# 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

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* 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

### Credit Minimums

- 120 total applicable
- 30 in residence at UHM
- 60 non-introductory

### Grade Point Average

- 2.0 cumulative or higher *(Note: Other GPAs may be required.)*
- Good academic standing

### Degree Requirements

- *MATH 100, 112, 140, 161, 203, 215, 241, 251A; PHIL 110, 111; BUS 250; ICS 141, 241; NREM 203; or SOCS 150 (Students must still fulfill the General Education FS requirement.)*

### College Requirements

- **A & S Options – Complete at least one option**
  *(Cannot double count with Gen. Ed. Core)*

- **Bachelor of Arts Breadth (3 credit each)**
  - AH
  - LLL
  - NS
  - SS

- **Bachelor of Arts Depth – see list of A & S depts.**

- Minor Certificate
- 2nd A & S Major

### Credit Maximums

- 8 KRS activity
- 9 Directed Reading / Research
- 12 Practicum / Internship

*This requirement does not apply to students entering UHM in Fall 2013 and continuing students who choose the new requirement. Contact your advisor if you have any questions.*

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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 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 274 / 274L  
- CHEM 351  
- 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

Colleges of Arts and Sciences Student Academic Services: QLCSS 113; (808) 956-8755  
Chemistry Department: Bilger 239; (808) 956-7480; chemdept@hawaii.edu; manoa.hawaii.edu/chem  
Chemistry Undergraduate Chair: Kristin Kumashiro, PhD; (808) 956-7480; kumashir@hawaii.edu  
http://www.advising.hawaii.edu/artsci/pages/resources/lib_art_degrees/majorskills/majorskills_chem.asp#CHEM_SCHED