University of Hawai‘i at Mānoa  
College of Education Program Sheet 2016-2017  
Bachelor of Education (BEd) in Secondary Education  
Specialization: Biology  
Admissions: Selective  Process: Application  
Min. Total Credits: 120 (109 in core & major + 11 in electives)

UHM General Education Core Requirements

**Foundations**
- FW ENGL 100, 100A, 190, ESL 100, or AMST 111
- FS MATH 215 or 241
- FG (A/B/C)
- FG (A/B/C)

**Diversification**
- DH HIST 394, 395, 436, 439; PHIL 308 or 316
- DA/DL
- DB BIOL 171
- DP CHEM 161, PHYS 151
- DY BIOL 171L, PHYS 151L, CHEM 161L
- DS EDEP 311
- DS EDEF 310

* See degree, college and major requirements for courses that can also fulfill these.

UHM Graduation Requirements

**Focus**
- H
- E (300+)
- O (300+)
- W
- W
- W (300+)
- W (300+)

**Hawaiian / Second Language**
- The Hawaiian or Second Language requirement is **not** required for students admitted to the College of Education.

**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)
- To graduate from COE, students must meet the college’s higher GPA requirement(s).
- Good academic standing

College Requirements

**Licensure Track Admission Requirements**
- Fall and Spring admission.
- Submit an application no later than the following:
  - *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 Licensure Track Prerequisites.
- 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).
- Official minimum state passing scores on the basic skills licensure test(s) as approved by the College of Education (COE) and aligned with the Hawaii Teacher Standards Board (HTSB) policy. Note that HTSB and COE requirements may differ. Please see a COE OSAS advisor for the latest information.
- 40 hours of documented current group leadership involved with secondary-aged youth.
- Personal admissions interview.

**Licensure Track Prerequisites**
- BIOL 171*DB/171L*DY
- CHEM 161*DP/161L*DY
- PHYS 151*DP/151L*DY
- MATH 215*FS or 241*FS

**Required Graduation Grade Point Averages**
- 2.50 cumulative GPA or higher
- 2.50 GPA or higher in the major

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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: Biology

Admission to Licensure Track: Complete all General Education and Licensure Track prerequisites.

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

Min. major credits: 80 (95 with related requirements)

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

Requirements

Professional Education Core Courses (33 credits)

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<tr>
<th>Required Courses</th>
<th>EDEF 310*OS</th>
<th>EDEF 311*OS</th>
<th>ITE 401</th>
<th>ITE 402</th>
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<tbody>
<tr>
<td>EDEP 311*OS</td>
<td>ITE 404H</td>
<td>ITE 405H</td>
<td>ITE 406H</td>
<td>ITE 440</td>
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<td>SPED 445</td>
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ITE 402 and 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.

Biology Academic Major and Related Courses in Teaching Field (48-50 credits)

Biology Academic Major Science Core Courses (22-23 credits)

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

Biology Foundation

Chemistry Foundation

Earth Science Foundation

Physics Foundation

History/Philosophy of Science Foundation

3 credits from the following:

HIST 394*DH, 395*DH, 436*DH, 439*DH; PHIL 308*DH, 316*DH; or PHIL/OCN 315

Biology Teaching Field Core Courses (18 credits)

Organic Chemistry

General Ecology

Cellular/Molecular Biology

Genetics

Biology Academic Major Additional Courses (5 credits)

Biology Elective Courses

5 credits of approved biology elective courses:


Computer Science Requirement (3-4 credits)

Computer Science Courses

ICS 101B or 101T or LTEC 442

Notes

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

Education Faculty Advisors:

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Puahia: First Year & Transfer Student Support, puahia@hawaii.edu

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