



**University of Hawai'i at Mānoa**  
**School of Ocean and Earth Science and Technology Program Sheet 2016-2017**  
**Bachelor of Science (BS) in Geology and Geophysics**  
**Admissions: Open Process: Declaration**  
**Min. Total Credits: 120 (77 in core & major + 23 in electives)**

UHM General Education Core Requirements
<b>Foundations</b>
<input type="checkbox"/> FW ENG 100, 100A, 190, ESL 100, or AMST 111
<input type="checkbox"/> FS MATH 241
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
<b>Diversification</b>
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB BIOL 171, ZOO 101, or MICR 130
<input type="checkbox"/> DP GG 101
<input type="checkbox"/> DY GG 101L
<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
<b>Focus</b>
<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+)
<b>Hawaiian / Second Language</b>
The Hawaiian or Second Language requirement is <b>not</b> required for students admitted to the School of Ocean and Earth Science and Technology.
<b>Credit Minimums</b>
• 120 total applicable
• 30 in residence at UHM
• 45 upper division (300+ level) credits
<b>Grade Point Average</b>
• 2.0 cumulative or higher ( <i>Note: Other GPAs may be required</i> )
• Good academic standing

Degree Requirements
<b>Bachelor of Science Requirements</b>
<input type="checkbox"/> MATH 241* <sup>FS</sup>
<input type="checkbox"/> MATH 242
<input type="checkbox"/> CHEM 161* <sup>DP</sup> / <input type="checkbox"/> 161L* <sup>DY</sup>
<input type="checkbox"/> CHEM 162* <sup>DP</sup> / <input type="checkbox"/> 162L* <sup>DY</sup>
<input type="checkbox"/> PHYS 170* <sup>DP</sup> / <input type="checkbox"/> 170L* <sup>DY</sup>
<input type="checkbox"/> PHYS 272* <sup>DP</sup> / <input type="checkbox"/> 272L* <sup>DY</sup>
<b>College Requirements</b>
<b>Exit Requirements</b>
<ul style="list-style-type: none"> <li>• Submit the Graduation Worksheet to the SOEST Student Academic Services Office at least two semesters preceding the award of the degree.</li> <li>• Exit interview by SOEST Student Academic Services Office.</li> </ul>

*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 Geology and Geophysics

Admission: Open

Application: NA

Min. major credits: 48 (76-77 with related requirements)

Min. C grade (not C-) in all courses

### Requirements

#### Geology Related Requirements (28-29 credits)

BIOL 171\*<sup>DB</sup>, ZOOL 101\*<sup>DB</sup>, or MICR 130\*<sup>DB</sup>

CHEM 161\*<sup>DP</sup> /  161L\*<sup>DY</sup>

CHEM 162\*<sup>DP</sup> /  162L\*<sup>DY</sup>

PHYS 170\*<sup>DP</sup> /  170L\*<sup>DY</sup>

PHYS 272\*<sup>DP</sup> /  272L\*<sup>DY</sup>

MATH 241\*<sup>FS</sup>

MATH 242

OEST 100

#### Geology Core Courses (37 credits)

GG 170\*<sup>DP/DY</sup>, GG 101\*<sup>DP</sup>/101L\*<sup>DY</sup>, or GG 103\*<sup>DP</sup>

GG 200

GG 250

GG 301

GG 302

GG 303

GG 304 or 450

GG 305

GG 309

GG 325

GG 410

#### Geology Upper Division Science Electives (11 credits)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

List of approved upper division science electives: GG 300, 304, 312, 325, 395, 399, 402, 406, 407, 413, 420, 421, 423, 425, 444, 450, 451, 454, 455, 460, 461, 466, 499

### Notes

School of Ocean and Earth Science and Technology: Student Academic Services, HIG 135; (808) 956-8763; [www.soest.hawaii.edu](http://www.soest.hawaii.edu)

Department of Geology and Geophysics: POST 701; (808) 956-7640; [ggdept@soest.hawaii.edu](mailto:ggdept@soest.hawaii.edu);

[www.soest.hawaii.edu/asp/GG/index.asp](http://www.soest.hawaii.edu/asp/GG/index.asp)

GG Chair: Ken Rubin, PhD; POST 701; (808) 956-8973; [krubin@hawaii.edu](mailto:krubin@hawaii.edu)