



University of Hawai'i at Mānoa
College of Tropical Agriculture and Human Resources Program Sheet 2015-2016
Bachelor of Science (BS) in Natural Resources and Environmental Management
Admissions: Freshmen = Open / Transfer = Min. Criteria Process: Declaration
Min. Total Credits: 120 (107 in core & major + 13 in electives)

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW ENG 100, 100A, 190, or ESL 100
<input type="checkbox"/> FS MATH 203, 215, 241, or NREM 203
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB BIOL 171
<input type="checkbox"/> DP CHEM 151 or 161
<input type="checkbox"/> DY BIOL 171L
<input type="checkbox"/> DS NREM 220, ECON 130
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>
UHM Graduation Requirements
Focus
<input type="checkbox"/> H
<input type="checkbox"/> E (300+)
<input type="checkbox"/> O (300+)
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W (300+)
<input type="checkbox"/> W (300+)
Hawaiian / Second Language – choose <u>one</u> option
<input type="checkbox"/> Show proficiency at the 202 level in a language
<input type="checkbox"/> Show proficiency at the 102 level in a language and take an additional social science course and natural science course
<input type="checkbox"/> Take an additional two social science courses and two natural science courses
Credit Minimums
• 120 total applicable
• 30 in residence at UHM
• 45 upper division (300+ level) credits
Grade Point Average
• 2.0 cumulative or higher
• Good academic standing

College Requirements
CTAHR Required Set of Interrelated Courses
<input type="checkbox"/> FAMR 380* ^{DS} /380L or NREM 310
<input type="checkbox"/> Internship or capstone course (NREM 492/492L)
Credit Minimums
• 120 total applicable

*This program sheet was prepared to provide information and does not constitute a contract. See back for major requirements.
 Meet regularly with your major advisor.*

Major Requirements for BS in Natural Resources and Environmental Management

Admission: Freshmen = Open; Transfer = Min. entrance GPA of 2.5

Application: NA

Min. major credits: 75-76

Min. exit GPA: 2.0 in the major

Requirements

Natural Resources and Environmental Management Required Basic Courses (11-12 credits)

BIOL 171*^{DB} / 171L*^{DY} *(offered Fall and Summer only)*

BIOL 172*^{DB} / 172L*^{DY} *(offered Spring and Summer only)*

MATH 203*^{FS}, 215*^{FS}, or 241*^{FS}, or NREM 203*^{FS}

Natural Resources and Environmental Management Applied Science Program Core Courses (23 credits)

NREM 210*^{DB} *(offered Fall only)*

NREM 220*^{DS} or ECON 130*^{DS} *(NREM 220 offered Fall only)*

NREM 301 / 301L *(offered Spring only)*

NREM 302 *(offered Fall and Spring only)*

NREM 310

NREM 492 / 492L *(NREM 492 offered Fall only; 492L offered Fall and Spring only)*

NREM 494 *(offered Spring only)*

NREM Specialization Courses (choose only one specialization)

Resource Management and Conservation
(38 credits)

All of the following:

PHYS 151*^{DP} / 151L*^{DY}

CHEM 161*^{DP} / 161L*^{DY}

CHEM 162*^{DP} / 162L*^{DY}

NREM/TPSS 304 *(Fall only)*

NREM 477 *(Fall only)*

18 upper division credits in a natural resource specialization area (including one course that emphasizes analytical, lab, or field research methods):

_____ _____ _____
 _____ _____ _____

Resource Development and Policy
(37-38 credits)

All of the following:

CHEM 151*^{DP} / 151L*^{DY} or CHEM 161*^{DP} / 161L*^{DY}

NREM 341 *(Fall only)*, 351 *(Spring only)* or 429 *(Spring only)*

FAMR 352*^{DS} *(Fall and Spring only)* or NREM 420^{DS} *(Fall only)*

NREM/TPSS/ECON 429 *(Spring only)*; NREM 358 *(Summer only)* or 477 *(Fall only)*; or GEOG 413 *(Fall only)*

12 upper division credits from social science disciplines (not necessarily a single department):

_____ _____ _____
 _____ _____ _____

3 upper division credits in social science analytical/field research methods or in advanced communication:

_____ _____

9 upper division credits in specific natural resource area(s) or field study methods:

_____ _____ _____

Notes

CTAHR Academic Advising Office:

Gilmore 1st floor; ctahradv@hawaii.edu

Appointments are required to see an advisor; please visit ctahradv.youcanbook.me/ to schedule an appointment.

CTAHR Office of Academic and Student Affairs:

Gilmore 210, (808) 956-8183/(808) 956-6733; www.ctahr.hawaii.edu/ugadvising