



**University of Hawai'i at Mānoa**  
**Colleges of Arts & Sciences Program Sheet 2012-2013**  
**Bachelor of Arts (BA) in Mathematics**  
**Admissions: Open Process: Declaration**  
**Min. Total Credits: 120 (81 in core & major + 39 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 <i>(Note: Other GPAs may be required.)</i>
• Good academic standing

Degree Requirements
Bachelor of Arts Requirement (Can also fulfill FS)
<input type="checkbox"/> MATH 100, 112, 140, 161, 203, 215, 241, 251A; PHIL 110, 111; BUS 250; ICS 141, 241; NREM 203; or SOCS 150
College Requirements
A & S Options - Complete at least one option
<i>(BA Courses cannot double count with Gen. Ed. Core)</i>
<input type="checkbox"/> Bachelor of Arts Breadth (3 credit each)
<input type="checkbox"/> AH
<input type="checkbox"/> LLL
<input type="checkbox"/> NS
<input type="checkbox"/> SS
<input type="checkbox"/> Bachelor of Arts Depth - see list of A & S depts.
Minor
Certificate
2 <sup>nd</sup> A & S Major
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 BA in Mathematics

Admission: Open

Application: NA

Min. major credits: 21 (32 with related requirements)

Min. exit GPA: 2.0 GPA in the major

Min. C grade (not C-) in courses

### Requirements

#### Mathematics Related Requirements (11-12 credits)

MATH 241\*FS or 251A\*FS

MATH 242 or 252A

MATH 243 or 253A

#### Mathematics Core Courses (see catalog for prerequisites)

##### BA (21 credits)

21 credits in MATH 300+ courses:

MATH 321                       MATH 480 (CR/NC only; variable credits)

\_\_\_\_\_                       \_\_\_\_\_                       \_\_\_\_\_                       \_\_\_\_\_

\_\_\_\_\_                       \_\_\_\_\_                       \_\_\_\_\_                       \_\_\_\_\_

#### BA Requirements Continued

The following requirements must be fulfilled in regards to the **21 credits** (check completed):

3 credit hours in a writing-intensive mathematics course

6 credit hours in a sustained two-course sequence (see department for approved sequences)

6 credit hours in courses numbered above 400

#### 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: Karl Heinz Dovermann, PhD; (808) 956-7811; Keller 419A; [dover@hawaii.edu](mailto:dover@hawaii.edu)

There are some exceptions to the rules listed above. Detailed information is available in the department office and on the department website: [http://www.advising.hawaii.edu/artsci/pages/resources/lib\\_art\\_degrees/majorskills/majorskills\\_math.asp#MATH\\_SCHED](http://www.advising.hawaii.edu/artsci/pages/resources/lib_art_degrees/majorskills/majorskills_math.asp#MATH_SCHED)