University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2017-2018
Bachelor of Science (BS) in Mathematics
Admissions: Open   Process: Declaration
Min. Total Credits: 120 (108 in core & major + 12 in electives)

UHM General Education Core Requirements

Foundations

- ❑ FW ENG 100, 100A, 190, ESL 100, or AMST 111
- ❑ FS MATH 241 or 251A
- ❑ FG (A / B / C)
- ❑ FG (A / B / C)

Diversification

- ❑ DA / DH / DL
- ❑ DA / DH / DL
- ❑ DB
- ❑ DP PHYS 151 or 170
- ❑ DY PHYS 151L or 170L
- ❑ 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
- 45 upper division (300+ level) credits

Grade Point Average

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

Degree Requirements

Bachelor of Science Requirements

- ❑ Calculus I
- ❑ Calculus II
- ❑ Chemistry I with lab
- ❑ Chemistry II with lab
- ❑ Physics I with lab
- ❑ Physics II with lab

Refer to major requirements for the specific courses that satisfy these requirements.

College Requirements

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 Mathematics
Admission: Open
Application: NA
Min. major credits: BS = 41 (72 with related requirements)
Min. exit GPA: 2.0 GPA in the major
Min. C grade (not C-) in courses

Requirements

Related Requirements (31 credits)

- ❏ MATH 241*[FS] or 251A*[FS]
- ❏ MATH 242 or 252A
- ❏ MATH 243 or 253A
- ❏ MATH 244 or 253A
- ❏ CHEM 161*[DP] / ❏ 161L*[DY]
- ❏ CHEM 162*[DP] / ❏ 162L*[DY]
- ❏ PHYS 170*[DP] / ❏ 170L*[DY]
- ❏ PHYS 272*[DP] / ❏ 272L*[DY]

Mathematics Courses (41 credits; see department for approved courses; see catalog for prerequisites)

Students must demonstrate on understanding of algorithms and logic, as well as precision of thinking. See a Math Advisor for courses that satisfy this requirement. Courses that satisfy this may also be used to satisfy the 39 credits below if they qualify.

24 credits in MATH 300-479 courses:

- ❏ MATH 311 or 307
- ❏ MATH 321   ❏ _____   ❏ _____   ❏ _____
- ❏ MATH 331   ❏ _____   ❏ _____   ❏ _____

15 credits of additional MATH 300-479 or approved non-introductory courses in natural or information sciences:

- ❏ _____   ❏ _____   ❏ _____   ❏ _____
- ❏ _____   ❏ _____   ❏ _____   ❏ _____

The following requirements must be fulfilled in regards to the **39 above credits** (check completed):

- ❏ 6 credit hours in writing-intensive mathematics courses
- ❏ 6 credit hours in courses numbered above 400
- ❏ / ❏ 2 credits in MATH 480 (CR/NC only)

Additional Mathematics Restrictions

Only one of MATH 307 and 311 may be counted toward major requirements.

Mandatory advising each semester prior to registration.

Notes

Student Academic Success Center; Keller 213; (808) 956-8109; cnsadvis@hawaii.edu; www.hawaii.edu/natsci/advising

Mathematics Department: Keller 401-A; (808) 956-4680; office@math.hawaii.edu; www.math.hawaii.edu

Mathematics Undergraduate Advisor: Keller 419 (808) 956-4679

Advising Center for the Colleges of Arts & Humanities and Languages, Linguistics & Literature: QLCSS 113; (808) 956-8755; advising@hawaii.edu

There may be exceptions to the major requirements listed above. rules listed above. Please schedule an advising appointment with Undergraduate Advising personnel, for more detailed information.