



**University of Hawai'i at Mānoa – Four-Year Academic Plan 2016-2017**  
**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                 |            |
| CHEM 161 (DP)        | 3         | CEE 270                    | 3         | ME 311               | 4         | ME 422               | 4          |
| CHEM 161L (DY)       | 1         | EE 211                     | 4         | ME 331               | 3         | ME 481               | 3          |
| ENG 100 (FW)         | 3         | MATH 243                   | 3         | ME 360, MATH 407, or | 3         | Technical Elective   | 3          |
| MATH 241 (FS)        | 4         | ME 213                     | 3         | PHYS 305             |           | Technical Elective   | 3          |
| FG (A/B/C)           | 3         | PHYS 272                   | 3         | ME 371 or CEE 370    | 3         |                      |            |
|                      |           | PHYS 272L                  | 1         | ME 374               | 3         |                      |            |
| Credits              | 14        | Credits                    | 17        | Credits              | 16        | Credits              | 13         |
| Spring               |           | Spring                     |           | Spring               |           | Spring               |            |
| CHEM 162             | 3         | CEE 271 or ME 271          | 3         | ME 322               | 4         | ME 482               | 3          |
| EE 160               | 4         | COMG 251 (DA)              | 3         | ME 341               | 4         | Technical Elective   | 3          |
| MATH 242             | 4         | ECON 120, 130, or 131 (DS) | 3         | ME 372               | 3         | DH/DL                | 3          |
| PHYS 170             | 4         | MATH 244                   | 3         | ME 375               | 4         | DS                   | 3          |
| PHYS 170L            | 1         | MATH 302 or 307            | 3         | PHYS 275             | 3         | DS                   |            |
|                      |           | FG (A/B/C)                 | 3         |                      |           |                      |            |
| Credits              | 16        | Credits                    | 18        | Credits              | 18        | Credits              | 12         |
| Summer               |           | Summer                     |           | Summer               |           | Summer               |            |
|                      |           |                            |           |                      |           |                      |            |
| Credits              | 0         | Credits                    | 0         | Credits              | 0         | Credits              | 0          |
| <b>Total Credits</b> | <b>30</b> | <b>Total Credits</b>       | <b>65</b> | <b>Total Credits</b> | <b>99</b> | <b>Total Credits</b> | <b>124</b> |

**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.