## UHM General Education Core Requirements

**Foundations**
- FW
- FS
- FG (A / B / C)
- FG (A / B / C)

**Diversification**
- DA / DH / DL
- DA / DH / DL
- DB
- DP
- DY
- 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**
- Any four-course combination of language or 2 social sciences courses and 2 biological science courses

**Credit Minimums**
- 124 total applicable
- 30 in residence at UHM

**Grade Point Average**
- 2.0 cumulative or higher
- Good academic standing

## College Requirements

**CTAHKR Required Set of Interrelated Courses**
- NREM 310
- Internship or capstone course (MBBE/PEPS/TPSS 499)

**Credit Minimums**
- 128 total applicable
- 60 non-introductory

## Plant and Environmental Biotechnology Major Requirements

See back for major requirements. Meet regularly with your major advisor.
# Major Requirements for BS in Plant and Environmental Biotechnology

## Specialization: Insect and Pathogen Biotechnology

**Admission:** Open  
**Application:** NA  
**Min. major credits:** 73 (80 with related requirements)  
**Min. exit GPA:** 2.0 in the major

### Requirements

#### Plant and Environmental Technology Related Requirements (7 credits)
- MATH 215*FS or 241*FS  
- NREM 220*DS

#### Plant and Environmental Technology Core Courses (43 credits)
- BIOL 171*DB / 171L*DY  
- BIOL 172*DB / 172L*DY  
- BIOL 275*DB / 275L*DY  
- CHEM 161*DP / 161L*DY  
- CHEM 162*DP / 162L*DY  
- CHEM 272*DP / 272L*DY  
- MBBE 304  
- MBBE 401  
- MBBE 402 / 402L  
- ANSC 446, BIOL 375, or PEPS 371  
- PHYS 100*DP / 100L*DY or 151*DP / 151L*DY and 152*DP / 152L*DY  
- MBBE/PEPS/TPSS 499

#### Insect and Pathogen Biotechnology Required Courses (16 credits)
- MBBE 412  
- PEPS 363  
- PEPS 405  
- PEPS 421  
- PEPS 470

#### Insect and Pathogen Biotechnology Elective Courses (13-14 credits)
13 credits of the following:  
- PEPS 403  
- PEPS 404  
- PEPS 462  
- MBBE/PEPS/TPSS 499 credits beyond 3

### Notes

CTAHR Office of Academic and Student Affairs: Gilmore 210; (808) 956-8183/(808) 956-6733; acadaff@ctahr.hawaii.edu; www.ctahr.hawaii.edu

PEB Program: Gilmore 211; (808) 956-6997  
PEB Undergraduate Advisor: Harry Ako, PhD; AgSci 218; (808) 956-2012; hako@hawaii.edu