ERTH UNDERGRADUATE ADVISOR’S CHECKLIST FOR 
BS in Earth Sciences

□ 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: ________
SEMESTER & YEAR ENTERED UHM: ____________________________
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 241, Calculus I (4)  □ _______MATH 242, Calculus II (4)
□ _______PHYS 170, General Physics I (4)  □ _______PHYS 272, General Physics II (3)
□ _______PHYS 170L, General Physics Lab I (1)  □ _______PHYS 272L, General Physics Lab II (1)

**ONE OF THE FOLLOWING BIOLOGICAL SCIENCE COURSES:** ________________

□ BIOL 171, Introductory Biology (3)  □ MICRO 130, General Microbiology (3)
□ OEST 103, Integrative Systems Biology (4)  □ ZOOL 101, Principles of Zoology (3)

*Other biological sciences (DB) courses may satisfy this requirement with approval from a ERTH undergraduate advisor & SOEST Director of Student Services.*

**ERTH REQUIRED** (41 credits)

□ _______ ERTH 101 Dynamic Earth OR ERTH 103 (3) and □ _______ ERTH 303 Structural Geology (3)
□ _______ ERTH 101L Dynamic Earth Lab (1) OR □ _______ ERTH 304 Physics of Earth & Planets (4)
□ _______ ERTH 200 Geological Inquiry (4) OR □ _______ ERTH 450 Geophysical Methods (4)
□ _______ ERTH 250 Scientific Programming (3) □ _______ ERTH 305 Geological Field Methods (3)
□ _______ ERTH 301 Mineralogy (4) □ _______ ERTH 309 Sedimentology & Stratigraphy (4)
□ _______ ERTH 302 Igneous & Metamorphic Petrology (3) □ _______ ERTH 325 Geochmistry (3)
□ _______ ERTH 300, Volcanology (3) □ _______ ERTH 410 Undergraduate Seminar (2)
□ _______ ERTH 306, Work of Water (3) □ _______ ERTH 420, Hawaiian Geology (3)
□ _______ ERTH 312, Adv. Math for Scientists & Engineers I (3) □ _______ ERTH 423, Marine Geology (3)
□ _______ ERTH 399, Directed Reading (V) □ _______ ERTH 425, Environmental Geochemistry (3)
□ _______ ERTH 402, Hawaiian Geology (3) □ _______ ERTH 444, Plate Tectonics (3)
□ _______ ERTH 406, Natural Disasters (3) □ _______ ERTH 451, Earthquakes & crustal Deformations (3)
□ _______ ERTH 407, Energy & Mineral Resources (3) □ _______ ERTH 454, Engineering Geology (3)
□ _______ ERTH 413, Intro to Stats & Data Analysis I (3) □ _______ ERTH 455, Hydrogeology (4)
□ _______ ERTH 420, Beaches, Reefs & Climate Change (3) □ _______ ERTH 460, Geological Remote Sensing (4)
□ _______ ERTH 421, Undergraduate Thesis (3) □ _______ ERTH 461, Geospatial Information (3)

**ERTH ELECTIVES** (11 credits)

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

□ • ERTH 300, Volcanology (3) □ • ERTH 423, Marine Geology (3)
□ • ERTH 306, Work of Water (3) □ • ERTH 425, Environmental Geochemistry (3)
□ • ERTH 312, Adv. Math for Scientists & Engineers I (3) □ • ERTH 444, Plate Tectonics (3)
□ • ERTH 399, Directed Reading (V) □ • ERTH 451, Earthquakes & crustal Deformations (3)
□ • ERTH 402, Hawaiian Geology (3) □ • ERTH 454, Engineering Geology (3)
□ • ERTH 406, Natural Disasters (3) □ • ERTH 455, Hydrogeology (4)
□ • ERTH 407, Energy & Mineral Resources (3) □ • ERTH 460, Geological Remote Sensing (4)
□ • ERTH 413, Intro to Stats & Data Analysis I (3) □ • ERTH 461, Geospatial Information (3)
□ • ERTH 420, Beaches, Reefs & Climate Change (3) □ • ERTH 466, Planetary Geology (3)
□ • ERTH 421, Undergraduate Thesis (3) □ • ERTH 499, Undergraduate Thesis (3)

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• Denotes upper division course

Spring 2019