Industrial Engineering – Non MECOP

### Fall
- **Restricted Elective** (Business Engr. Option = BA 211)
- **IE 355** Statistical Quality Control (4cr, F)
- **IE 367** Production Planning and Control (4cr, F)
- **ENGR 321** Materials Science (4cr, FWSpSu)

### Winter
- **MFGE 336** Production Engineering (4cr, W)
- **IE 356** Experimental Design (4cr, W)
- **IE 368** Facilities Design and Operations Management (4cr, W)
- **IE 366** Work Design (4cr, WSu)

### Spring
- **MTH 305 & ST 314**
- **IE 425** Industrial Systems Optimization (4cr, F)
- **IE 412** Information Systems Engineering (4cr, F)
- **IE 497** MIME Capstone Design (4cr, F)

### Fall
- **Restricted Elective** (Business Engr. Option = BA 230)
- **ST 314**
- **IE 212**
- **IE 498** MIME Capstone Design (4cr, W)

### Winter
- **MTH 252**
- **ST 314** & **IE 212**
- **IE 415** Simulation & Decision Support Systems (4cr, W)
- **FIN 342** (Business Engr. Option Only)

### Spring
- **BACC CORE Elective**¹ WC, CD, LA, SPI, DPD, BIO, CGI, STS
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Access to shaded courses requires entrance to the IE professional program.

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 IE 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).

A complete list of Restricted Electives is available through the MIME Advising Materials website: http://mime.oregonstate.edu/undergrad/advising/schedule-appt. The Restricted Electives are grouped into the seven focus areas and the Business Engineering Option.

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

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

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Industrial Engineering – MECOP

Fall

- **Restricted Elective** (Business Engr. Option = BA 211) (4cr)
- **MFGE 336 Production Engineering** (4cr, W)
- **IE 355 Statistical Quality Control** (4cr, F)
- **IE 356 Experimental Design** (4cr, W)
- **IE 367 Production Planning and Control** (4cr, F)
- **IE 368 Facilities Design and Operations Management** (4cr, W)
- **ENGR 321 Materials Science** (4cr, FWSpSu)
- **ENGR 407 MECOP Seminar** (1cr, F)
- **ST 314**
- **ST 314 & MTH 306**
- **ST 314 & IE 212**
- **IE 212**

Winter

- **IE 412 Information Systems Engineering** (4cr, F)
- **IE 415 Simulation & Decision Support Systems** (4cr, W)
- **IE 425 Industrial Systems Optimization** (4cr, F)
- **IE 368 Facilities Design and Operations Management** (4cr, W)
- **ENGR 201 Electrical Fundamentals** (3cr, FWSpSu)
- **ST 314 & IE 212**
- **MTH 252**
- **ST 314 & MTH 306**
- **MTH 252**
- **MTH 306 & IE 212**
- **IE 355, IE 356, IE 366, IE 367, IE 368, & MFGE 337**

Spring

- **IE 407 MIME Capstone Design** (4cr, F)
- **IE 498 MIME Capstone Design** (4cr, W)
- **FIN 342** (Business Engr. Option Only) (4cr)
- **IE 412 Information Systems Engineering** (4cr, F)
- **IE 415 Simulation & Decision Support Systems** (4cr, W)
- **IE 425 Industrial Systems Optimization** (4cr, F)
- **IE 368 Facilities Design and Operations Management** (4cr, W)
- **ENGR 201 Electrical Fundamentals** (3cr, FWSpSu)
- **ST 314 & MTH 306**
- **MTH 252**
- **ST 314 & IE 212**
- **IE 355, IE 356, IE 366, IE 367, IE 368, & MFGE 337**

Summer

- **IE 407 MIME Capstone Design** (4cr, F)
- **IE 498 MIME Capstone Design** (4cr, W)
- **FIN 342** (Business Engr. Option Only) (4cr)
- **IE 355, IE 356, IE 366, IE 367, IE 368, & MFGE 337**

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.

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

A complete list of Restricted Electives is available through the MIME Advising Materials website: http://mime.oregonstate.edu/undergrad/advising/schedule-appt. The Restricted Electives are grouped into seven focus areas and the Business Engineering Option.

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