



**University of Hawai'i at Mānoa**  
**School of Ocean and Earth Science and Technology Program Sheet 2016-2017**  
**Bachelor of Science (BS) in Atmospheric Sciences**  
**Admissions: Open Process: Declaration**  
**Min. Total Credits: 120 (94 in core & major + 26 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
<input type="checkbox"/> DP CHEM 161, PHYS 170
<input type="checkbox"/> DY CHEM 161L, PHYS 170L
<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"/> MATH 243
<input type="checkbox"/> MATH 244
<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"/> 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 Atmospheric Sciences

Admission: Open

Application: NA

Min. major credits: 67

### Requirements

#### Atmospheric Sciences Related Requirements (30 credits)

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

CHEM 162\*<sup>DP</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

MATH 243

MATH 244

OEST 100

#### Meteorology/Atmospheric Sciences Core Courses (22 credits)

ATMO 101L

ATMO 200

ATMO 302

ATMO 303

ATMO 305

ATMO 320 or ICS 111

ATMO 402

ATMO 412 or 416

#### Meteorology/Atmospheric Sciences Additional Physical and Mathematical Science Courses (15 credits)

300+

300+

300+

300+

300+

*List of approved additional physical and mathematical science courses includes but is not limited to: ATMO 310, 405, 406, and 600; ATMO 412 or 416; CEE 424 and 626; GEOG 300, 303 and 402; GG 455; ICS 211, 311, and 442; MATH 311, 371, 373, 402, 403, and 405; OCN 620; PHYS 274/274L and 400. Consult with the undergraduate advisor for details.*

### 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 Atmospheric Sciences: HIG 350; [metdept@hawaii.edu](mailto:metdept@hawaii.edu); [www.soest.hawaii.edu/MET](http://www.soest.hawaii.edu/MET)  
Atmospheric Sciences Undergraduate Advisor: Leona Anthony; HIG 135; (808) 956-8763; [leonaa@hawaii.edu](mailto:leonaa@hawaii.edu)