### Bachelor of Arts in Earth Science

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

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>PALO ALTO BU</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>ECHA 1088</td>
<td>Chapel</td>
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<tr>
<td>ENGL 1301</td>
<td>Thinking and Writing</td>
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<tr>
<td>MATH 2413</td>
<td>Calculus I</td>
<td>3</td>
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<tr>
<td>See Reverse</td>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 1405</td>
<td>The Dynamic Earth</td>
<td>4</td>
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<tr>
<th>Sophomore Year</th>
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<tbody>
<tr>
<td>PALO ALTO BU</td>
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<td>Hours</td>
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<tr>
<td>REL 1310</td>
<td>Christian Scriptures</td>
<td>3</td>
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<tr>
<td>See Reverse</td>
<td>Foreign Language</td>
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<tr>
<td>See Reverse</td>
<td>Lifetime Fitness</td>
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<tr>
<td>GEO 3427</td>
<td>Mineralogy</td>
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<tr>
<td>GEO 3435</td>
<td>Invertebrate Paleontology</td>
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<tr>
<th>Junior Year</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>PALO ALTO BU</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>See Reverse</td>
<td>PSC 2302</td>
<td>American Constitutional Development</td>
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<tr>
<td>See Reverse</td>
<td>Social Science</td>
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<tr>
<td>See Reverse</td>
<td>History</td>
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<tr>
<td>BID 1403</td>
<td>Exploring the Living World</td>
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<tr>
<td>GEO 4485</td>
<td>Introduction to Geographic Information Systems</td>
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<table>
<thead>
<tr>
<th>Summer</th>
<th>First</th>
<th>Second</th>
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<tbody>
<tr>
<td>PALO ALTO BU</td>
<td>Title</td>
<td>Hours</td>
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<tr>
<td>GEO 3341 or 3344</td>
<td>Field Course</td>
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<th>Senior Year</th>
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<tr>
<td>PALO ALTO BU</td>
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<td>Hours</td>
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<tr>
<td>See Reverse</td>
<td>Fine Art</td>
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<td>Advanced Elective*</td>
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<tr>
<td>Advanced Elective*</td>
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<td>Advanced Elective*</td>
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<tr>
<td>Lifetime Fitness</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.
- Additional advanced hours are required and a strong minor is encouraged.
- Advanced 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.
### PALO ALTO COURSE | BAYLOR COURSE | BAYLOR TITLE
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ENGL 1301 | ENGL 1302 | Thinking and Writing
ENGL 1302 | ENGL 1304 | Thinking, Writing & Research
ENGL 2322 | ENGL 2301 | British Literature
ENGL 2327 or 2328 | ENGL 2304 | American Literature
ENGL 2323 or 2333 | ENGL 2306 | World Literature

### FINE ARTS: Three courses, each from a different area(s) (i.e. ART, THEA, MUS, etc.):
ARTS 1301 | ART 1306 | Introduction to Art
ARTS 1303 | ART 2302 | History of Art I
ARTS 1304 | ART 2303 | History of Art II
CLA 1300 | Classical Mythology
FAS 1302 | Freshman Academic Seminar Fine Arts
COMM 1307 or 1335 | JOU/FDM 1303 | Introduction to Mass Communication
MUS 1306 | MUS 1220 | Introduction to Music
MUS 3322 | American Popular Music
MUS 3323 | History of Jazz
SPCH 1311 or 1315 | CSS 1301 | Fundamentals of Public Communications
SPCH 1321 | CSS 1302 | Speech for Business & Professional Students
SPCH 2335 | CSS 1304 | Argumentation, Discussion, and Debate
DRAM 1310 | THEA 1206 | Theatre Appreciation
THEA 2374 | History of Theatre I

### HISTORY:
HIST 2312 or 2322 | HS 3105 | World History to 1500
HIST 2312 or 2322 | HS 3107 | World History since 1500
HIST 1301 | HS 2365 | History of the U.S. to 1877
HIST 1302 | HS 2366 | History of the U.S. since 1877

### SOCIAL SCIENCES: Three courses, each from different areas (i.e. ANT, SOC, PSY, etc.):
ANT 1305 | ANT 1301 | Introduction to Anthropology
ANT 1325 | ANT 1322 | Introduction to Global Health
ANT 2302 | ANT 2301 | The Emergence of World Civilizations
ANT 3301 | Science, Society, and Culture
ECON 1301 | ECO 1305 | Survey of Econ Princ. For Non-Bus. Majors
ECO 2306 | ECO 2306 | Principles of Macroeconomics
ECO 2307 | ECO 2306 | Principles of Macroeconomics
FAS 1303 | Freshman Academic Seminar: Medicine
FAS 1305 | Freshman Academic Seminar: Social Science
GEOG 1303 | GEOG 1303 | World Geography
HON 1308 | Advanced Readings and Research Honors
HON 3200 | Colloquium Honors
HON 3201 | Colloquium Honors
PHIL 2301 | PHIL 1306 | Logic
PHIL 2302 | PHIL 1307 | Critical Thinking
PHIL 2303 | PHIL 1308 | Introduction to Ethics
PHIL 1301 | PHIL 1321 | Introduction to Philosophy
PHIL 3311 | Moral Philosophy
PHIL 3310 | History of Philosophy: Classical
PHIL 3312 | History of Philosophy: Modern Europe
PHIL 3322 | Philosophy and the Arts (for Art majors)
GOVT 2302 or 2305 | PSC 1305 | American National Government
GOVT 2301 or 2306 | PSC 1306 | American State & Local Government
PSYC 2301 | PSY 1305 | Introductory Psychology
SOC 1301 | SOC 1305 | Introduction to Sociology

### POLITICAL SCIENCE:
GOVT 2305 AND 2306 | PSC 2302 | American Constitutional Development

### LAB SCIENCE: One course from each area:
AREA 1:
Biol 1408 | BIO 1401 | Current issues in “Human biology”
Biol 1406 | BIO 1305-1105 | Modern Concepts of Bioscience
Biol 1407 | BIO 1306-1106 | Modern Concepts of Bioscience, Continued

AREA 2:
Chem 1405 | CHE 1301-1106 | Introduction to Chemistry
Chem 1411 | CHE 1301-1103** | 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

-area 3:
PHYS 1404 | Light, Vision and Optics
PHYS 1405 | General Physics for BA Students
PHYS 1408 | Gen. Physics for Nat. & Behavioral Sci
PHYS 1420 | General Physics

### FOREIGN LANGUAGE: To be fulfilled with one of the following options:
A. Complete ONE Modern or Classical language through the 2320 level OR
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 resident work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)

### LIFETIME FITNESS: Four activity courses are required

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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.

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### 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.

### Taught at Baylor; no equivalent course at Palo Alto
- Modern Languages
  - Korean (KOR)
  - Spanish (SPA)
  - Greek (GKC)
  - Portuguese (POR)
  - Swahili (SWA)
  - Hebrew (HEB)
  - Russian (RUS)
- Classical Languages