Bachelor of Art (BA) in Biochemistry

**Admissions:** Open  |  **Process:** Declaration

**Min. Total Credits:** 120 (108 in core & major + 12 in electives)

### UHM General Education Core Requirements

#### Foundations
- FW
- FS
- FG (A / B / C)
- FG (A / B / C)

#### Diversification
- DA / DH / DL
- DA / DH / DL
- DB
- DP
- DY
- 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
- 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 Biochemistry

Admission: Open
Application: NA
Min. major credits: 63 (71 with related requirements)
Min. C grade (not C-) in courses

Requirements

Biochemistry Related Requirements (8 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)

Biochemistry Core Courses (53 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 or 352 or 361
- CHEM 372
- BIOL/MBBE/PEPS 402
- BIOL 171*DP / 171L*DY (C, not C-, or higher to advance)
- BIOL 172*DP / 172L*DY (C, not C-, or higher to advance)
- BIOL 275*DP / 275L*DY (C, not C-, or higher to advance)
- MATH 215 or 241 or 251A
- MATH 242 or 252A
- PHYS 170*DP / 170L*DY or 170A
- PHYS 272*DP / 272L*DY or 272A

Biochemistry Electives
10 credits including one laboratory course from the approved list of courses:
- ___________ ___________ ___________ ___________ L

Approved Courses:
- CHEM 351, 352, 352L, 399, 425, 427, 445, 445L, 462
- BIOL 375, 375L, 401, 407, 408, 483
- MBBE 412, 480
- MICR 351, 351L, 431, 431L, 461, 461L, 463, 463L, 475, 475L, 490, 490L
- ZOOL 430, 430L, 442

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; office@gold.chem.hawaii.edu; manoa.hawaii.edu/chem
Biochemistry Major Advisor: Joseph T. Jarrett, PhD; (808) 956-6721; jtj@hawaii.edu
http://www.advising.hawaii.edu/artsci/pages/resources/lib_art_degrees/majorskills/majorskills_chem.asp#/CHEM_SCHED

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