

University of Hawai'i at Mānoa Colleges of Arts & Sciences Program Sheet 2014-2015 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
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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
□Н
□ 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

Ba	chelor of Science Requirements
	Calculus I
	Calculus II
	Chemistry I with lab
	Chemistry II with lab
	Physics I with lab
	Physics II with lab
Re	fer to major requirements for the specific courses that
sa	tisfy these requirements.
Co	ollege Requirements
Cı	edit 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 = 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*FS or 251A*FS
□ MATH 242 or 252A
MATH 243 or 253A
□ CHEM 161^{*DP} / □ $161L^{*DY}$ □ CHEM 162^{*DP} / □ $162L^{*DY}$
\square CHEM 162^{*3} / \square $162L^{*3}$ Or 170^{*DP} Or $170L^{*DY}$ or $170L^{*DY}$
□ PHYS 151* or 1/0* / □ 151L* or 1/0L* □ PHYS 152* ^{DP} or 272* ^{DP} / □ 152L* ^{DY} or 272L* ^{DY}
PH1S 132* Of 212* / 132L* Of 212L*
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:
U U U
ICS 211 or MATH 407 may be included among the 15 additional credit hours.
1CS 211 OF MATH 407 may be included among the 13 daditional credit nours.
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