



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2012-2013
Bachelor of Science (BS) in Chemistry
Admissions: Open Process: Declaration
Min. Total Credits: 120 (105 in core & major + 15 in electives)

UHM General Education Core Requirements

Foundations
<input type="checkbox"/> FW
<input type="checkbox"/> FS
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB
<input type="checkbox"/> DP
<input type="checkbox"/> DY
<input type="checkbox"/> DS
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>

UHM Graduation Requirements

Focus
<input type="checkbox"/> H
<input type="checkbox"/> E (300+)
<input type="checkbox"/> O (300+)
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W (300+)
<input type="checkbox"/> W (300+)
Hawaiian / Second Language
<input type="checkbox"/> 101
<input type="checkbox"/> 102
<input type="checkbox"/> 201
<input type="checkbox"/> 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

Bachelor of Science Requirements
<input type="checkbox"/> MATH 215*FS or 241*FS
<input type="checkbox"/> MATH 216 or 242
<input type="checkbox"/> DB course
<input type="checkbox"/> CHEM 161*DP / <input type="checkbox"/> 161L*DY
<input type="checkbox"/> CHEM 162*DP / <input type="checkbox"/> 162L*DY
<input type="checkbox"/> PHYS 151*DP or 170*DP / <input type="checkbox"/> 151L*DY or 170L*DY
<input type="checkbox"/> PHYS 152*DP or 272*DP / <input type="checkbox"/> 152L*DY or 272L*DY
College Requirements
See degree requirements above.
Credit Maximums
• 8 KRS activity
• 9 Directed Reading / Research
• 12 Practicum / Internship

*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 (69 with related requirements)

Min. C grade (not C-) in courses

Requirements

Chemistry Related Requirements (28-29 credits)

CHEM 161*DP / 161L*DY (C, not C-, or higher to advance)

CHEM 162*DP / 162L*DY (C, not C-, or higher to advance)

MATH 241*FS or 251A*FS

MATH 242 or 252A

MATH 243 or 253A (C, not C-, or higher to advance)

PHYS 170*DP / 170L*DY

PHYS 272*DP / 272L*DY (C, not C-, or higher to advance)

Chemistry Core Courses (22 credits)

CHEM 272*DP / 272L*DY (C, not C-, or higher to advance)

CHEM 273*DP / 273L*DY

CHEM 274 / 274L (offered Spring only)

CHEM 351 (offered Fall only)

CHEM 352 / 352L (offered Spring only)

BS only (19-20 credits; check catalog for prerequisites)

CHEM 372, BIOC 441, or BIOL 402/MBBE 402/PEPS 402

CHEM 422 (offered Spring only)

CHEM 425 / 425L (offered Fall only)

CHEM 445 / 445L (offered Spring only)

Min. 3 credits from the following: CHEM 399, 601, 602, 622, 641, 642, 643, 651, 653, or 657

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Recommended 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

Colleges of Arts and Sciences Student Academic Services: QLCSS 113; (808) 956-8755

Chemistry Department: Bilger 239; (808) 956-7480; office@gold.chem.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