

DEGREE PLAN: BS IN EARTH SCIENCES

GENERAL EDUCATION REQUIREMENTS:

- ___ ___ English Composition, 6 semester credit hours
- ___ Literature, 3 semester credit hours
- ___ ___ U.S. History, 6 credits (2 courses) 1301, 1302
recommended
- ___ ___ U.S. and State Government, 6 credits (2 courses)
2305 & 2306
- ___ Communication, 3 semester credit hours
- ___ Visual and Performing Arts, 3 sch
- ___ Social Science, 3 semester credit hours
- ___ Math (1332 or College Algebra)
- ___ Math 2412

DEPARTMENTAL REQUIREMENTS:

- ___ COSC 1335 Computers and Problem Solving
- ___ NTSC 4301 Environmental Ethics **OR**
NTSC 4311 History & Philosophy of Science

In addition to Geology, 5 semesters of freshman science are required. Two courses must be sequenced. All of the courses must be chosen from the following:

- ___ ___ BIOL 1306/1106; BIOL 1307/1107
- ___ ___ PHYS 1301/1101, 1302/1102
- ___ ___ CHEM 1311/1111, 1312/1112

EARTH SCIENCES CORE COURSES:

- ___ GEOL 1301/1101 Physical Geology
- ___ GEOL 1302/1102 Historical Geology
- ___ GEOG 3302 Geomorphology
- ___ GEOG 3307 Climatology or Meteorology course
- ___ GEOL 3318 Oceanography (or a course in
Limnology, Marine Biology, or Aquatic Biology)
- ___ BIOL 3372 Principles of Ecology
- ___ GEOG 3429 GIS & GPS Applications **OR**
GEOG 3301 Maps & Map Interpretation
- ___ GEOL 3307/3107 Paleontology

NOTES ON GRADUATING:

1. Read the U. T. Permian Basin catalog and be familiar with the University's requirements for the BS degree. **It is the student's responsibility to read the catalog and be familiar with and fulfill all the requirements for the BS degree.**
2. Complete at least **120** semester credit hours for the BS degree in **Earth Sciences**.
3. At least **54** semester credit hours must be at the junior or senior level. At least **30** of these hours must be completed at U. T. Permian Basin.
4. Students majoring in Earth Sciences seeking secondary teacher certification are not required to complete a minor, but must complete a minimum of 24 credits in their second teaching field.
5. Obtain at least a C grade in all General Education, minor and Earth Science courses counting to the minimum course requirements. Maintain at least a grade point average of 2.0 or "C" in all courses applicable toward the BS degree.

Electives:

9 sch in upper level courses in Biology, Chemistry, Geology, or Environmental Science. An Astronomy course is strongly recommended.

MINOR

A minor requires 18 credit hours of which 12 credit hours must be completed at the junior and senior level.

| COURSE | GRADE/CREDIT HOURS | COURSE | GRADE/CREDIT HOURS |
|----------|--------------------|----------|--------------------|
| 1. _____ | | 5. _____ | |
| 2. _____ | | 6. _____ | |
| 3. _____ | | 7. _____ | |
| 4. _____ | | 8. _____ | |