# BAYLOR BOUND MAJOR ACADEMIC PLANNER

## Bachelor of Arts in Biology

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

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### Notes about major requirements:

- This program is designed for students with an interest in medicine, dentistry, podiatry, or other health-related professions, as well as those anticipating graduate studies in these disciplines.

- **Pre-Biology:** Students interested in biology as a major will choose the pre-biology designation upon enrollment at Baylor. To declare a major in Biology (BA or BS, all concentrations), a student must complete, with grades of "C" or better, either BIO 1305-1105 or 1405 and either BIO 1306-1106 or 1406 or their equivalents. Students may transfer credit for these courses (assuming grades of "C" or better) as long as the courses were taken prior to initial matriculation to Baylor. Students may repeat each of these introductory courses only once if they fail to make a "C" or better the first time they take the course. Students may only remain in the pre-biology designation until completion of 60 hours. Students who have not met the admission requirement at 60 hours will not advance to the biology major and must change degree programs. Students who transfer credit to Baylor for BIO 1305-1105 or 1405 and BIO 1306-1106 or 1406, all with grades of "C" or better, on their record will be eligible to declare biology as a major upon initial enrollment at Baylor. Students who receive 5 on the AP examination will be eligible to declare biology as a major upon initial enrollment at Baylor even if they elect to take the introductory course sequence.

- A grade of "C" or better in 31 hours of biology courses used for the major AND in all courses required in non-Biology area of your audit.

- **Core Biology Courses:** Students must complete a minimum of 12 semester hours of biology courses with grades of "C" or better. These courses include BIO 1305-1105 or 1405 and BIO 1306-1106 or 1406 or their equivalents. Students may transfer credit for these courses (assuming grades of "C" or better) as long as the courses were taken prior to initial matriculation to Baylor. Students may repeat each of these introductory courses only once if they fail to make a "C" or better the first time they take the course. Students may only remain in the pre-biology designation until completion of 60 hours. Students who have not met the admission requirement at 60 hours will not advance to the biology major and must change degree programs. Students who transfer credit to Baylor for BIO 1305-1105 or 1405 and BIO 1306-1106 or 1406, all with grades of "C" or better, on their record will be eligible to declare biology as a major upon initial enrollment at Baylor. Students who receive 5 on the AP examination will be eligible to declare biology as a major upon initial enrollment at Baylor even if they elect to take the introductory course sequence.

- A degree of "C" or better in 31 hours of biology courses used for the major AND in all courses required in non-Biology area of your audit.

- **BIO 1305-1105 and 1306-1106 are prerequisite to all "2000" and above level courses in biology.** Non-biology majors may be admitted to upper-level courses without these prerequisites with consent of instructor and department chair.

- **BIO 1401, 1402, 1403, 2401, and 2402 cannot be used to satisfy the minimum number of semester hours required for a major in biology.**

- **Group 1:** at least four semester hours from: BIO 3425, 3429, 4416, 4508-4108, or 4426
- **Group 2:** at least four semester hours from: BIO 3425, 4508-4107, 4417, or 4431
- **Group 3:** at least four semester hours from: BIO 3303-3103, 3324-3124, 4405, 4406, 4414, 4418, 4422, 4427, 4408, or 4V04
- **BIO Electives:** Choose 7 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.

- **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 Baylor Undergraduate Catalog.

*Students interested in teaching should contact the School of Education for more information about the Science Education minor.

**Students who take this will receive transfer credit and not need to retake it but will not receive upper level credit at Baylor.

Please see reverse side for important information on general requirements.
**PALO ALTO COURSE** | **BAYLOR COURSE** | **BAYLOR TITLE** | **PALO ALTO COURSE** | **BAYLOR COURSE** | **BAYLOR TITLE**
---|---|---|---|---|---
**ENGLISH:**
ENGL 1301 | ENG 1302 | Thinking and Writing | BIOL 2408 | BIO 1401 | Current Issues in Human Biology
ENGL 1302 | ENG 1304 | Thinking, Writing & Research | BIOL 2409 | BIO 1403 | Exploring the Living World
ENGL 2322 | ENG 2301 | British Literature | BIOL 2406 | BIO 1305-1105 | Modern Concepts of Bioscience
ENGL 2327 or 2328 | ENG 2504 | American Literature | BIOL 2407 | BIO 1306-1106 | Modern Concepts of Bioscience, Continued
ENGL 2332 or 2333 | ENG 2306 | World Literature | GEO 1401 | Environmental Geology

**FINE ARTS:** Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):
ARTS 1301 | ART 1300 | Introduction to Art | ARTS 1301 | ART 1300 | Introduction to Art
ARTS 1303 | ART 2302 | History of Art I | ARTS 1304 | ART 2303 | History of Art II
ARTS 1304 | ART 2303 | History of Art II | CLA 1380 | Classical Mythology |
FAS 2306 | Freshman Academic Seminar Fine Arts | COMM 1307 or 1335 | JOU/FDM 1303 | Introduction to Mass Communication |

**MUSH 1306 | MUS 1220 | Introduction to Music | MUSH 1322 | MUS 3322 | American Popular Music |
MUSH 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 1301 | THEA 1206 | Theatre Appreciation |
THEA 2374 | History of Theatre I |

**HISTORY:**
HIST 2332 | HIS 1305 | World History to 1500 |
HIST 2312 or 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.):
ANT 1305 | Introduction to Anthropology |
ANT 1325 | Introduction to Global Health |
ANT 2302 | The Emergence of World Civilizations |
ANT 3301 | Science, Society, and Culture |
ECON 1301 | ECO 1305 | Survey of Econ Princ. For Non-bus. Majors |
ECON 2306 | Principles of Microeconomics |
ECON 2307 | Principles of Macroeconomics |
FAS 1303 | Freshman Academic Seminar/Medicine |
FAS 1305 | Freshman Academic Seminar/Social Science |
GEOG 1303 | GEOG 1300 | World Geography |
HIST 1310 | Hon 1309 | Advanced Readings and Research Honors |
HON 3201 | Advanced Readings and Research Honors |
HON 3201 | Colloquium Honors |
HON 3201 | Colloquium Honors |
PHIL 2303 | PHI 1306 | Logic |
PHIL 1307 | PHI 1307 | Critical Thinking |
PHIL 2306 | PHI 1308 | Introduction to Ethics |
PHIL 1301 | PHI 1321 | Introduction to Philosophy |
PHIL 3311 | Moral Philosophy |
PHIL 3310 | History of Philosophy: Classical |
PHIL 3312 | History of Philosophy: Modern Europe |
PHL 3322 | Philosophy and the Arts (for Art majors) |
GOVT 2302 or 2303 | 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 2304 AND 2306 | PSC 2302 | American Constitutional Development |

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

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**LAB SCIENCE:** One course from each area:

**AREA 1:**
BIOL 1308 | BIO 1401 | Current Issues in Human Biology
BIOL 1305 | 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 | Environmental Geology
GEO 1405 | The Dynamic Earth
GEO 1406 | Earth Through Time
GEO 1408 | Earth Science
NSC 1306-1106 | Introduction to Neuroscience

**AREA 2:**
CHEM 1405 | CHEM 1305-1105 | Introduction to Chemistry
CHEM 1411 | CHEM 1301-1105** | Basic Principles of Chemistry I
CHEM 1412 | CHEM 1302-1102 | Basic Principles of Chemistry II
CHEM 1407 | CHEM 1341-1146 | Introductory Organic Chemistry
CHEM 1405** | CHEM 1405** | Chemistry & Society
PHY 1404 | Light, Vision and Optics
PHY 1405 | General Physics for BA Students
PHY 1407 | Sound and Acoustics
PHY 1420 | General Physics
PHY 1455 | Descriptive Astronomy

**AREA 3:**
A. A 3-4 hour lab science course from above or others in the fields of biology, chemistry, geology or physics OR
ANT 1405 | Intro to Evolution
BIOL 2406 | ENV 1305-1101 | Exploring Environment at Issues and lab
ENGL 1303-1103 | Wildlife Ecology and lab
FAS 1407 | Freshman Academic Seminar, Science

**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 residence work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)

**MODERN LANGUAGES:**

**Korean (KOR)**
**Spanish (SPA)**
**Greek (GRK)**
**Portuguese (POR)**
**Swahili (SWA)**
**Hebrew (HEB)**
**Russian (RUS)**

**CLASSICAL LANGUAGES:**

**Latin (LAT)**
**Greek (GK)**
**Hebrew (HEB)**

**Russian (RUS)**