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

**RECOMMENDED COURSE SEQUENCE, OPTION 2 - EFFECTIVE Fall 2014**

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|  | **Fall** | **Spring** | **Summer** |
| **Freshman Year** | **Fall –17 hours**UNIV 1010/NATS 1101 Freshman SeminarCHEM 1311/1111 General Chemistry I and LabGEOS 1303/1103 Physical Geology and LabMATH 2413 or 2417 Differential Calculus or Calc IRHET 1302 Rhetoric/Composition II NATS 1141 UTeach Step 1 | **Spring –16 hours**CHEM 1312/1112 General Chemistry II and LabGEOS 1304/1104 Intro. to Earth History and LabMATH 2414 or 2419 Integral Calculus or Calc IICOMM 1311 Survey of Oral &Tech-Based CommNATS 1143 UTeach Step 2 | **Summer – 11 hours**Biology 1 & 2 (off campus)GOVT 2305 American Government |
| **Sophomore Year** | **Fall – 17 hours**GEOS 2306 Geospatial MethodsGEOS 2409 Rocks & MineralsPHYS 2325/2125 Physics I and LabHIST 1301 U.S. History to Civil War NATS 3341 Knowing & Learning | **Spring – 15 hours**GEOS 3434 PaleobiologyMATH 2415 or 2418 Multivar. Calc. or Linear AlgebraPHYS 2326/2126 Physics II and LabNATS 3343 Classroom Interactions | **Summer – 6 hours**GEOS 3300 Field Camp 1Creative Arts (3 SCH) |
| **Junior Year** | **Fall –17 hours**GEOS 3421 Stratigraphy & SedimentologyGEOS 3464 Igneous & Metamorphic PetrographyApproved UL Biology Elective (3 SCH)Social & Behavioral Science (3 SCH)HIST 3327 Perspectives on Science and Math | **Spring – 16 hours**GEOS 3470 Structural GeologyGEOS 4322 The Earth SystemGOVT 2306 Texas GovernmentApproved UL Biology Elective (3 SCH)NATS 4390 Research Methods | **Summer – 6 hours**GEOS 4300 Field Camp 2HIST 1302 U.S. History from Civil War |
| **Senior Year** | **Fall –16 hours**GEOS 4320 Physics and Chemistry of Solid EarthGEOS 4430 Hydrogeology and GeochemistryGEOS 4390 Geoscience Writing & ReportsLanguage, Philosophy, & Culture (3 SCH)NATS 4341 Project-Based Instruction | **Spring – 7 hours**NATS 4694(96) Apprentice TeachingNATS 4141 Apprentice Teaching Seminar |  |