### BAYLOR BOUND MAJOR ACADEMIC PLANNER

**Bachelor of Arts in Biology - Pre-Health Care**

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

#### Freshman Year

<table>
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<tr>
<th>Semester</th>
<th>Temple</th>
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<th>Temple</th>
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<td>Fall</td>
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<tr>
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<td>CHEM 1411</td>
<td>CHEM 1301-1101</td>
<td>Basic Principles of Modern Chemistry I with Lab</td>
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<td>CHEM 1412</td>
<td>CHEM 1302-1102</td>
<td>Basic Principles of Modern Chemistry II with Lab</td>
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<td>BIOL 1406</td>
<td>BIO 1305-1105</td>
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#### Sophomore Year

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<td>CHE 3332</td>
<td>Organic Chemistry II</td>
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<td>BIO 2306-2106</td>
<td>Genetics with Lab</td>
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#### Junior Year

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<td>PSC 2302</td>
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<td>Fine Art</td>
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<td>PHY 1409 or 1430</td>
<td>General Physics II</td>
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#### Senior Year

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<td>BIO 3425, 3429, 4308-4108, or 4426</td>
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<td>Advanced Elective*</td>
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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.

- 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.

- BIO Electives: Choose 8 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.

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

Please see reverse side for important information on general requirements.
BAYLOR COURSE | BAYLOR TITLE
---|---
ENGL 1301 | EN 1302 Thinking and Writing
ENGL 1302 | EN 1304 Thinking, Writing & Research
ENGL 2322 | ENG 2301 British Literature
ENGL 2327 or 2328 | ENG 2304 American Literature
ENGL 2332 or 2333 | ENG 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
HOU/FDM 1303 | Introduction to Mass Communication
MUSI 1306 | MUS 1220 Introduction to Music
MUS 1302 | MUS 2302 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
CSS 1304 | Argumentation, Discussion, and Debate
DRAM 1310 | THEA 1206 Theatre Appreciation
THEA 2374 | History of Theatre I

HISTORY:

HIS 1305 | World History to 1500
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 1325 Introduction to Cultural Anthropology
ANT 2302 | The Emergence of World Civilizations
ANT 3301 | Science, Society, and Culture
ECO 1305 | Survey of Econ Princ. For Non-Bus. Majors
ECO 2305 | Principles of Microeconomics
ECON 2305 | Principles of Macroeconomics
FAS 1303 | Freshman Academic Seminar Medicine...
FAS 1305 | Freshman Academic Seminar Social Science
GEOG 1300 or 1301 | GEOG 1300 World Geography
HON 3100 | Advanced Readings and Research Honors
HON 3010 | Advanced Readings and Research Honors
HON 3200 | Colloquium Honors
HON 3201 | Colloquium Honors
PHIL 2303 | PHI 1306 Logic
PHI 1307 | Critical Thinking
PHI 1308 | Introduction to Ethics
PHIL 1301 | PHI 1321 Introduction to Philosophy
PHI 1301 | PHI 3301 Moral Philosophy
PHI 3310 | History of Philosophy: Classical
PHI 3312 | History of Philosophy: Modern Europe
PHI 3322 | Philosophy and the Arts (for Art Majors)
GOVT 2302 or 2305 | PSC 1305 American National Government
GOVT 2301 or 2305 | PSC 1306 American State & Local Government
PSYC 2301 | PSC 1305 Introduction to Psychology
SOCI 1301 | SOC 1305 Introduction to Sociology

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

LAB SCIENCE: One courses from each area:

BIO 1401 | Current Issues in Human Biology
BIO 1403 | Exploring the Living World
BIO 1407 | Modern Concepts of Bioscience
BIO 1407* | Earthquakes & other Natural Disasters
BIO 1402 | World Oceans
BIO 1403* | Environmental Geology
BIO 1405* | The Dynamic Earth
BIO 1406 | Earth Through Time
BIO 1408 | Earth Science
CHE 1300-1100** | Introduction to Neuroscience
CHEM 1405 | CHE 1301-1100** Introduction to Chemistry
CHEM 1411 | CHE 1301-1101** Basic Principles of Chemistry I
CHEM 1312-1112 | CHE 1302-1102 Basic Principles of Chemistry II
CHE 1341-1146 | Introductory Organic Biochemistry
CHE 1405** | Chemistry & Society
PHY 1404 | Light, Vision & Optics
PHY 1407 | General Physics for B.A. Students
PHY 1420 | General Physics I
PHY 1455 | Descriptive Astronomy

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.)

MATH:

MATH 1332 | MTH 1301 Ideas in Mathematics
MATH 1320 | Pre-Calculus
MATH 2413 | MTH 1321 Calculus I
MATH 1442 | STA 1380 Elementary Statistics

TEMPLE COURSE | BAYLOR COURSE | BAYLOR TITLE
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ENGL 1406 | EN 1405 Introduction to Sociology
ENGL 1407 | EN 1406 World Literature
ENGL 1407 | EN 1406 World Literature
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ENGL 1407 | EN 1406 World Literature

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