



University of Hawai'i at Mānoa
College of Tropical Agriculture and Human Resources Program Sheet 2015-2016
Bachelor of Science (BS) in Tropical Plant and Soil Sciences
Specialization: Genetics and Physiology
Admissions: Open 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 140 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 TPSS 200
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY CHEM 161L
<input type="checkbox"/> DS
<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 Alternative
<ul style="list-style-type: none"> Any four-course combination of language, and/or TPSS courses not used to satisfy course requirements in the TPSS major <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
Credit Minimums
<ul style="list-style-type: none"> 120 total applicable 30 in residence at UHM 45 upper division (300+ level) credits
Grade Point Average
<ul style="list-style-type: none"> 2.0 cumulative or higher (<i>Note: Other GPAs may be required</i>) 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 (TPSS 492)
<input type="checkbox"/> The Symbolic Reasoning and Natural Sciences requirements are to be completed by the end of the student's third semester in TPSS
Credit Minimums
<ul style="list-style-type: none"> 120 total applicable

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.

Major Requirements for BS in Tropical Plant and Soil Sciences

Specialization: Genetics and Physiology

Admission: Open

Application: NA

Min. major credits: 45 (64 with related requirements)

Min. exit GPA: 2.0 in the major

The symbolic reasoning & natural sciences requirement are to be completed by the end of the third semester in TPSS.

Requirements

Tropical Plant and Soil Sciences 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*^{FS}

Tropical Plant and Soil Sciences Core Courses (15 credits)

- TPSS 200^{DB}
- TPSS 304*^{DP/DY}
- TPSS 470 / 470L*^{DY}
- PEPS 421

Tropical Plant and Soil Sciences 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, 351, 409, 416, 420, 435, 450, 460, 463, 481, 491; BIOL 124/124L, 407; BOT 201/201L

Any non-introductory MBBE, NREM, PEPS; ACC, BOT, BUS, CHEM, GEOG, MET/ATMO, or PHYS course, or any other TPSS course with approval of the undergraduate academic advisor.

Students who complete TPSS 341, 351, 429, and BUS 312 will earn a Certificate in Agribusiness Management.

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

TPSS Faculty Advisor: Ken Leonhardt, PhD; St John 19; (808) 956-8909; leonhardt@hawaii.edu