ERTH UNDERGRADUATE CHECKLIST FOR
BA in Environmental Earth Science

Boxes are checked off only if a grade of C (not C-) or better is earned in the course.

STUDENT'S NAME: ___________________________________ I.D. NUMBER: ____________________
EMAIL ADDRESS: ___________________________________ ADVISOR: _______________________
CONTACT NUMBER: _________________________ SEMESTER & YEAR ENTERED ERTH: _________
SEMMESTER & YEAR ENTERED UHM: _________________________ UHM CLASS STATUS UPON ENTRY: ___________

OEST, CHEMISTRY, MATH, PHYSICS & BIOLOGICAL SCIENCE REQUIREMENTS

☐ _______ OEST 100, The College Experience (1)

☐ _______ CHEM 161, General Chemistry (3)   ☐ _______ CHEM 162, General Chemistry II (3)

☐ _______ CHEM 161L, General Chemistry Lab (1) ☐ _______ CHEM 162L, General Chemistry Lab II (1)

☐ _______ MATH 215, Applied Calculus, or 241, Calculus I (4)

☐ _______ PHYS 151, College Physics I (3)    ☐ _______ PHYS 152, College Physics II (3)

☐ _______ PHYS 151L, College Physics I Lab (1) ☐ _______ PHYS 152L, College Physics II Lab (1)

ONE OF THE FOLLOWING BIOLOGICAL SCIENCE COURSES:

☐ BIOL 171, Introductory Biology (3)
☐ BOT 101, General Botany (3)
☐ MICRO 130, General Microbiology (3)
☐ OEST 103, An Introduction to Integrative Systems Biology: Hawaiian Biomes as a Framework (4)
☐ ZOOL 101, Principles of Zoology (3)

ERTH REQUIRED (27 credits)

☐ _______ ERTH 101/102/103/104/106/130 (3) and ☐ _______ ERTH 309 Sedimentology & Stratigraphy (4)
☐ _______ ERTH 101L Dynamic Earth Lab (1)   ☐ _______ ERTH 325 Geochemistry (3)

☐ _______ ERTH 170 Physical Geology (4)    ☐ _______ ERTH 410 Undergraduate Seminar (2)

☐ _______ ERTH 200 Geological Inquiry (4)   ☐ _______ ERTH 455 Hydrogeology (4)

☐ _______ • ERTH 305 Geological Field Methods (3) ☐ _______ • ERTH 461 Geospatial Information (3)

ERTH ELECTIVES (15 credits)

With advice and consent of advisor, courses in other natural sciences, mathematics, or engineering may be substituted as electives.

☐ ERTH 250, Scientific Programming (3)    ☐ • ERTH 413, Geological Data Analysis I (3)
☐ • ERTH 300, Volcanology (3)    ☐ • ERTH 420, Coastal Geology (3)
☐ • ERTH 301, Mineralogy (4)    ☐ • ERTH 423, Marine Geology (3)
☐ • ERTH 302, Igneous and Metamorphic Petrology (4)    ☐ • ERTH 425, Environmental Geochemistry (3)
☐ • ERTH 303, Structural Geology (3)    ☐ • ERTH 444, Plate Tectonics (3)
☐ • ERTH 304, Physics of Earth & Planets (4)    ☐ • ERTH 450, Geophysical Methods (4)
☐ • ERTH 312, Geomathematics (3)    ☐ •ERTH 451, Earthquakes (3)
☐ • ERTH 399, Directed Reading (V)    ☐ • ERTH 454, Engineering Geology (3)
☐ • ERTH 402, Hawaiian Geology (3)    ☐ • ERTH 460, Geological Remote Sensing (4)
☐ • ERTH 406, Natural Disasters: Geethics and the Layman (3)    ☐ • ERTH 466, Planetary Geology (3)
☐ •ERTH 407, Energy & Mineral Resources (3)    ☐ • ERTH 499, Undergraduate Thesis (3)

☐ • __________________________________________ ( )  ☐ • __________________________________________ ( )
☐ • __________________________________________ ( )  ☐ • __________________________________________ ( )

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• Denotes upper division course

Effective Fall 2019