



University of Hawai'i at Mānoa - Four-Year Academic Plan 2012-2013

Colleges of Tropical Agriculture and Human Resources

Bachelor of Science (BS) in Tropical Plant and Soil Services

Specialization: Genetics and Physiology

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 | NREM 310 or FAMR 3 | TPSS Elective 300+ 3 | TPSS 492 4 |
| CHEM 161L (DY) 1 | 380/380L 3 | (Genetics and Physio) | TPSS Elective 300+ 3 |
| TPSS 200 (DB) 3 | DS 3 | TPSS Elective 300+ 3 | (Genetics and Physio) |
| FW (or FS) 3 | H/SL 3 | H/SL 3 | TPSS Elective 300+ 3 |
| FG (A/B/C) 3 | FG (A/B/C) 3 | Elective 3 | TPSS Elective 300+ 3 |
| DS 3 | Elective 3 | Elective 3 | Elective 300+ 2 |
| Credits 16 | Credits 15 | Credits 15 | Credits 15 |
| Spring | Spring | Spring | Spring |
| CHEM 162 3 | TPSS 351 3 | TPSS Elective 300+ 3 | TPSS Elective 300+ 3 |
| CHEM 162L 1 | TPSS Elective 3 | (Genetics and Physio) | (Genetics and Physio) |
| BOT 101 3 | MATH 140 or NREM 208 3 | TPSS Elective 300+ 3 | TPSS Elective 300+ 3 |
| BOT 101L 1 | (FS) | H/SL 3 | TPSS Elective 300+ 3 |
| FS (or FW) 3 | DA/DH/DL 3 | Elective 3 | TPSS Elective 300+ 3 |
| DA/DH/DL 3 | H/SL 3 | Elective 3 | Elective 3 |
| Credits 14 | Credits 15 | Credits 15 | Credits 15 |
| Summer | Summer | Summer | Summer |
| | | | |
| Credits 0 | Credits 0 | Credits 0 | Credits 0 |
| Total Credits 30 | Total Credits 60 | Total Credits 90 | Total Credits 120 |

Notes:

- Students must take placement exams to be able to register for CHEM 161.
- Students must take at least four Genetics & Physiology courses from the following: TPSS 371, 440, 453, 470/470L; BIOL 340; MBBE 304, 401.
- Additional eight courses may be Supporting courses from the following: TPSS 236, 300, 304, 409, 416, 420, 435, 450, 460, 463, 491; BIOL 124/124L, BIOL 407; BOT 201/201L, 410/410L, 461; GEOG 101; MICR 314; MBBE 402/402L or BIOL 402 or BIOC 341; PEPS 363/363L, 403, 405.
- Students must incorporate all focus requirements into this plan.
- Minimum 45 upper division (300+ course) credits are required.