

Portland State University

Mechanical Engineering

Possible 4 Year Course Plan

| FRESHMAN | | | SOPHOMORE | | | JUNIOR | | | SENIOR | | |
|--|--------------------------|--------------------|----------------------------------|--------------------|---------------|--------------------------|-----------------|----------------------------|----------------------------|----------------------------|--------|
| FALL | WINTER | SPRING | FALL | WINTER | SPRING | FALL | WINTER | SPRING | FALL | WINTER | SPRING |
| Math / Science Requirements | | | | | | | | | | | |
| CALCULUS | | | CALC | DIF | | | | | | | |
| MTH 251 | MTH 252 | MTH 253 | IV MTH 254 | EQ I MTH 256 | | | | | | | |
| CHEM | | | PHYSICS | | | STATS 451 | | | PHYS METAL PH 381 | | |
| CH 221 | CH 222 | CH 223 | PH 221 | PH 222 | PH 223 | | | | | | |
| | | | PH 214 | PH 215 | PH216 | | | | | | |
| CH 227 | | CH 228 | | | | | | | | | |
| Engineering / Computer Science Requirements | | | | | | | | | | | |
| ENGR PROB SOLV EAS 101 | ENGR GRAPH EAS 115 | STATIC | STREN OF MAT | DYNAM | ENGR THERM | THERM FLUIDS | HEAT TRANS | DES ME 491 | DES PROJECT | | |
| | | EAS 211 | EAS 212 | EAS 215 | ME 321 | ME 322 | ME 323 | DOE ME 488 | I ME 492 | II ME 493 | |
| | | PROP OF MAT | ELECT | MFG PROC | FLUID MECH | MECH ANAL | DESIGN MACH | SYSTS DESIGN | ENGR MEAS | Approved ME Elective | |
| | | EAS 213 | ECE 221 & 201 | ME 241 | EAS 361 | ME 313 | ME 314 | ME 420 ME 437 | 411 | | |
| | | | | | NUM METH | SYS DY MODEL | | Approved ME Elective | Approved ME Elective | Approved ME Elective | |
| | | | | | ME 352 | ME 351 | | | | | |
| General Education Requirements (see reverse side) | | | | | | | | | | | |
| FRESHMAN INQUIRY | | | SOPHOMORE INQUIRY | | | PRIV PUBLIC INVEST | UP DIV CLUST | | UNST UP DIV CLUST | | |
| UNST 101 | UNST 102 | UNST 103 | UNST 299 | UNST 299 | UNST 299 | EC314U | | | | | |

EXPLANATION

CREDIT HOURS

| |
|---|
| 1 |
| 2 |
| 3 |
| 4 |

MUST TAKE EITHER ME 420 OR ME 437
ME 491 & 492 FULFILL UNST CAPSTONE

SHADED AREA - CORE REQUIREMENTS
FRESHMAN INQUIRY IS SATISFIED BY SP 100
AND WR 121 FOR TRANSFER STUDENTS
TRANSFER STUDENTS MAY SUBSTITUTE
PHYSICS 211-213 FOR PHYSICS 221-223

2002-03