### Bachelor of Science in Geology

#### A Suggested Sequence of Required Courses for a South Texas Transfer Student (2017-2018 Catalog)

#### Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SOUTH TEXAS BU Title</td>
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<tr>
<td></td>
<td>CHA 1088 Chapel</td>
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<tr>
<td></td>
<td>ENGL 1301 ENGL 1302</td>
<td>ENGL 1302 ENGL 1304</td>
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<td></td>
<td>MATH 2413 MTH 1321</td>
<td>MATH 2414 MTH 1322</td>
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<tr>
<td></td>
<td>GEOL 1403 GEO 1405</td>
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#### Sophomore Year

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<tr>
<td></td>
<td>CHEM 1411 CHE 1301-1101</td>
<td>CHEM 1412 CHE 1302-1102</td>
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<td>See Reverse Foreign Language</td>
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<tr>
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<td>See Reverse Lifetime Fitness</td>
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<tr>
<td></td>
<td>GEO 3427 Rocks and Rock-forming Minerals</td>
<td>BIO 1403 Exploring the Living World</td>
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<tr>
<td></td>
<td>GEO 3435 Invertebrate Paleontology</td>
<td>GEO 3430 Petrology</td>
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#### Junior Year

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<tr>
<td></td>
<td>ENGL 2321 ENGL 2301</td>
<td>ENGL 2326 or 2331 ENGL 2304 or 2306</td>
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<tr>
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<td>See Reverse PSC 2302</td>
<td>See Reverse PHY 1409</td>
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<td>See Reverse PHY 1408</td>
<td>See Reverse GEO 3442</td>
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<td></td>
<td>GEO 3445 Structural Geology</td>
<td>GEO 3319 Geophysics</td>
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#### Summer

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<th>First</th>
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<tr>
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<td>GEO 3000-4000 Level</td>
<td>GEO 43C1 or 43C0 Senior Colloquium Capstone or Senior Thesis</td>
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<td>See Below GEO 3000-4000 Level</td>
<td>See Below GEO 3000-4000 Level</td>
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#### Senior Year

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<td>SOUTH TEXAS BU Title</td>
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<tr>
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<td>See Below GEO 3000-4000 Level</td>
<td>See Below GEO 3000-4000 Level</td>
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<tr>
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<td>See Reverse History/Social Science</td>
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### Notes about major requirements:
- Majors are encouraged to take GEO 1405.
- The above sequence assumes student can begin Calculus (MTH 1321) in fall of freshman year. If you are not eligible, take Pre-calculus first (MTH 1320).
- GEO 3000-4000 level electives: Note that GEO 3325, 4313, 4314 and 4487 will not apply toward the major.
- All senior-level candidates must complete the Geology exit exam.
- Geology students planning to specialize in paleontology should elect courses in biology; those planning to specialize in mineralogy and/or petrology should take more chemistry.
- English requirement: Students majoring in the sciences may take ENG 3300 instead of ENG 1304.
- A grade of "C" or better is required for all courses used for the major.
- For more information, see the undergraduate catalog.

Please see reverse side for important information on general requirements.
# Bachelor of Science (BS) Degree Checklist

**2017-2018 Baylor Undergraduate Catalog**

<table>
<thead>
<tr>
<th>South Texas Course</th>
<th>Baylor Course</th>
<th>Baylor Title</th>
<th>Modern Languages</th>
<th>Classical Languages</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
<td>Thinking and Writing</td>
<td>Arabic (ARB)</td>
<td>Japanese (JPN)</td>
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<tr>
<td>ENGL 1302</td>
<td>ENG 1304</td>
<td>Thinking, Writing &amp; Research</td>
<td>Chinese (CHI)</td>
<td>Korean (KOR)</td>
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<tr>
<td>ENGL 2321</td>
<td>ENG 2301</td>
<td>British Literature</td>
<td>French (FRE)</td>
<td>Portuguese (POR)</td>
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<tr>
<td>ENGL 2326</td>
<td>ENG 2304</td>
<td>American Literature</td>
<td>German (GER)</td>
<td>Latin (LAT)</td>
</tr>
<tr>
<td>ENGL 2331</td>
<td>ENG 2306</td>
<td>World Literature</td>
<td>Italian (ITA)</td>
<td>Swahili (SWA)</td>
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**Science:**

<table>
<thead>
<tr>
<th>South Texas Course</th>
<th>Baylor Course</th>
<th>Baylor Title</th>
<th>Modern Concepts of Bioscience</th>
<th>Modern Concepts of Bioscience, Continued</th>
<th>The Dynamic Earth</th>
<th>Earth Through Time</th>
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<td>BIOL 1407</td>
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<td>GEO 1403</td>
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**History/Social Science:**

<table>
<thead>
<tr>
<th>South Texas Course</th>
<th>Baylor Course</th>
<th>Baylor Title</th>
<th>Modern Concepts of Chemistry</th>
<th>Basic Principles of Chemistry II</th>
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</thead>
<tbody>
<tr>
<td>ANTH 2346</td>
<td>ANT 1305</td>
<td>Introduction to Anthropology</td>
<td>CHEM 1411</td>
<td>CHEM 1412</td>
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<tr>
<td>ANTH 3301</td>
<td>ANT 1301</td>
<td>Science, Society, and Culture</td>
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<tr>
<td>ECO 1305</td>
<td>ECO 1305</td>
<td>Survey of Eco. Prin. For Non-bus. Majors</td>
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<td>ECON 2302</td>
<td>ECO 2306</td>
<td>Principles of Microeconomics</td>
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<td>ECO 2307</td>
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<td>Principles of Macroeconomics</td>
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<td>GEOG 1300</td>
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<td>HIST 2322</td>
<td>HIS 1307</td>
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<td>PHIL 2306</td>
<td>PHI 1307</td>
<td>Critical Thinking</td>
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<td>PHIL 2307</td>
<td>PHI 1321</td>
<td>Introduction to Philosophy</td>
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<tr>
<td>PHIL 3310</td>
<td>PHI 1301</td>
<td>Moral Philosophy</td>
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<tr>
<td>PHIL 3312</td>
<td>PHI 1312</td>
<td>History of Philosophy: Modern Europe</td>
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<td>GOVT 2302 or 2305</td>
<td>PSC 1305</td>
<td>American National Government</td>
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<tr>
<td>GOVT 2301 or 2306</td>
<td>PSC 1306</td>
<td>American State &amp; Local Government</td>
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<td>PSYC 2301</td>
<td>PSY 1305</td>
<td>Introductory Psychology</td>
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<td>SOCI 1301</td>
<td>SOC 1305</td>
<td>Introduction to Sociology</td>
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<tr>
<td>GOVT 2305 AND 2306</td>
<td>PSC 2302</td>
<td>American Constitutional Development</td>
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**Foreign Language:** To be fulfilled with one of the following options:

- Complete **ONE** Modern or Classical language through the 2320 level OR
- Complete **TWO** Classical languages through the 1302 or 1402 level.

Two languages from Latin, Greek, and Hebrew may be used. (It is strongly recommended that the language requirement be started during the first year of residence work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)

<table>
<thead>
<tr>
<th>South Texas Course</th>
<th>Baylor Course</th>
<th>Baylor Title</th>
<th>Modern Concepts of Neuroscience</th>
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</thead>
<tbody>
<tr>
<td>CHEM 1411</td>
<td>CHE 1301-1101</td>
<td>Basic Principles of Chemistry</td>
<td>CHEM 1412 Basic Principles of Chemistry II</td>
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<tr>
<td>PHYS 2425</td>
<td>PHY 1420</td>
<td>General Physics I</td>
<td>Phys 1430 General Physics II</td>
</tr>
<tr>
<td>ENV 2301-1101</td>
<td>ENV 1301-1103</td>
<td>Exploring Environmental Issues and lab</td>
<td>ENV 1303-1103 Wildlife Ecology and lab</td>
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**Lifetime Fitness:** Four activity courses are required.