## 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
- 101
- 102

### 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

## Degree Requirements

### Bachelor of Science Requirements
- MATH 241*FS
- MATH 242
- MATH 243 or OCN/GG 312
- MATH 244 or ECON 321*DS
- CHEM 161*DP / 161L*DY
- CHEM 162*DP / 162L*DY
- PHYS 170*DP / 170L*DY
- PHYS 272*DP / 272L*DY

- MATH 244 must be taken if MATH 243 is taken.
- OCN/GG 312 must be taken if ECON 312 is taken.

### College Requirements

### Exit Requirements
- Submit the Graduation Worksheet to the Student Academic Services Office at least two semesters preceding the award of the degree.
- Exit interview by SOEST Student Academic Services Office.

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 Global Environmental Science

**Admission:** Open  
**Application:** NA  
**Min. major credits:** 41 (79 with related requirements)  
**Min. C grade (not C-) in all courses**

### Requirements

#### Global Environmental Science Basic Science Required Courses (38 credits)
- BIOL 171*DB / BIOL 171L*DY  
- BIOL 172*DB / BIOL 172L*DY  
- CHEM 161*DP / CHEM 161L*DY  
- CHEM 162*DP / CHEM 162L*DY  
- PHYS 170*DP / PHYS 170L*DY  
- PHYS 272*DP / PHYS 272L*DY  
- MATH 241*FS  
- MATH 242  
- MATH 243 or OCN/GG 312  
- MATH 244 or ECON 321*DS  
  
* MATH 244 must be taken if MATH 243 is taken. OCN/GG 312 must be taken if ECON 321 is taken.

#### Global Environmental Science Core Courses (11 credits)
- GG 101*DP / GG 101L*DY or GG 170*DP/DY  
- MET 200*DP  
- OCN 201*DP / OCN 201L*DY

#### Global Environmental Science Foundation Courses (18 credits)
- GEOG 410 or GEOG 411  
- OCN 100  
- OCN 310 / OCN 310L  
- OCN 320  
- OCN 363  
- OCN 401

#### Global Environmental Coupled Systems Courses (4 approved courses; 12+ credits; see catalog for prerequisites)
- [ ]  
- [ ]  
- [ ]  
- [ ]

*Examples of approved coupled systems courses: BIOC 241; BIOL 265, 301, 360, and 404; BOT 480; ECON 358; 458; and 638; GEOG 300, 401, 402, 405, and 488; GG 301, 309, 420, 421, 425, 455, and 466; MET 302 and 303; MICR 401; NREM 301,301L 302, 304, and 461; OCN 330, 331, 403, 480, 620, 621, 622, 623, 633, and 638; PHIL 315/OCN 315 and PHIL 316; POLS 316; SOC 412; ZOOL 410 and 466*

### Notes

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