



University of Hawai'i at Mānoa – Four-Year Academic Plan 2016-2017
Colleges of Tropical Agriculture and Human Resources
Bachelor of Science (BS) in Natural Resource and Environmental Management
 Natural Science Pathway

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
NREM 210 (DB) 3 CHEM 161 (DP) 3 CHEM 161L (DY) 1 BIOL 171 (DB) 3 BIOL 171L (DY) 1 H/SL 3	NREM 220 or 3 ECON 130 (DS) 3 MATH 203, 215, 241, or 3 NREM 203 (FS) 3 NREM 292 1 H/SL 3 FG (A/B/C) 3 DS 3	NREM 302 (DS, E, O) 3 NREM/TPSS 304 (DP, DY) 4 NREM 310 3 DA/DH/DL 3 NREM Specialization 300+ 3	NREM 477 4 NREM Specialization 300+ 3 NREM Specialization 300+ 3 NREM 492 (WI) 3 Elective 300+ 3 Elective (WI) 1
Credits 14	Credits 16	Credits 16	Credits 17
Spring	Spring	Spring	Spring
CHEM 162 (DP) 3 CHEM 162L (DY) 1 BIOL 172 (DB) 3 BIOL 172L (DY) 1 MATH 140 (FS) 3 H/SL 3	PHYS 151 (DP) 3 PHYS 151L (DY) 1 NREM 301 (DB) 3 NREM 301L (DY, WI) 1 H/SL 3 FG (A/B/C) 3	NREM Specialization 300+ 3 NREM Specialization 300+ 3 DA/DH/DL 3 Elective (H) 3 Elective (WI) 3	NREM 494 3 NREM Specialization 300+ 3 Elective 3 Elective (WI) 3 Elective 300+ 2
Credits 14	Credits 14	Credits 15	Credits 14
Summer	Summer	Summer	Summer
		Complete internship experience	
Credits 0	Credits 0	Credits 0	Credits 0
Total Credits 28	Total Credits 58	Total Credits 89	Total Credits 120

Notes:

- Registration for CHEM 161 requires successful completion of placement exam or completion of CHEM 151 with a C or better.
- Usually internship employment conducted during summer, with credits for NREM 492L awarded the following fall after submission of final paper.
- Track requires 18 upper division credits in a natural resource specialization area, including one course that emphasizes analytical, lab or field research methods.
- Students must incorporate all focus requirements and 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.
- PHYS 151 requires either a grade of C in MATH 140 or a prephysics assessment.