MIME Capstone Design (4cr, W)
- IE 352 or IE 366 MfGE Processes Restricted Elective (3cr)
- ME 212 IE 212 BACC CORE Elective † WC, CD, LA, SPI, DPD, BIO, CGI, STS
- ST 314 & IE 212 IE 415 Information Systems Engineering (4cr, F)
- IE 366 IE 382 or IE 366 Computer-Aided Design (4cr, F)
- ME 250, ENGR 248, & ENGR 321 MFGE 337 Materials and Manufacturing Processes (4cr, F)
- IE 352 or IE 366 MfGE Processes Restricted Elective (3cr)

Fall
- ME 382 or IE 366 MfGE Processes Restricted Elective (3cr)
- ENGR 212 or MTH 256 ME 311 Intro to Thermal-Fluid Sciences (4cr, FWSu)
- MFGE 337 Processes Restricted Elective (3cr)
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 337 IE 497 MIME Capstone Design (4cr, F)
- IE 368 IE 366 IE 367 IE 368 & MFGE 337 IE 498 MIME Capstone Design (4cr, W)

Winter
- ME 311 Intro to Thermal-Fluid Sciences (4cr, FWSu)
- MFGE 337 Processes Restricted Elective (3cr)
- IE 212 ST 314 BACC CORE Elective † WC, CD, LA, SPI, DPD, BIO, CGI, STS
- ST 314 IE 212 IE 415 Information Systems Engineering (4cr, F)
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 337 IE 497 MIME Capstone Design (4cr, F)
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 337 IE 498 MIME Capstone Design (4cr, W)

Spring
- MFGE 337 Processes Restricted Elective (3cr)
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 337 IE 497 MIME Capstone Design (4cr, F)
- IE 355, IE 356, IE 366, IE 367, IE 368 & MFGE 337 IE 498 MIME Capstone Design (4cr, W)

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