Bachelor of Science (BS) in Mathematics
Admissions: Open    Process: Declaration
Min. Total Credits: 120 (98 in core & major + 22 in electives)

UHM General Education Core Requirements

<table>
<thead>
<tr>
<th>Foundations</th>
<th>Bachelor of Science Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
<td>Calculus I</td>
</tr>
<tr>
<td>FS MATH 241 or 251A</td>
<td>Calculus II</td>
</tr>
<tr>
<td>FG (A / B / C)</td>
<td>Chemistry I with lab</td>
</tr>
<tr>
<td>FG (A / B / C)</td>
<td>Chemistry II with lab</td>
</tr>
<tr>
<td>FG (A / B / C)</td>
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</tr>
</tbody>
</table>

Diversification

| DA / DH / DL        | Refer to major requirements for the specific courses that satisfy these requirements. |
| 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

<table>
<thead>
<tr>
<th>Focus</th>
<th>Degree Requirements</th>
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<tbody>
<tr>
<td>H</td>
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<tr>
<td>E (300+)</td>
<td>Calculus I</td>
</tr>
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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

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* 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 spring semester prior to fall registration.

Notes
College of Natural Sciences Advising: Bilger 102; (808) 956-6451
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