



University of Hawai'i at Mānoa – Four-Year Academic Plan 2014-2015
College of Engineering
Bachelor of Science (BS) in Mechanical Engineering

SAMPLE

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

| Year 1 | | Year 2 | | Year 3 | | Year 4 | |
|----------------------|-----------|----------------------------|-----------|----------------------|-----------|----------------------|------------|
| Fall | | Fall | | Fall | | Fall | |
| ENG 100 (FW) | 3 | CEE 270 | 3 | ME 311 | 4 | ME 422 | 3 |
| MATH 241 (FS) | 4 | MATH 243 | 3 | ME 331 | 3 | ME 480 | 3 |
| CHEM 161 (DP) | 3 | PHYS 272 | 3 | ME 360, MATH 407, or | 3 | ME 481 | 3 |
| CHEM 161L (DY) | 1 | PHYS 272L | 1 | PHYS 305 | | Technical Elective | 3 |
| FG (A/B/C) | 3 | EE 211 | 4 | ME 371 or CEE 370 | 3 | Technical Elective | 3 |
| | | ME 213 | 3 | ME 375 | 3 | | |
| Credits | 14 | Credits | 17 | Credits | 16 | Credits | 15 |
| Spring | | Spring | | Spring | | Spring | |
| MATH 242 | 4 | CEE 271 or ME 271 | 3 | ME 312 | 3 | ME 402 | 2 |
| PHYS 170 | 4 | MATH 244 | 3 | ME 322 | 3 | ME 482 | 3 |
| PHYS 170L | 1 | ECON 120, 130, or 131 (DS) | 3 | ME 341 | 3 | Technical Elective | 3 |
| CHEM 162 | 3 | MATH 302 or 307 | 3 | ME 342 | 2 | DH/DL | 3 |
| COMG 251 (DA) | 3 | FG (A/B/C) | 3 | ME 372 | 3 | DS | 3 |
| MATH 190 | 2 | | | ME 374 | 3 | | |
| Credits | 17 | Credits | 15 | Credits | 17 | Credits | 14 |
| Summer | | Summer | | Summer | | Summer | |
| | | | | | | | |
| Credits | 0 | Credits | 0 | Credits | 0 | Credits | 0 |
| Total Credits | 31 | Total Credits | 63 | Total Credits | 96 | Total Credits | 125 |

Notes:

Students must take placement exams to be able to register for CHEM 161 and MATH 241.

Students must take three courses that can be selected from ME 400-level technical electives (3), one of which can be replaced with a non-ME course (3) (with approval from Dept. Chair) or PHYS 274 or BIOL 171 without approval; and a second that can be replaced with an ME 600-level course (3) (3.00 GPA min and approval from Dept. Chair) or ME 499 (3).

Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.

Minimum 45 upper division (300+ course) credits are required.