# Bachelor of Science (BS) in Mathematics

**Admissions:** Open  
**Process:** Declaration  
**Min. Total Credits:** 120 (96 in core & major + 24 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

---

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 = 39 (50 with related requirements)  
**Min. exit GPA:** 2.0 GPA in the major  
**Min. C grade (not C-)** in courses

### Requirements

#### Related Requirements (27-29 credits)
- MATH 241* or 251A*  
- MATH 242 or 252A  
- MATH 243 or 253A  
- CHEM 161* or 161L*  
- PHYS 151* or 170* or 151L* or 170L*  
- PHYS 152* or 272* or 152L* or 272L*

#### Mathematics Courses (39 credits; see department for approved courses; see catalog for prerequisites)
- MATH 190 or 407; or EE 160; or ICS 111 or 211

**24 credits** in MATH 300+ courses:
- MATH 321  
- MATH 480 (CR/NC only; variable credits)

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

ICS 211 or MATH 407 may be included among the 15 additional credit hours.

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 a sustained two-course sequence (see department for approved sequences)

### Additional Mathematics Restrictions

*Only two of MATH 301, 371, and 373 may be counted toward major requirements.*  
*Only one of MATH 307 and 311 may be counted toward major requirements.*

Mandatory advising each spring semester prior to fall registration. Advising every semester is recommended.

### Notes

Colleges of Arts and Sciences Student Academic Services: QLCSS 113; (808) 956-8755  
Mathematics Department: Keller 401-A; (808) 956-4680; office@math.hawaii.edu; www.math.hawaii.edu  
Mathematics Undergraduate Advisor: Keller 419 (808) 956-4679  
There are some exceptions to the rules listed above. Detailed information is available in the department office and on the department...