



University of Hawai'i at Mānoa
College of Education Program Sheet 2013-2014
Bachelor of Education (BEd) in Secondary Education
Specialization: General 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.
Pre-Licensure Track Requirements (15 credits)
<input type="checkbox"/> BIOL 171* ^{DB} / <input type="checkbox"/> 171L* ^{DY}
<input type="checkbox"/> CHEM 161* ^{DP} / <input type="checkbox"/> 161L* ^{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: General 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: 70 (85 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
<i>ITE 402 & 404H: concurrent registration required and courses are only offered in the Fall. ITE 405H & 406H: concurrent registration required. PRAXIS II Content Knowledge Test(s) must be passed with minimal State passing score(s) in subject area(s) in order to submit a Student Teaching Application.</i>	
General Science Academic Major and Related Courses in Teaching Field (37 credits)	
General Science Academic Major Science Core Courses (22 credits)	
<i>Completion of 50% of the coursework in the academic major is highly recommended prior to admissions to the Licensure Track.</i>	
Biology Foundation	<input type="checkbox"/> BIOL 172 / <input type="checkbox"/> BIOL 172L or higher
Chemistry Foundation	<input type="checkbox"/> CHEM 162 or 171/ <input type="checkbox"/> CHEM 162L or 171L
Earth Science Foundation	7 credits (must include one lab) of the following: <input type="checkbox"/> ASTR 110 or ASTR 240 <input type="checkbox"/> GG 101/101L or GG 103 or GG 104 <input type="checkbox"/> OCN 201/201L <input type="checkbox"/> MET 101/101L <input type="checkbox"/> GG 102 <input type="checkbox"/> GG 105 <input type="checkbox"/> GG 106 <input type="checkbox"/> GG 130 <input type="checkbox"/> GG 170 <input type="checkbox"/> GEOG 426 <input type="checkbox"/> OEST 101
Physics Foundation	<input type="checkbox"/> PHYS 152/ <input type="checkbox"/> PHYS 152L
History/Philosophy of Science Foundation	3 credits from the following: <input type="checkbox"/> _____ ^{DH} HIST 394* ^{DH} , 395* ^{DH} , 436, 439; PHIL 308* ^{DH} , 316* ^{DH} ; or PHIL/OCN 315* ^{DH}
General Science Teaching Field Core Courses (15 credits minimum distributed among the Biological Science and Physical Science areas listed below):	
Biological Science and related Interdisciplinary Sciences	<i>List of approved courses (6 credits minimum):</i> <input type="checkbox"/> ANTH 310 <input type="checkbox"/> ANTH 323 <input type="checkbox"/> BIOL 310 <input type="checkbox"/> BIOL 320 <input type="checkbox"/> BIOL 340 <input type="checkbox"/> BIOL 360 <input type="checkbox"/> BIOL 410 <input type="checkbox"/> BIOL 490 <input type="checkbox"/> BOT 201/ 201L <input type="checkbox"/> BOT/ZOOL 450 <input type="checkbox"/> BOT 350 <input type="checkbox"/> FSHN 185 <input type="checkbox"/> FSHN 181/181L <input type="checkbox"/> HWST/BOT 457 <input type="checkbox"/> HWST/BOT 458 <input type="checkbox"/> HWST 459 <input type="checkbox"/> HWST 460 <input type="checkbox"/> MICR 130 <input type="checkbox"/> MICR 140 <input type="checkbox"/> OCN 331 <input type="checkbox"/> ZOOL 200/200L
Physical Science and related Interdisciplinary Sciences	<i>List of approved courses (6 credits minimum):</i> <input type="checkbox"/> ASTR 380 <input type="checkbox"/> EDCS 433 <input type="checkbox"/> OEST/MET/GG 310 <input type="checkbox"/> GEOG 365 <input type="checkbox"/> GEOG 366 <input type="checkbox"/> GEOG 368 <input type="checkbox"/> GEOG 410
Computer Science	<input type="checkbox"/> ICS 101B or 101T or <input type="checkbox"/> ETEC 442
<i>Dual Preparation in Hawaiian Language Immersion is available. Contact puuhonua@hawaii.edu for more information.</i>	
Notes	
College of Education, Office of Student Academic Services: Everly 126; (808) 956-7915; osas@hawaii.edu; coe.hawaii.edu Education Faculty Advisors: Denise Abara; Everly 126; (808) 956-5192; dabara@hawaii.edu Tom Benjamin; Lauima 217 at UH Ctr-Maui CC; (808) 984-3526; tbenjami@hawaii.edu Pohai Kukea Shultz; Everly 126; (808) 956-2526; pohai@hawaii.edu Niki Libarios; Everly 126; (808) 956-4268; nlibario@hawaii.edu Denise Nakaoka; Everly 126; (808) 956-4274; nakaoka@hawaii.edu Siobhán Ní Dhonacha; Everly 126; (808) 956-6695; dhonacha@hawaii.edu Karen Wilson; B3 at UH Ctr-West Hawai'i; (808) 322-1549; wilsonkl@hawaii.edu Director: Melvin Spencer; Everly 126; (808) 956-4269; melvins@hawaii.edu Pu'uhonua: Hale for Native Hawaiian Student Support, puuhonua@hawaii.edu Puahia: First Year & Transfer Student Support, puahia@hawaii.edu Tinalak: Filipino Student Support, tinalak@hawaii.edu	