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| UHM General Education Core Requirements |
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| Foundations |
| * FW ENG 100, 100A, 190, ESL 100, or AMST 111 |
| * FQ\* MATH 215, 241, or NREM 203 |
| * FG (A / B / C) |
| * FG (A / B / C) |
| *\*Note: This requirement changed in Fall 2018. If you entered the UH System prior to that, please see your college/school advisor.* |
| Diversification |
| * DA / DH / DL |
| * DA / DH / DL |
| * DB BIOL 171 |
| * DP CHEM 161, PHYS 151 |
| * DY BIOL 171L, CHEM 161L, PHYS 151L |
| * DS EDEF 310 |
| * DS EDEP 311 |
| *\* 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 |
| * W (300+) |
| * W (300+) |
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| Hawaiian / Second Language |
| * The Hawaiian or Second Language requirement is **not** required for students admitted to the College of Education. |
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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, students must meet the college’s higher GPA requirement(s). |
| * Good academic standing |

*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.*

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| College Requirements |
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| 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. |
| * Completion of academic major courses |
|  |
| **Licensure Track Prerequisites** |
| * BIOL 171\*DB / ❑ 171L\*DY |
| * CHEM 161\*DP or 171\*DP / ❑ 161L\*DY or 171L\*DY |
| * PHYS 151\*DP / ❑ 151L\*DY |
| * MATH 215\*FQ, 241\*FQ, or NREM 203\*FQ |
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| **Required Graduation Grade Point Averages** |
| * 2.50 cumulative GPA or higher |
| * 2.50 GPA or higher in the major |

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| **Major Requirements for BEd in Secondary Education** | | | | | |
| Specialization: Earth & Space Science | | | | | |
| Admission to Licensure Track: Complete all General Education, Licensure Track prerequisites, and academic major courses. | | | | | |
| Application: Deadline = October 1 for Spring entrance | | | | | |
| Min. major credits: 76-82 (92-98 with related requirements) | | | | | |
| Min. C grade (not C-) in Education courses | | | | | |
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| **Requirements** | | | | | |
| **Professional Education Core Courses (36 credits)** | | | | | |
| **Required Courses** | | | | ❑ EDEF 310\*DS ❑ EDEP 311\*DS ❑ ITE 401 ❑ ITE 402H  ❑ ITE 402N ❑ ITE 404H ❑ ITE 405H ❑ ITE 406  ❑ ITE 440 ❑ SPED 445 | |
| *ITE 402H & 404H: concurrent registration required and courses are only offered in the Fall. ITE 405H & 406: concurrent registration required. Demonstrate content knowledge in subject area(s) in order to submit a Student Teaching Application.* | | | | |
| **Earth & Space Science Academic Major and Related Courses in Teaching Field (40-46 credits)** | | | | | |
| **Earth & Space Science Academic Major Science Core Courses (22 credits)** | | | | | |
| **Biology Foundation** | | | ❑ BIOL 172 /❑ BIOL 172L or higher | | |
| **Chemistry Foundation** | | | ❑ CHEM 162/❑ CHEM 162L | | |
| **Earth Science Foundation** | | | **7 credits** of the following (must include one lab):  ❑ ASTR 110**or** ASTR 210 ❑ ERTH 101/101L **or** ERTH 103 **or**  ERTH 104  ❑ ATMO 101/101L ❑ OCN 201/201L ❑ ERTH 102  ❑ ERTH 105 ❑ ERTH 106 ❑ ERTH 130  ❑ ERTH 170 ❑ GEO 426 ❑ OEST 101 | | |
| **Physics Foundation** | | | ❑ PHYS 152/❑ PHYS 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; or PHIL/OCN 315\*DH | | |
| **Earth & Space Science Teaching Field Core (TFC) Courses (15-20 credits)** | | | | | |
| **Additional Earth Science Foundation Course** | | | **One** more Earth Science Foundation course from the list above ❑ \_\_\_\_\_\_\_ | | |
| **Focus Area** (choose one)  ❑ Astronomy (ASTR)  ❑ Geology(GG/ERTH)  ❑ Meteorology(MET)  ❑ Oceanography(OCN) | | | **Two** courses from one area of focus: ❑ \_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_  *List of courses in approved focus areas:*  ASTR 280, 281 ERTH 200, 301, 302, 303, 309  ATMO 200, 302, 303, 310 OCN 310, 320, 331, 330 | | |
| **Earth & Space Science Academic Major Additional Courses** | | | | | |
| **Earth & Space Science Elective Courses** | | | **Two** courses (6 credits minimum) of approved Earth Science TFC above or from: ERTH 300, 304, 325, 421, 444, 455, 460, 466; EDCS 433 or 450 *(must have earth & space science specific content)* ❑ \_\_\_\_\_\_\_ ❑ \_\_\_\_\_\_\_ | | |
| **Computer Science Requirement (3-4 credits)** | | | | | |
| **Computer Science Courses** | | | ❑ ICS 101 **or** LTEC 442 | | |
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| **Notes** | | | | | |
| College of Education, Office of Student Academic Services: Everly 126; (808) 956-7915; osas@hawaii.edu; coe.hawaii.edu | | | |
| Director:  Associate Director:  Education Faculty Advisors: | Denise Nakaoka; Everly 126; (808) 956-4274; nakaoka@hawaii.edu  Denise Abara; Everly 126; (808) 956-5192; dabara@hawaii.edu  Alyssa Kapaona; Everly 126; (808) 956-4269; [akapaona@hawaii.edu](mailto:akapaona@hawaii.edu)  Jolene Muneno; Everly 126; (808) 956-4268; jsmuneno@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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