Bachelor of Science in Geophysics (Starting with Precalculus)

Required Semester Credit Hours (SCH): 120

The sample four-year degree plan below starts with MATH 1508 (Precalculus). MATH 1508 is a prerequisite and does not count toward the required 120 SCH to complete the degree. Refer to the University Catalog for all degree requirements at catalog.utep.edu.

Many core curriculum courses are also offered in the summer (Su). Students are encouraged to register early and check Goldmine for course availability. The flowchart below may not reflect all student schedules; courses can be shifted to different semesters where applicable.

Required Courses

- MATH 1508 Precalculus
- GEOL 1313 + 1103 Intro Physical Geol & Lab
- UNIV 1301 Seminar/Critical Inquiry
- RWS 1301 Rhetoric & Composition I
- RWS 1302 Rhetoric & Composition II
- CHEM 1305 + 1105 General Chem I & Lab
- MATH 1411 Calculus I
- MATH 1312 Calculus II
- MATH 2313 Calculus III
- MATH 2326 Differential Equations
- CHEM 1306 + 1106 General Chem II & Lab
- PHYS 2420 Intro to Mechanics
- PHYS 2421 Fields and Waves
- PHYS 2230 Thermal & Fluid Physics
- PHYS 2320 + 1120 Geoscience Processes
- HIST 1301 History of U.S. to 1865
- HIST 1302 History of U.S. since 1865
- POLS 2311 American Gov. and Politics
- POLS 2310 Introduction to Politics
- COMM 1302 Business & Prof Comm
- UNIV 1302 Seminar/Critical Inquiry
- UNIV 1303 Seminar/Critical Inquiry
- GEOG 1301 Seminar/Critical Inquiry
- GEOG 1302 Seminar/Critical Inquiry
- ECON 1301 Seminar/Critical Inquiry
- ECON 1302 Seminar/Critical Inquiry
- SOCO 1301 Seminar/Critical Inquiry
- SOCO 1302 Seminar/Critical Inquiry
- ANTH 1301 Seminar/Critical Inquiry
- ANTH 1302 Seminar/Critical Inquiry
- BUS 1301 Seminar/Critical Inquiry
- BUS 1302 Seminar/Critical Inquiry
- DSCH 1301 Seminar/Critical Inquiry
- DSCH 1302 Seminar/Critical Inquiry
- NURS 1301 Seminar/Critical Inquiry
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