# Bachelor of Art (BA) in Chemistry

**Admissions:** Open  
**Process:** Declaration  
**Min. Total Credits:** 120 (94 in core & major + 26 in electives)

## UHM General Education Core Requirements

### Foundations
- **FW** ENG 100, 100A, 190, ESL 100, or AMST 111
- **FS** MATH 241, 242, 251A, or 252A
- **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**
- **W** (300+)
- **W** (300+)

### 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

---

*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**

### Requirements

**Chemistry Related Requirements (16 credits)**
- CHEM 161* / 161L* (C, not C-, or higher to advance)
- CHEM 162* / 162L* (C, not C-, or higher to advance)
- MATH 241* or 251A*  
- MATH 242 or 252A

**Chemistry Core Courses (39-40 credits)**
- CHEM 272* / 272L* (C, not C-, or higher to advance)
- CHEM 273* / 273L*  
- CHEM 351  
- CHEM 352 / 352L  
- MATH 243 or 253A (C, not C-, or higher to advance)  
- PHYS 170* / 170L* (C, not C-, or higher to advance)  
- PHYS 272* / 272L*  
- Either CHEM 425 / 425L (offered Fall only) or CHEM 445 / 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

- Chemistry Department: Bilger 239; (808) 956-7480; chemdept@hawaii.edu; manoa.hawaii.edu/chem  
- Registration Inquiries: chemreg@hawaii.edu