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: _______

CHEMISTRY, MATH, PHYSICS & BIOLOGICAL SCIENCE REQUIREMENTS

- CHEM 161, General Chemistry (3)
- CHEM 162, General Chemistry II (3)
- 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:
- ZOO 171+, Introductory Biology and Lab (4)
- ZOO 101, Principles of Zoology (3)
- MICRO 130, General Microbiology (3)
- OEST 103, An Introduction to Integrative Systems Biology: Hawaiian Biomes as a Framework (4)

ERTH REQUIRED (30 credits)

- ERTH 101/102/103/104/106/130 (3 and 30 credits) and 3 credits (Fees apply)
- ERTH 101L Dynamic Earth Lab (1)
- ERTH 170 Physical Geology (4)
- ERTH 200 Geological Inquiry (4)
- ERTH 305 Geological Field Methods (3)
- ERTH 309 Sedimentology & Stratigraphy (4)
- ERTH 325 Geochemistry (3)
- ERTH 410 Undergraduate Seminar (2)
- ERTH 455 Hydrogeology (4)
- ERTH 461 Geospatial Information (3)

ERTH ELECTIVES (5 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 300, Volcanology (3)
- ERTH 301, Mineralogy (4)
- ERTH 302, Igneous and Metamorphic Petrology (4)
- ERTH 303, Structural Geology (3)
- ERTH 304, Physics of Earth & Planets (4)
- ERTH 312, Geomathematics (3)
- ERTH 399, Directed Reading (V)
- ERTH 402, Hawaiian Geology (3)
- ERTH 406, Natural Disasters: Geothics and the Layman (3)
- ERTH 407, Energy & Mineral Resources (3)
- ERTH 413, Geological Data Analysis I (3)
- ERTH 420, Coastal Geology (3)
- ERTH 423, Marine Geology (3)
- ERTH 425, Environmental Geochemistry (3)
- ERTH 444, Plate Tectonics (3)
- ERTH 450, Geophysical Methods (4)
- ERTH 451, Earthquakes (3)
- ERTH 454, Engineering Geology (3)
- ERTH 460, Geological Remote Sensing (4)
- ERTH 466, Planetary Geology (3)
- ERTH 499, Undergraduate Thesis (3)

Spring 2019