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| UHM General Education Core Requirements |
|  |
| Foundations |
| * FW ENG 100, 100A, 190, ESL 100, or AMST 111 |
| * FQ\* NREM 203, MATH 203, 215, or 241 |
| * FG (A / B / C) |
| * FG (A / B / C) |
| *\*Note: This requirement changed in Fall 2018. If you entered the UH System prior to that, please see your college/school advisor.* |
| Diversification |
| * DA / DH / DL |
| * DA / DH / DL |
| * DB BIOL 171 |
| * DP CHEM 161 |
| * DY CHEM 161L |
| * DS NREM 220, ECON 130 |
| * DS |
| *\* See degree, college and major requirements for courses that can also fulfill these.* |
| **UHM Graduation Requirements** |
|  |
| Focus |
| * H |
| * E (300+) |
| * O (300+) |
|  |
| * W |
| * W |
| * W |
| * W (300+) |
| * W (300+) |
|  |
| 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 |

*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.*

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| College Requirements |
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| **CTAHR Required Set of Interrelated Courses** |
| * HDFS 380\*DS/380L or NREM 310 |
| * Internship or capstone course (NREM 492) |
|  |
| **Credit Minimums** |
| * 120 total applicable |
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| **Major Requirements for BS in Natural Resources and Environmental Management** |
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| Admission: Freshmen = Open; Transfers from outside UHM = Min. entrance GPA of 2.5. Transfers within UHM must complete one semester at UHM with a minimum 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\*DY (Pre: CHEM 131 or higher or concurrent) *(offered Fall, Summer)* |
| ❑ BIOL 172\*DB / ❑ 172L\*DY (Pre: CHEM 131 or higher or concurrent) *(offered Spring, Summer)* |
| ❑ CHEM 161\*DP / ❑ 161L\*DY (Pre: CHEM 131 or 151 or placement exam) *(offered Fall, Spring, Summer)* |
| ❑ MATH 203\*FQ, 215\*FQ, or 241\*FQ, or NREM 203\*FS/FQ (MATH 203, 215, 241 requires placement exam)  *(offered Fall, Spring, Summer)* |
| **Natural Resources and Environmental Management Core Courses (27 credits)** |
| ❑ NREM 192\*DB *(offered Fall, Spring)* |
| ❑ NREM 251\*DB *(offered Fall)* |
| ❑ NREM 220\*DS or ECON 130\*DS *(NREM 220 offered Fall/ ECON 130 offered Fall, Spring, Summer)* |
| ❑ NREM 301 / ❑ 301L *(offered Spring)*  ❑ NREM 477 *(offered Fall)* |
| ❑ NREM 302  *(offered Fall)*  ❑ NREM 492 *(offered Fall, Spring)* |
| ❑ NREM 310 *(offered Fall, Spring, Summer)* ❑ NREM 494  *(offered Fall, Spring)* |
| **NREM Specialization Courses (choose only one specialization)** |
| ❑ **Natural Science Pathway (30 credits)** |
| ❑ CHEM 162\*DP / ❑ 162L\*DY *(offered Fall, Spring, Summer)* |
| ❑ NREM/TPSS 304\*DP /❑ 304L\* DY *(offered Fall)* |
| ❑ PHYS 151\*DP / ❑ 151L\*DY (Pre: MATH 140 or placement exam) *(offered Fall, Spring, Summer)* |
| **18 upper division credits** in a natural resource area with approval of NREM advisor (including one course that emphasizes analytical, lab, or field research methods):  ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_  ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ |
| ❑ **Social Science Pathway (30 credits)** |
| ❑ Business/Decision-making |
| ❑ Community Resources Management |
| ❑ Quantitative Skills |
| **21 upper division credits** of electives including 9 in a natural resource area with approval of NREM advisor:  ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_  ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_\_  **Business/Decision-Making:** NREM 341, 351, 358, NREM/TPSS/ECON 429; HRM 351, 361, 467, 468; INS 300; MGT 320; RE 300, 310.  **Community Resources Management:** NREM 420; COMG 352; FAMR 352; GEO 414; HRM 353, 354; HWST 458.  **Quantitative Analysis:** NREM 358 or 429 or GEO 413.  **Specialization Electives:** Any upper division DS course. |
| **Notes** |
| CTAHR Academic Advising Office:  Gilmore 1st floor; [ctahradv@hawaii.edu](mailto:ctahradv@hawaii.edu)  Appointments are required to see an advisor; please visit [ctahradv.youcanbook.me/](https://ctahradv.youcanbook.me/) to schedule an appointment.  CTAHR Office of Academic and Student Affairs:  Gilmore 119, (808) 956-8183/(808) 956-6733;  [www.ctahr.hawaii.edu/ugadvising](http://www.ctahr.hawaii.edu/ugadvising) |

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