Bachelor of Science (BS) in Chemistry

Admissions: Open    Process: Declaration
Min. Total Credits: 120 (97 in core & major + 23 in electives)

## UHM General Education Core Requirements

### Foundations
- FW ENG 100, 100A, 190, ESL 100, or AMST 111
- FS MATH 241, 251A
- FG (A / B / C)
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### Diversification
- DA / DH / DL
- DA / DH / DL
- DB
- DP CHEM 161, 162, 272, 273
- DY CHEM 161L, 162L, 272L, 273L
- 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

### 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 BS in Chemistry

Admission: Open
Application: NA
Min. major credits: 41 (57 with related requirements)
Min. C grade (not C-) in prerequisite CHEM courses

Requirements

Chemistry Related Requirements (16 credits)

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

Chemistry Core Courses (41 credits in CHEM courses numbered 200 and above)

- CHEM 272* / CHEM 272L* (C, not C-, or higher to advance)
- CHEM 273* / CHEM 273L* (offered Fall only)
- CHEM 274 / CHEM 274L (offered Spring only)
- CHEM 351
- CHEM 352 / CHEM 352L (offered Spring only)
- CHEM 351
- Biochemistry (CHEM 372DB or BIOC 441DB or BIOL/MBBE/PEPS 402DB)
- CHEM 425 / CHEM 425L (offered Fall only)
- CHEM 427 (offered Spring only)
- CHEM 445 / CHEM 445L (offered Spring only)
- MATH 243 or 253A (C, not C-, or higher to advance)
- PHYS 170* / PHYS 170L* (offered Spring only)
- PHYS 272* / PHYS 272L* (C, not C-, or higher to advance)

Min. 3 credits from: CHEM 399, 399L, 601, 602, 622, 641, 642, 643, 651, 652, 653, or 657 (CHEM 399 and 399L may be combined to provide 3 total credits)

Recommended non-major electives: MATH 244 and PHYS 274
Recommended language: German or French

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
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