**BACHELOR OF SCIENCE IN GEOSCIENCES—GEOLOGY with UTeach Option – 144 hours**

**RECOMMENDED COURSE SEQUENCE - EFFECTIVE Fall 2014**

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|  | **Fall** | **Spring** | **Summer** |
| **Freshman Year** | **Fall –14 hours**  UNIV 1010/NATS 1101 Freshman Seminar  CHEM 1311/1111 General Chemistry I and Lab  GEOS 1303/1103 Physical Geology and Lab  MATH 2413 or 2417 Differential Calculus or Calc I  NATS 1141 UTeach Step 1 | **Spring –16 hours**  CHEM 1312/1112 General Chemistry II and Lab  GEOS 1304/1104 Intro. to Earth History and Lab  MATH 2414 or 2419 Integral Calculus or Calc II  COMM 1311 Survey of Oral & Tech-Based Comm  NATS 1143 UTeach Step 2 | **Summer – 8 hours**  Biology 1 & 2 (off campus) |
| **Sophomore Year** | **Fall – 16 hours**  GEOS 2306 Geospatial Methods  PHYS 2325/2125 Physics I and Lab  HIST 1301 U.S. History to Civil War  RHET 1302 Rhetoric/Composition II  NATS 3341 Knowing & Learning | **Spring – 15 hours**  GEOS 2409 Rocks & Minerals  MATH 2415 or 2418 Multivar. Calc. or Linear Algebra  PHYS 2326/2126 Physics II and Lab  NATS 3343 Classroom Interactions | **Summer – 3 hours**  GEOS 3300 Field Camp 1 |
| **Junior Year** | **Fall –14 hours**  GEOS 3421 Stratigraphy & Sedimentology  GEOS 3464 Igneous & Metamorphic Petrography  Social & Behavioral Science (3 SCH)  HIST 3327 Perspectives on Science and Math | **Spring – 14 hours** GEOS 3434 Paleobiology  GEOS 3470 Structural Geology  GOVT 2305 American Government  NATS 4390 Research Methods | **Summer – 3 hours**  GEOS 4300 Field Camp 2 |
| **Senior Year** | **Fall –16 hours**  GEOS 4320 Physics and Chemistry of Solid Earth  GEOS 4430 Hydrogeology and Geochemistry  Approved UL Biology Elective (3 SCH)  GOVT 2306 Texas Government  Language, Philosophy, & Culture (3 SCH) | **Spring – 15 hours**  GEOS 4322 The Earth System  GEOS 4390 Geoscience Writing & Reports  Approved UL Biology Elective (3 SCH)  Creative Arts (3 SCH)  NATS 4341 Project-Based Instruction | **Summer – 3 hours**  HIST 1302 U.S. History from Civil War |
| **Student Teaching** | **Fall – 7 hours**  NATS 4694(96) Apprentice Teaching  NATS 4141 Apprentice Teaching Seminar |  |  |