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>
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<tbody>
<tr>
<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
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<tr>
<td>FS MATH 215, 241, or NREM 203</td>
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<tr>
<td>FG (A / B / C)</td>
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<td>FG (A / B / C)</td>
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<table>
<thead>
<tr>
<th>Diversification</th>
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<tbody>
<tr>
<td>DH HIST 394, 395, PHIL 308, 315, 316</td>
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<tr>
<td>DA / DL</td>
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<tr>
<td>DB BIOL 171</td>
<td></td>
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<tr>
<td>DP CHEM 161, PHYS 151</td>
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<tr>
<td>DY BIOL 171L, CHEM 161L, PHYS 151L</td>
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<tr>
<td>DS EDEF 310</td>
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<td>DS EDEP 311</td>
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* See degree, college and major requirements for courses that can also fulfill these.

UHM Graduation Requirements

Focus
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<th>Focus</th>
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<td>E (300+)</td>
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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
- Spring admission.
- Submit an application no later than the following:
  - October 1 for spring semester (Sept 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).
- 40 hours of documented current group leadership involvement with secondary-aged youth.
- Personal admissions interview.

Licensure Track Prerequisites
<table>
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<tr>
<th>Prerequisite</th>
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<tr>
<td>BIOL 171*</td>
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<tr>
<td>CHEM 161*</td>
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<tr>
<td>PHYS 151*</td>
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<td>MATH 215*</td>
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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 = October 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*</td>
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<tr>
<td>[ ] ITE 404H</td>
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<tr>
<td>[ ] ITE 406H</td>
</tr>
<tr>
<td>[ ] ITE 402</td>
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<tr>
<td>[ ] ITE 440</td>
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<tr>
<td>[ ] SPED 445</td>
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</table>

**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)**

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

#### Biology Foundation

- [ ] CHEM 162 or 171/ [ ] CHEM 162L or 171L

#### Chemistry Foundation

- 7 credits (must include one lab) of the following:
  - [ ] ASTR 110 or ASTR 210
  - [ ] GG 101/101L or [ ] GG 103 or [ ] GG 104
  - [ ] ATMO 101/101L
  - [ ] GG 102
  - [ ] GG 130
  - [ ] GG 105
  - [ ] GG 106
  - [ ] GEOG 426
  - [ ] OCN 201/201L
  - [ ] OEST 101

#### Earth Science Foundation

- [ ] BIOL 172 / [ ] BIOL 172L or higher

#### 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 330
  - [ ] 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
  - [ ] EDCS 433
  - [ ] ATMO/OCN 310
  - [ ] ATMO/OCN 315
  - [ ] GEOG 365
  - [ ] GEOG 366
  - [ ] GEOG 368
  - [ ] GEOG 410

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

- Computer Science Courses
  - [ ] ICS 101 or [ ] LTEC 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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- Alyssa Kapaona; Everly 126; (808) 956-4269; akapaona@hawaii.edu
- Reid Kuioka; Everly 126; (808) 956-5371; rkuioka@hawaii.edu
- Karen Wilson; UH Ctr-Pālamanui; (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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