## UHM General Education Core Requirements

<table>
<thead>
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<th>Foundations</th>
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<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
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<td>FS MATH 241</td>
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<th>Diversification</th>
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<td>DA / DH / DL</td>
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<td>DP CHEM 161 or 171, or PHYS 170</td>
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<td>DY CHEM 161L or 171L, or PHYS 170L</td>
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* See degree, college and major requirements for courses that can also fulfill these.

## UHM Graduation Requirements

### Focus

- **H**
- **E (300+)** PHYS 485 (recommended)
- **O (300+)**

- **W PHYS 274L**
- **W MATH 311**
- **W PHYS 480L**
- **W (300+) PHYS 305 or 475 or 481L**
- **W (300+) PHYS 305 or 475 or 481L**

### Hawaiian / Second Language

- **101**
- **102**
- **201**
- **202**

### 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

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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. Advising is mandatory every semester for Physics majors.
# Major Requirements for BS in Physics

- **Admission:** Open
- **Application:** NA
- **Min. major credits:** 49-51 in Physics courses (74-76 with related requirements)
- **Min. C grade (not C-)** in all courses

## Requirements

### Physics Related Requirements (25 credits)
- CHEM 161* DP / 161L*DY
- CHEM 162*DP / 162L*DY or 171/171L or 181A/181L
- MATH 241*FS
- MATH 242
- MATH 243
- MATH 244
- MATH 307 or 311
- MATH 251A* FS, 252A and 253A may be substituted for MATH 241-244.
- MATH 215* FS and 216 may be substituted for 241 and 242 with approval from physics advisor.

### Physics Core Courses (40 credits; see catalog for prerequisites)
- PHYS 170*DP / 170L*DY
- PHYS 272*DP / 272L*DY
- PHYS 274*DP / 274L*DY
- PHYS 310
- PHYS 311
- PHYS 350
- PHYS 400
- PHYS 430
- PHYS 450
- PHYS 480 / 480L
- PHYS 481

### Additional Courses (9-11 credits; see catalog for prerequisites)

2 courses from Group 1: PHYS 305, 475, 481L

1 course from Group 2: PHYS 440, 460, 490

## Notes

Student Academic Success Center; Keller 213; (808) 956-5911; cnsadvis@hawaii.edu; www.hawaii.edu/natsci/advising

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Physics Undergraduate Advisors:
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