



University of Hawai'i at Mānoa
College of Education Program Sheet 2012-2013
Bachelor of Education (BEd) in Secondary Education
Specialization: Earth and Space Science
Admissions: Selective Process: Application
Min. Total Credits: 120 (101 in core & major + 19 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
<ul style="list-style-type: none"> The Hawaiian or Second Language requirement is not required for students admitted to the College of Education.
Credit Minimums
<ul style="list-style-type: none"> 120 total applicable 30 in residence at UHM 45 upper division (300+ level) credits
Grade Point Average
<ul style="list-style-type: none"> 2.0 cumulative or higher (<i>Note: Other GPAs may be required</i>) To graduate from COE, students must meet the college's higher GPA requirement(s). Good academic standing

College Requirements
Licensure Track Admission Requirements
<ul style="list-style-type: none"> Fall and Spring admission. Submit an application no later than the following: <ul style="list-style-type: none"> March 1 for fall semester (Feb 1 priority deadline) September 1 for spring semester (Aug 1 priority deadline) 2.50 cumulative GPA in all post-secondary institutions 2.50 cumulative GPA in academic major 55 credits Completion of all UHM General Education Core and any additional Pre-Admissions Requirements. Applicants who have completed an articulated A.A. degree from a UH Community College are considered to have met the UHM General Education Core Requirements with possible exceptions (see an academic advisor). PRAXIS I (PPST/C-PPST): Minimal state passing scores in reading, writing, and mathematics subtests. 40 hours of documented current group leadership involvement with secondary-aged youth. Personal admissions interview. Note: PRAXIS II Content Knowledge Test(s): must be passed with minimal State passing score(s) in subject area(s) to qualify for Student Teaching Residency.
Pre-Licensure Track Requirements (15 credits)
<input type="checkbox"/> BIOL 171*DB / <input type="checkbox"/> 171L*DY
<input type="checkbox"/> CHEM 151*DP / <input type="checkbox"/> 151L*DY
<input type="checkbox"/> PHYS 151*DP / <input type="checkbox"/> 151L*DY
<input type="checkbox"/> MATH 215*FS, 241*FS, or NREM 203*FS
Required Graduation Grade Point Averages
<ul style="list-style-type: none"> 2.50 cumulative GPA or higher 2.50 GPA or higher in the major

This program sheet was prepared to provide information and does not constitute a contract. Meet regularly with your department's undergraduate advisor to ensure you are on track with your major requirements.

Major Requirements for BEd in Secondary Education

Specialization: Earth & Space Science

Admission to Licensure Track: Complete all General Education and Pre-Licensure requirements

Application: Deadline = March 1 for Fall entrance; September 1 for Spring entrance

Min. major credits: 76 (89 with related requirements)

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

Requirements

Professional Education Core Courses (33 credits)

Required Courses	<input type="checkbox"/> EDEF 310*DS	<input type="checkbox"/> EDEP 311*DS	<input type="checkbox"/> ITE 401	<input type="checkbox"/> ITE 402
	<input type="checkbox"/> ITE 404H	<input type="checkbox"/> ITE 405H	<input type="checkbox"/> ITE 406H	<input type="checkbox"/> ITE 440
	<input type="checkbox"/> SPED 445			

ITE 402 & 404H: concurrent registration required and courses are only offered in the Fall. ITE 405H & 405H: concurrent registration required; students must pass the PRAXIS Subject Assessment Content Knowledge Test(s) and submit official documentation of their scores before the start of their Student Teaching Residency (ITE 405H & 406H) semester.

Earth & Space Science Academic Major and Related Courses in Teaching Field (43-47 credits)

Earth & Space Science Academic Major Science Core Courses (22 credits)

Completion of 50% of the coursework in the academic major is highly recommended prior to admissions to the Licensure Track.

Biology Foundation BIOL 172 / BIOL 172L or higher

Chemistry Foundation CHEM 152/ CHEM 152L

Earth Science Foundation **7 credits** (must include one lab) of the following:
 ASTR 110 or ASTR 240 GG 101/101L or GG 103 or GG 104
 MET 101/101L OCN 201/201L GG 102 GG 105
 GG 106 GG 130 GG 170 GEOG 326 OEST 101

Physics Foundation PHYS 152/ PHYS 152L or higher

History/Philosophy of Science Foundation **3 credits** from the following: _____
HIST 394*DH, 395*DH, 436, 439; PHIL 308*DH, 316*DH; or PHIL/OCN 315*DH

Earth & Space Science Teaching Field Core (TFC) Courses (15-19 credits)

Additional Earth Science Foundation Course **One** more Earth Science Foundation course from the list above _____

Focus Area (choose one) **Two** courses from one area of focus: _____ _____
 Astronomy (ASTR) *List of courses in approved focus areas:*
 Geology (GG) ASTR 280, 281 GG 200, 301, 302, 303, 308, 309
 Meteorology (MET) MET 200, 302, 303, 310 OCN 310, 320, 331, 330
 Oceanography (OCN)

Earth & Space Science Academic Major Additional Courses (6 credits minimum)

Earth & Space Science Elective Courses **Two** courses of approved earth & space science elective courses from the Earth Science TFC above or from courses listed below:
GG 300, 304, 325, 421, 444, 455, 460, 466; EDCS 433 or 450 (*must have earth & space science specific content*) _____ _____

Computer Science ICS 101 or ETEC 442

Notes

College of Education, Office of Student Academic Services: Everly 126; (808) 956-7915; osas@hawaii.edu; coe.hawaii.edu
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