University of Hawai‘i at Mānoa  
College of Education Program Sheet 2015-2016  
Bachelor of Education (BEd) in Secondary Education  
Specialization: Physical Science  
Admissions: Selective  Process: Application  
Min. Total Credits: 120 (94 in core & major + 26 in electives)

### UHM General Education Core Requirements

<table>
<thead>
<tr>
<th>Foundations</th>
<th>Diversification</th>
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<tbody>
<tr>
<td>❑ FW  ENG 100, 100A, 190, or ESL 100</td>
<td>❑ DH  HIST 394, 395, PHIL 308, 315, or 316</td>
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<tr>
<td>❑ FS  MATH 215, 241, or NREM 203</td>
<td>❑ DA / DL  BIOL 171</td>
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<tr>
<td>❑ FG (A / B / C)</td>
<td>❑ DB  BIOL 171L, CHEM 161L, PHYS 151L</td>
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<tr>
<td>❑ FG (A / B / C)</td>
<td>❑ DS  EDEF 310</td>
</tr>
<tr>
<td>❑ FG (A / B / C)</td>
<td>❑ DS  EDEP 311</td>
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</table>

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

### UHM Graduation Requirements

<table>
<thead>
<tr>
<th>Focus</th>
<th>Hawaiian / Second Language</th>
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<tbody>
<tr>
<td>❑ H</td>
<td>❑ The Hawaiian or Second Language requirement is not required for students admitted to the College of Education.</td>
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<tr>
<td>❑ E (300+)</td>
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<td>❑ O (300+)</td>
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<td>❑ W</td>
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### 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, must meet the college’s higher GPA requirement(s).
- Good academic standing

### 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 involvement with secondary-aged youth.
- Personal admissions interview.

### Licensure Track Prerequisites

- ❑ BIOL 171*DB  ❑ 171L*DY  
- ❑ CHEM 161*DB  ❑ 161L*DY  
- ❑ PHYS 151*DB  ❑ 151L*DY  
- ❑ MATH 215*FA, 241*FA, or NREM 203*FA

### 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: Physical Science**

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: 66-69 (81-84 with related requirements)

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

### Requirements

#### Professional Education Core Courses (33 credits)

**Required Courses**
- EDEF 310**DS**
- EDEP 311**DS**
- ITE 401
- ITE 402
- ITE 404
- ITE 405
- ITE 406
- ITE 440
- SPED 445

*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.*

#### Physical Science Academic Major and Related Courses in Teaching Field (33-36 credits)

**Physical Science Academic Major Science Core Courses (22-23 credits)**

- **Biology Foundation**
  - BIOI 172/172L or higher

- **Chemistry Foundation**
  - CHEM 162 or 171/162L or 171L

- **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
    - OCN 201/201L
    - MET 101/101L
    - GG 106
    - GG 130
    - GG 170
    - GEOG 326
    - OEST 101

- **Physics Foundation**
  - PHYS 152/152L or higher

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

- **Physical Science Teaching Field Core Courses (8-9 credits)**
  - ORG 272
  - PHYS 274/274L, 399, EDCS 433, BIOL/GEOG 410; Earth Science interdisciplinary physical sciences or NREM course such as NREM 310

- **Computer Science Requirement (3-4 credits)**
  - ICS 101B or 101T or LTEC 442

#### Computer Science Courses
- ICS 101B or 101T or LTEC 442

*Dual Preparation in Hawaiian Language Immersion is available. Contact puuhonua@hawaii.edu for more information.*

### 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; Laulima 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 Nakao; Everly 126; (808) 956-4274; nakaoka@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

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