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| UHM General Education Core Requirements |
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| Foundations |
| * FW ENG 100, 100A, 190, ESL 100, or AMST 111 |
| * FQ\* MATH 140 or NREM 203 |
| * 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 TPSS 200 |
| * DP CHEM 161 |
| * DY CHEM 161L |
| * DS |
| * 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 Alternative |
| * Any four-course combination of language, TPSS, PEPS, or other approved related courses not used to satisfy requirements in the TAE major.   ❑ \_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_ |
|  |
| **Credit Minimums** |
| * 120 total applicable |
| * 30 in residence at UHM |
| * 45 upper division (300+ level) credits |
| **Grade Point Average** |
| * 2.0 cumulative or higher *(Note: Other GPAs may be required)* |
| * Good academic standing |

*This program sheet was prepared to provide information and does not constitute a contract. Meet regularly with your department’s undergraduate advisor to ensure you are on track with your major requirements.*

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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 (TPSS 492/492L) |
| * The Quantitative Reasoning and Natural Sciences requirements are to be completed by the end of the student’s third semester in TPSS |
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| **Credit Minimums** |
| * 120 total applicable |
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| **Major Requirements for BS in Tropical Agriculture and the Environment** |
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| Specialization: Plant Sciences |
| Admission: Open |
| Application: NA |
| Min. major credits: 51 (70 with related requirements) |
| Min. exit GPA: 2.0 in the major |
|  |
| **Requirements** |
| **Tropical Agriculture and the Environment Related Requirements (19 credits)** |
| ❑ BIOL 171\*DB / ❑ 171L\*DY |
| ❑ BIOL 172\*DB / ❑ 172L\*DY |
| ❑ CHEM 161\*DP / ❑ 161L\*DY |
| ❑ CHEM 162\*DP / ❑ 162L\*DY |
| ❑ MATH 140 or NREM 203\*FQ |
|  |
| **Tropical Agriculture and the Environment Core Courses (21 credits)** |
| ❑ TPSS 200/SUST 211 DB |
| ❑ TPSS/NREM 304\*DP/ ❑ 304L\*DY |
| ❑ TPSS 470/❑ 470L\*DY |
| ❑ TPSS/PEPS 499 |
| ❑ BIOL 265\*DB |
| ❑ PEPS 421 |
|  |
| **Tropical Agriculture and the Environment Required Courses (30 credits; see Catalog for prerequisites)** |
| Take 10 courses from the two groups below, including at least 3 from Group A.  **Group A Genetics and Physiology Courses (at least 12 credits)**  ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_  TPSS 371, 440, 453; BIOL 340; MBBE 304, 401    **Group B Supporting Courses**  ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_  ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_\_\_  TPSS 300, 336, 409, 416, 420, 430, 435, 450, 460, 463, 481, 491; BIOL 124/124L, 407; BOT 201/201L,  410/410L, 461; GEO 101; MICR 314; MBBE 402/402L or BIOL 402 or BIOC 341; PEPS 363/363L, 405. |
| *Students who complete ECON 130 Principles of Economics, or an equivalent, BLAW 200 Business Law, TPSS 322, TPSS/NREM 341, and TPSS/NREM 351 will earn a Certificate in Agribusiness Management.* |
| *The Quantitative Reasoning and Natural Sciences requirement are to be completed by the end of the student's third semester in TAE.* |
| **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)  TAE Faculty Advisor: Ken Leonhardt, PhD; St John 19; (808) 956-8909; leonhard@hawaii.edu |

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