### Bachelor of Arts in Earth Science

**A Suggested Sequence of Required Courses for a McLennan transfer student (2017-2018 Catalog)**

#### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>MCLENNAN</strong></td>
<td><strong>BU</strong></td>
</tr>
<tr>
<td>CHA 1088</td>
<td>Chapel</td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>MTH 1321</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>GEO 1403</td>
<td>GEO 1405</td>
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#### Sophomore Year

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<tr>
<td><strong>MCLENNAN</strong></td>
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<tr>
<td>PHIL 1316</td>
<td>REL 1310</td>
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<td>See Reverse</td>
<td>Foreign Language</td>
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<tr>
<td>See Reverse</td>
<td>Lifetime Fitness</td>
</tr>
<tr>
<td>GEO 3427</td>
<td>Mineralogy</td>
</tr>
<tr>
<td>GEO 3435</td>
<td>Invertebrate Paleontology</td>
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#### Junior Year

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<tr>
<td>See Reverse</td>
<td>PSC 2302</td>
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<tr>
<td>See Reverse</td>
<td>Social Science</td>
</tr>
<tr>
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<td>History</td>
</tr>
<tr>
<td>BIOL 1409</td>
<td>BIO 1403</td>
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<tr>
<td>GEO 4485</td>
<td>Introduction to Geographic Information Systems</td>
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#### Summer

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<th>First</th>
<th>Second</th>
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<tr>
<td><strong>MCLENNAN</strong></td>
<td><strong>BU</strong></td>
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<tr>
<td>GEO 3341 or 3344</td>
<td>Field Course</td>
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#### Senior Year

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<tr>
<td><strong>MCLENNAN</strong></td>
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<tr>
<td>See Reverse</td>
<td>Fine Art</td>
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<tr>
<td>Advanced Elective*</td>
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<tr>
<td>Advanced Elective*</td>
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### Notes about major requirements:

- This major is designed for teaching.
- Additional advanced hours are required and a strong minor is encouraged.
- Additional geology or chemistry will be required for a laboratory technician position.
- Those desiring to be professional geologists should pursue the BS degree.
- English requirement: Students are allowed to take either ENG 1304 or FAS 1118, 1128, and 1138. Students majoring in the sciences may take ENG 3300 instead of ENG 1304.
- For more information, see the undergraduate catalog.

* Because of the number of electives, there is enough room for a minor with this major.

Please see reverse side for important information on general requirements.
## Mclemnan Course | Baylor Course | Baylor Title
---|---|---
ENGL 1301 | ENGL 1302 | Thinking and Writing
ENGL 1302 | ENGL 1304 | Thinking, Writing & Research
ENGL 2321 or 2322 | ENGL 2301 | British Literature
ENGL 2326, 2327, 2328 | ENGL 2304 | American Literature
ENGL 2331, 2332, 2333 | ENGL 2306 | World Literature

## Fine Arts: Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):
- ARTS 1301 | ART 1300 | Introduction to Art
- ARTS 1303 | ART 2302 | History of Art I
- ARTS 1304 | ART 2303 | History of Art II
- CLA 3380 | Classical Mythology
- FAS 1306 | Freshman Academic Seminar: Fine Arts
- COMM 1307 | JOUR 1303 | Introduction to Mass Communication
- MUSI 1301 | MUS 1220 | Introduction to Music
- MUSI 1302 | MUS 1322 | American Popular Music
- MUSI 3323 | History of Jazz
- SPCH 1311 or 1315 | CSS 1301 | Fundamentals of Public Communications
- SPCH 1321 | CSS 1302 | Speech for Business & Professional Students
- SPCH 1304 | CSS 1304 | Argumentation, Discussion, and Debate
- DRAM 2361 | THEA 1206 | Theatre Appreciation
- DRAM 2362 | THEA 2374 | History of Theatre I

## History:
- HIST 2321 | HIS 1305 | World History to 1500
- HIST 2322 | HIS 1307 | World History since 1500
- HIST 1301 | HIS 2365 | History of the U.S. to 1877
- HIST 1302 | HIS 2366 | History of the U.S. since 1877

## Social Sciences: Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):
- ANTH 2346 | ANT 1305 | Introduction to Anthropology
- ANT 1325 | ANT 2302 | Introduction to Global Health
- ANT 1330 | ANT 3301 | Science, Society, and Culture
- ECON 1301 | ECO 1305 | Survey of Econ Princ. For Non-Bus. Majors
- ECON 2302 | ECO 2306 | Principles of Microeconomics
- ECOCN 2301 | ECO 2307 | Principles of Macroeconomics
- FAS 1303 | FAS 1305 | Freshman Academic Seminar: Medicine...
- GEOG 1300 | GEOG 1300 | World Geography
- HON 3100 | HON 1100 | Advanced Readings and Research Honors
- HON 3101 | HON 1100 | Advanced Readings and Research Honors
- HON 3200 | HON 3200 | Colloquium Honors
- HON 3201 | HON 3201 | Colloquium Honors
- PHIL 2303 | PH 1306 | Logic
- PHIL 2374 | PH 1307 | Critical Thinking
- PHIL 2306 | PH 1308 | Introduction to Ethics
- PHIL 1301 | PHI 1321 | Introduction to Philosophy
- PHIL 3301 | PHI 3310 | History of Philosophy: Classical
- PHIL 3312 | PHI 3322 | History of Philosophy: Modern Europe
- PHIL 3322 | PHI 3322 | Philosophy and the Arts (for Art majors)
- GOVT 2305 | PSC 1305 | American National Government
- GOVT 2306 | PSC 1306 | American State & Local Government
- PSYC 2301 | PSY 1305 | Introduction to Psychology
- SOCI 1301 | SOC 1305 | Introduction to Sociology
- GOVT 2305 AND 2306 | PSC 2302 | American Constitutional Development

## Political Science:
- GOVT 2305 | PSC 1305 | American National Government
- GOVT 2306 | PSC 1306 | American State & Local Government
- PSYC 2301 | PSY 1305 | Introduction to Psychology
- SOCI 1301 | SOC 1305 | Introduction to Sociology

Note: Both GOVT 2305 and 2306 must be complete before coming to Baylor to receive credit for PSC 2302. This course may not be transferred from another school after the student has earned hours at Baylor. This substitution is not available for Political Science majors.

## Lab Science: One course from each area:
- BIOL 1408 | BIO 1401 | Current Issues in Human Biology
- BIOL 1409 | BIO 1403 | Exploring the Living World
- BIOL 1406 | BIO 1305-1105 | Modern Concepts of Bioscience
- BIOL 1407 | BIO 1306-1106 | Modern Concepts of Bioscience, Continued
- GEO 1401* | Earthquakes & other Natural Disasters
- GEO 1402 | World Oceans
- GEO 1403* | Environmental Geology
- GEOL 1401 | GEOL 1408 | Earth Science
- MATH 1303 | MATH 1301 | Introduction to Neuroscience

## Area 1:
- CHEM 1405 | CHE 1301-1100 ** | Introduction to Chemistry
- CHEM 1411 | CHE 1301-1101** | Basic Principles of Chemistry I
- CHEM 1412 | CHE 1302-1102 | Basic Principles of Chemistry II
- CHEM 1407 | CHE 1341-1146 | Introductory Organic Biochemistry
- CHEM 1405 | CHE 1405** | Chemistry & Society
- PHYS 1404 | PHY 1405 | General Physics for BA Students
- PHYS 1407 | PHY 1407 | Sound and Acoustics
- PHYS 1408 | GEN. PHYSICS | General Physics for BA Students
- PHYS 1420 | KIN 1420 | Kinetic Physics I
- PHYS 1430 | KIN 1430 | Kinetic Physics II

## Area 2:
- ANT 1404 | Intro to Human Evolution
- ENV 1301-1101 or 1302-1102 | Exploring Environmental Issues and lab
- ENV 1303-1103 | Exploring Environmental Issues and lab
- FAS 1407 | Freshman Academic Seminar: Science

## Area 3:
- MATH 1332 | MTH 1301 | Ideas in Mathematics
- MATH 2412 | MTH 1320 | Pre-Calculus
- MATH 2413 | MTH 1321 | Calculus I
- MATH 1342 | STA 1380 | Elementary Statistics

## Foreign Language: To be fulfilled with one of the following options:
- A. Complete ONE Modern or Classical language through the 2320 level
- B. 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.)

## Political Science: Note: Both GOVT 2305 and 2306 must be complete before coming to Baylor to receive credit for PSC 2302. This course may not be transferred from another school after the student has earned hours at Baylor. This substitution is not available for Political Science majors.

## Lifetime Fitness: Four activity courses are required