ERTH UNDERGRADUATE ADVISOR'S CHECKLIST FOR

BA in Environmental Earth Science

TRACK: Earth Science Education

☐ 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: ___________________________@hawaii.edu ADVISOR: ___________________________

SEMESTER & YEAR ENTERED UHM: ________ ERTH: ________ UHM CLASS STATUS UPON ENTRY: ________

SOEST REQUIREMENT: ☐ _______ OEST 100, The College Experience (1)

CHEMISTRY, MATH, PHYSICS & BIOLOGICAL SCIENCE REQUIREMENTS

☐______ 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 MATH 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)

REQUIRED BIOLOGICAL SCIENCE COURSE & LAB:

☐ BIOL 171, Introductory Biology (3) ☐ BIOL 17L, Introductory Biology Lab (1)

ERTH REQUIRED (42 credits)

One of the following:

☐______ ERTH 101, Dynamic Earth (3) ☐______ ERTH 106, Humans and the Environment (3)
☐______ ERTH 102, Introduction to Global Change (3) ☐______ ERTH 130, Geologic Hazards (3)
☐______ ERTH 103, Geology of the Hawaiian Islands (3) ☐______ ERTH 170, Physical Geology (4)
☐______ ERTH 104, Volcanoes in the Sea (3)

Each of the following:

☐______ ERTH 101L, Dynamic Earth Lab (1) [unless ERTH 170 is taken]

☐______ ERTH 105, Voyage through Solar System (3) ☐______ ATMO 101, Introduction Weather & Climate (3)
☐______ OR ASTR 110, Survey of Astronomy (3) ☐______ ATMO 101L, Introduction Weather & Climate Lab (1)
☐______ ERTH 200, Geological Inquiry (4) ☐______ ATMO 200, Atmospheric Processes & Phenomena (3)
☐______ ERTH 300, Volcanology (3) ☐______ OCN 201, Science of the Sea (3)
☐______ ERTH 305, Geological Field Methods (3) ☐______ OCN 201L, Science of the Sea Lab (1)
☐______ ERTH 406, Natural Disasters (3) ☐______ OCN 310, Global Environmental Change (3)
☐______ ERTH 410, Undergraduate Seminar (2) ☐______ ITE 401, Engaging the Adolescent Learner (3)

SCIENCE ELECTIVES: (Required: 5 credits)

☐ ERTH 301, Mineralogy (4) ☐ ERTH 444, Plate Tectonics (3)
☐ ERTH 302, Igneous & Metamorphic Petrology (3) ☐ ERTH 450, Geophysical Methods (4)
☐ ERTH 303, Structural Geology (3) ☐ ERTH 451, Earthquakes & Crustal Deformation (3)
☐ ERTH 304, Physics of Earth & Planets (4) ☐ ERTH 454, Engineering Geology (3)
☐ ERTH 306, Work of Water (3) ☐ ERTH 455, Hydrogeology (4)
☐ ERTH 312, Adv. Math for Scientists & Engineers I (3) ☐ ERTH 460, Geological Remote Sensing (4)
☐ ERTH 325, Geochemistry (3) ☐ ERTH 461, Geospatial Information (3)
☐ ERTH 395, Undergraduate Internship (V) ☐ ERTH 466, Planetary Geology (3)
☐ ERTH 399, Directed Reading (V) ☐ ERTH 499, Undergraduate Thesis (3)
☐ ERTH 402, Hawaiian Geology (3) ☐ GEOG 405, Water in the Environment (3)
☐ ERTH 407, Energy & Mineral Resources (3) ☐ NREM 477, Geographic Information Systems for Resource Managers (3)
☐ ERTH 413, Intro to Stats & Data Analysis I (3) ☐ OCN 320, Aquatic Pollution (3)
☐ ERTH 420, Beaches, Reefs & Climate Change (3) ☐ OCN 331, Living Resources of the Sea (3)
☐ ERTH 423, Marine Geology (3) ☐ OCN 357, Ridge to Reef: Coastal Ecosystem Ecology & Connectivity (3)
☐ ERTH 425, Environmental Geochemistry (3) ☐ TPSS 304, Fundamentals of Soil Science (4)

Spring 2019