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**

<table>
<thead>
<tr>
<th>Foundations</th>
<th>FS MATH 215, 241, or NREM 203</th>
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<tbody>
<tr>
<td></td>
<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
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<tr>
<td></td>
<td>FG (A / B / C)</td>
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<td>FG (A / B / C)</td>
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<tr>
<th>Diversification</th>
<th>DH HIST 394, 395, PHIL 308, 315, 316</th>
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<tr>
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<td>DA / DL BART 100, 100A, 225, 226</td>
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<td></td>
<td>DB BIOL 171, 171L</td>
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<td>DP CHEM 161, PHYS 151</td>
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<td></td>
<td>DY BIOL 171L, CHEM 161L, PHYS 151L</td>
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<td>DS EDEF 310, 311</td>
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</table>

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

**Licensure Track Prerequisites**

- BIOL 171*DB / 171L*DY
- CHEM 161*aDP / 161L*aDY
- PHYS 151*aDP / 151L*aDY
- MATH 215*aPS, 241*aPS, or NREM 203*aPS

**Required Graduation Grade Point Averages**

- 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 Licensure Track prerequisites

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)

<table>
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<tr>
<th>Required Courses</th>
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<tr>
<td>EDEF 310*DS</td>
<td>EDEF 311*DS</td>
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<tr>
<td>ITE 404H</td>
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<td>ITE 405H</td>
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<td>ITE 406H</td>
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<td>ITE 440</td>
<td>ITE 440</td>
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<td>SPED 445</td>
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**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.

#### General Science Academic Major and Related Courses in Teaching Field (40 credits)

**General Science Academic Major Science Core Courses (22 credits)**

**Biology Foundation**

- BIOL 172 / BIOL 172L or higher

**Chemistry Foundation**

- CHEM 162 or 171/ CHEM 162L or 171L

**Earth Science Foundation**

- 7 credits (must include one lab) of the following:
  - ASTR 110 or ASTR 210
  - ATMO 101/101L
  - GG 106
  - GEOG 426
  - PHY 101/101L
  - GG 201/201L
  - OEST 101

**Physics Foundation**

- PHYS 152 / PHYS 152L

**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

**General Science Teaching Field Core (TFC) Courses (12 credits minimum distributed among the Biological Science and Physical Science areas listed below, plus additional 3 credits minimum selected from Biological Science or Physical Science areas listed below)**

**Biological Science and related Interdisciplinary Sciences**

- List of approved courses (6 credits minimum):
  - ANTH 310
  - ANTH 323
  - BIOL 310
  - BIOL 320
  - BIOL 340
  - BIOL 360
  - BIOL 410
  - BIOL 490
  - BOT 201/201L
  - BOT/ZOOL 450
  - BOT 350
  - FSHN 181/181L
  - HWST/BOT 457
  - HWST/BOT 458
  - HWST 459
  - HWST 460
  - MICR 130
  - OCN 331
  - ZOOL 200/200L

**Physical Science and related Interdisciplinary Sciences**

- List of approved courses (6 credits minimum):
  - ASTR 380
  - ATMO/OCN 310
  - EDCS 433
  - GEOG 365
  - GEOG 366
  - GEOG 368
  - GEOG 410

#### Computer Science Requirement (3-4 credits)

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<tr>
<th>Computer Science Courses</th>
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<tr>
<td>ICS 101B or 101T</td>
<td>LTEC 442</td>
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### Notes

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

Education Faculty Advisors:
- Denise Abara; Everyl 126; (808) 956-5192; dabara@hawaii.edu
- Laurie Akana; Everyl 126; (808) 956-6695; akanalk@hawaii.edu
- Reid Kuioka; Everyl 126; (808) 956-5371; rkuikoa@hawaii.edu
- Niki Libarios; Everyl 126; (808) 956-4268; nliborio@hawaii.edu
- Denise Nakaoka; Everyl 126; (808) 956-4274; nakaoka@hawaii.edu
- Karen Wilson; UH Ctr-Pālamanu; (808) 209-8031; (808) 984-3526; wilsonkl@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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Rev. KR 2/16