## UTEP College of Science: Bachelor of Science Degree Plan

### GEOLOGICAL SCIENCES - Secondary Education

**UNIVERSITY CORE CURRICULUM for this MAJOR**

A maximum of 66 hours may be transferred from two-year institutions to UTEP degree programs.

### Course List

#### A General Education

- **(Minimum "C" grades required)**

1. **Communication (6 credits)**
   - Rhetoric & Composition I: RWS 1301, ENGL 1301
   - Rhetoric & Composition II: RWS 1302, ENGL 1302
   - Rhetoric, Composition, & Communication: RWS 1601 (no equivalent)
   - Expository English Composition for Speakers of ESL: ESOL 1311 (no equivalent)
   - Written and Oral Communication: COMM 1611 (no equivalent)

2. **Mathematics (PreCalculus plus 7 or 8 additional credits)**
   - PreCalculus: MATH 1508, MATH 1314 & 2413
   - Calculus I: MATH 1411, MATH 2412

3. **Life and Physical Sciences**
   - General Biology - Topics in Study of Life I: BIOL 1305-1107, BIOL 1306-1106
   - Organismal Biology - Organismal Biology Laboratory: BIOL 1306-1108, BIOL 1306-1107

4. **Language, Philosophy, & Culture (3 credits) - choose 1 course**
   - English Literature (to 1700’s): ENGL 2311, ENGL 2322
   - English Literature (1700’s - Modern): ENGL 2312, ENGL 2323
   - Intro to American Fiction: ENGL 2313, ENGL 2324
   - Introduction to American Drama: ENGL 2314, ENGL 2343
   - Introduction to American Poetry: ENGL 2318 (no equivalent)
   - World History since 1500: HIST 2301, HIST 2321
   - Intro to World History: HIST 2302, HIST 2322
   - Introduction to Philosophy: PHIL 1301, PHIL 1301
   - Introduction to Ethics: PHIL 2306, PHIL 2306
   - Making the Other Americas: FREN 2322 (no equivalent)
   - Introduction to Religious Studies: RS 1301 (no equivalent)
   - Seeing & Naming: Conversations: SPAN 2340 (no equivalent)
   - Introduction to Women’s Studies: WS 2300 (no equivalent)
   - Global Feminisms: WS 2350 (no equivalent)

5. **Creative Arts (3 credits) - choose 1 course**
   - Art Appreciation: ART 1300, ARTS 1301
   - History of Art I (Pre-Renaissance Art History): ARTH 1305, ARTS 1303
   - History of Art II (Renaissance & Modern Art History): ARTH 1306, ARTS 1304
   - Dance Appreciation: DACN 1304, DACN 2303
   - Introduction to Art of Motion/Film: FILM 1300, DRAM 2306
   - Introduction to Music History: MUSL 1321, MUSI 1307
   - Music Appreciation: MUSL 1324, MUSI 1306
   - Jazz to Rock: MUSL 1327, MUSI 1310
   - Introduction to Theater: THEA 1313, DRAM 1310

### University Core Curriculum

- **History of the U.S. to 1865**: HIST 1301, HIST 1301
- **History of the U.S. since 1865**: HIST 1302, HIST 1302
- **American Government & Politics**: POLS 2311, GOVT 2305
- **American Government & Politics**: POLS 2311, GOVT 2306
- **Anthropology**: ANTH 1301, ANTH 1306
- **English Literature (to 1700’s)**: ENGL 2311, ENGL 2322
- **English Literature (1700’s - Modern)**: ENGL 2312, ENGL 2323
- **History of Art I (Pre-Renaissance Art History)**: ARTH 1305, ARTS 1303
- **History of Art II (Renaissance & Modern Art History)**: ARTH 1306, ARTS 1304
- **Music Appreciation**: MUSL 1324, MUSI 1306
- **Jazz to Rock**: MUSL 1327, MUSI 1310
- **Introduction to Theater**: THEA 1313, DRAM 1310

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**IMPORTANT**

1. It is recommended that both Political Science courses be completed at EPCC then transferred to UTEP or both be completed at UTEP.
2. All courses used to satisfy the core curriculum must be completed with a grade of "C" or better. This also applies to courses transferred from EPCC.
3. No substitutions will be allowed in the Core Curriculum.

*revised 9-20-16 KMG*
## UTEP College of Science: Bachelor of Science Degree Plan
### Geological Sciences - Secondary Education

#### LOWER DIVISION COURSES for the MAJOR

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>UTEP</th>
<th>EPCC</th>
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<tbody>
<tr>
<td><strong>B MAJOR: Geological Sciences (39/27)</strong></td>
<td></td>
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<tr>
<td>Intro to Physical Geology - Lab for GEOL 1313</td>
<td>GEOL 1313-1103</td>
<td>GEOL 1303-1103</td>
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<tr>
<td>or Principles of Earth Sciences - Principles of Earth Sci Lab</td>
<td>GEOL 1211-1111</td>
<td>GEOL 1301-1101</td>
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<tr>
<td>Intro to Historical Geol - Lab for GEOL 1314</td>
<td>GEOL 1314-1104</td>
<td>GEOL 1304-1104</td>
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<tr>
<td>or Principles of Earth Sciences - Lab for Geology 1212</td>
<td>GEOL 1212-1112</td>
<td>GEOL 1302-1102</td>
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<tr>
<td>or Mineralogy &amp; Petrology - Mineralogy &amp; Petrology Lab</td>
<td>GEOL 2309-2109</td>
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<tr>
<td>or Geosciences Processes - Geoscience Processes Lab</td>
<td>GEOL 3312-3112</td>
<td>no equivalent</td>
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<tr>
<td>or Igneous/Metamorphic Petrology - Igneo Igneous/Metamorphic Petrology Lab</td>
<td>GEOL 3215-3115</td>
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<tr>
<td>Structural Geology - Structural Geology Lab</td>
<td>GEOL 3323-3112</td>
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<td></td>
<td>GEOL 3325-3125</td>
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<tr>
<td>Field Geology I WINTERMESTER</td>
<td>GEOL 4375</td>
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<tr>
<td>Field Geology II MAYMESTER</td>
<td>GEOL 4376</td>
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**IMPORTANT**

1. Upper division coursework = 3000 or 4000 level courses
2. Upper division coursework in the major or upper division electives are only available at UTEP (these are not offered at EPCC).

#### C Supporting Science and Math

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>UTEP</th>
<th>EPCC</th>
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<tbody>
<tr>
<td>General Chemistry I</td>
<td>CHEM 1305-1105</td>
<td>CHEM 1311-1111</td>
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<td>General Chemistry II</td>
<td>CHEM 1306-1106</td>
<td>CHEM 1312-1112</td>
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<tr>
<td>Physics I (Introd. Mechanics)</td>
<td>PHYS 2420</td>
<td>PHYS 2325-2125</td>
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<td>Physics II (Waves &amp; Fields)</td>
<td>PHYS 2421</td>
<td>PHYS 2326-2126</td>
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<td>General Chemistry II</td>
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<td>Calculus II</td>
<td>MATH 1312</td>
<td>2314</td>
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#### D Required Education Courses

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<tr>
<th>COURSE NAME</th>
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<th>EPCC</th>
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<tbody>
<tr>
<td>Curriculum Plan-Secondary Schl.</td>
<td>SCED 3311</td>
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<tr>
<td>Teaching Science in Sec School</td>
<td>SCED 4368</td>
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<td>Content Area Literacy</td>
<td>RED 3342</td>
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<tr>
<td>Developmental Variations</td>
<td>EDPC 3300</td>
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<tr>
<td>Multicultural Ed in Sec School</td>
<td>SCED 3317</td>
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<tr>
<td>Student Teaching in Sec School</td>
<td>SCED 4691</td>
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