### UHM General Education Core Requirements

#### Foundations
- FW: ENG 100, 100A, 190, ESL 100, or AMST 111
- FS: MATH 241, 251A
- FG (A/B/C)
- FG (A/B/C)

#### Diversification
- DA / DH / DL
- DA / DH / DL
- DB
- DP: CHEM 161, 162, PHYS 170, 272
- DY: CHEM 161L, 162L, PHYS 170L, 272L
- 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 (300+) CHEM 352L
- W (300+) CHEM 425L, 445L

#### Hawaiian / Second Language
- 101
- 102
- 201
- 202

*Recommended German, French, Russian, or Japanese*

#### Credit Minimums
- 120 total applicable
- 30 in residence at UHM
- 35 major-required lower division/25 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.*
## Major Requirements for BA in Chemistry

**Admission:** Open  
**Application:** NA  
**Min. major credits:** 39-40 (55 with related requirements)  
**Min. C grade (not C-)** in prerequisite CHEM courses. Minimum D grade for all other courses.

### Requirements

#### Chemistry Related Requirements (16 credits)
- CHEM 161* or 161L*  
- CHEM 162* or 162L*  
- MATH 241* or 251A*  
- MATH 242 or 252A

#### Chemistry Core Courses (39-40 credits)
- CHEM 272* or 272L*  
- CHEM 273* or 273L*  
- CHEM 274 or 274L  
- CHEM 351  
- CHEM 352 or 352L  
- MATH 243 or 253A  
- PHYS 170* or 170L*  
- PHYS 272* or 272L*  
- Either CHEM 425 or 425L (offered Fall only) or CHEM 445 or 445L (offered Spring only)

**Recommended language:** German, French, Russian, or Japanese

*Note: Please consult with your Chemistry advisor regarding minimum grade and GPA requirements and projected changes to course offerings.*

### Notes

Student Academic Success Center: Keller 213; (808) 956-5911; cnsadvis@hawaii.edu; www.hawaii.edu/natsci/advising  
Chemistry Department: Bilger 239; (808) 956-7480; chemdept@hawaii.edu; manoa.hawaii.edu/chem  
Registration Inquiries: chemreg@hawaii.edu