Bachelor of Science (BS) in Natural Resources and Environmental Management

Admissions: Freshmen = Open / Transfer = Min. Criteria  
Process: Declaration  
Min. Total Credits: 120 (104 in core & major + 16 in electives)

UHM General Education Core Requirements

<table>
<thead>
<tr>
<th>Foundations</th>
<th>Diversification</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
<td>DA / DH / DL</td>
</tr>
<tr>
<td>FS NREM 203, MATH 203, 215, or 241</td>
<td>DB BIOL 171</td>
</tr>
<tr>
<td>FG (A / B / C)</td>
<td>DP CHEM 161</td>
</tr>
<tr>
<td>FG (A / B / C)</td>
<td>DY CHEM 161L</td>
</tr>
<tr>
<td></td>
<td>DS NREM 220, ECON 130</td>
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</tbody>
</table>

* See degree, college and major requirements for courses that can also fulfill these.

UHM Graduation Requirements

<table>
<thead>
<tr>
<th>Focus</th>
<th>Hawaiian / Second Language – choose one option</th>
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</thead>
<tbody>
<tr>
<td>H</td>
<td>Show proficiency at the 202 level in a language</td>
</tr>
<tr>
<td>E (300+) NREM 302</td>
<td>Show proficiency at the 102 level in a language and take an additional social science course and natural science course</td>
</tr>
<tr>
<td>O (300+) NREM 302</td>
<td>Take an additional two social science courses and two natural science courses</td>
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<tr>
<td>W (300+) NREM 301L</td>
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<tr>
<td>W (300+) NREM 492</td>
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</tbody>
</table>

Hawaiian / Second Language – choose one option

- Show proficiency at the 202 level in a language
- Show proficiency at the 102 level in a language and take an additional social science course and natural science course
- 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

<table>
<thead>
<tr>
<th>CTAHR Required Set of Interrelated Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMR 380/380L or NREM 310</td>
</tr>
<tr>
<td>Internship or capstone course (NREM 292 &amp; 492)</td>
</tr>
</tbody>
</table>

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. exit GPA:** 2.0 in the major

## Requirements

### Natural Resources and Environmental Management Basic Courses (15 credits)

- **BIOL 171**  
  **DB**  
  **171L**  
  (Pre: CHEM 131 or higher or concurrent) *(offered Fall, Summer)*

- **CHEM 161**  
  **DY**  
  (Pre: CHEM 131 or placement exam) *(offered Fall, Spring, Summer)*

- **MATH 203**  
  **FS**  
  *(MATH 203, 215, 241 requires placement exam)* *(offered Fall, Spring, Summer)*

### Natural Resources and Environmental Management Core Courses (27 credits)

- **NREM 210** *(offered Fall)*

- **NREM 220** or **ECON 130** *(NREM 220 offered Fall/ ECON 130 offered Fall, Spring, Summer)*

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

- **NREM 302** *(offered Fall)*

- **NREM 310** *(offered Fall, Spring, Summer)*

### NREM Specialization Courses (choose only one specialization)

#### Natural Science Pathway (30 credits)

- **CHEM 162**  
  **DP**  
  **162L** *(offered Fall, Spring, Summer)*

- **NREM/TPSS 304** *(offered Fall)*

- **PHYS 151**  
  **DY**  
  *(offered Fall, Spring, Summer)* *(Pre: MATH 140 or placement exam)*

#### Social Science Pathway (30 credits)

- **Business/Decision-making:**
  - **NREM 341**  
  - **351**  
  - **358**  
  - **NREM/TPSS/ECON 429**  
  - **HRM 351**  
  - **361**  
  - **367**  
  - **HWST 458**

- **Community Resources Management:**
  - **NREM 420**  
  - **COMG 352**  
  - **FAMR 352**  
  - **GEOG 414**

- **Quantitative Analysis:** **NREM 358 or 429 or GEOG 413**

### Specialization Electives:

- Any upper division DS course.

### Natural Resources Area:

- **NREM 380, 450, 461, 463, 467, 480**  
  - **BOT 350, 450, 453, 454**  
  - **GEOG 305, 309, 412, 413, 422, 472**

- **PEPS 350, ZOOL 470**  
  - and any DB, DP, or DY course listed as a Natural Science Pathway specialization elective.

## 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