

Bachelor of Arts in Biology - Pre-Health Care (BIC)*A Suggested Sequence of Required Courses (2012-2013 Catalog)***F r e s h m a n Y e a r**

Fall	Spring
_____ 0 Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____ 2 BIC 1212 Examined Life I	_____ 3 BIC 1324 World Cultures II
_____ 3 BIC 1314 World Cultures I	_____ 3 BIC 1323 Rhetoric II
_____ 4 BIC 1413 Rhetoric I	_____ 4 CHE 1301/1101* Chemistry I
_____ 3 MTH 1304 Pre-Calculus	_____ 3 MTH 1321 Calculus I
_____ 4 BIO 1305/1105* or 1405 (see below - Pre-Biology)	_____ 4 BIO 1306/1106 or 1406 (see below - Pre-Biology)
Total: 16	Total: 17

S o p h o m o r e Y e a r

Fall	Spring
_____ 3 BIC 2330 Social World I	_____ 3 BIC 2340 Social World II
_____ 3 BIC 2334 World Cultures III	_____ 3 BIC 2344 World Cultures IV
_____ 4 CHE 1302/1102 Chemistry II	_____ 4 PHY 1408/1420 Physics I
_____ 4 Foreign Language - 1401 (see reverse)	_____ 4 Foreign Language - 1402 (see reverse)
_____ 3 MTH 1322 (if PHY 1430 planned) or STA 2381	_____ 4 BIO 2306/2106 Genetics
Total: 17	Total: 18

J u n i o r Y e a r

Fall	Spring
_____ 3 Foreign Language - 2310	_____ 3 Foreign Language - 2320 (see reverse)
_____ 4 PHY 1409/1430 or 1409 Physics II	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____ 3 CHE 3331 Organic Chemistry I	_____ 3 CHE 3332 Organic Chemistry II
_____ 1 Human Performance	_____ 2 CHE 3238 Organic Chemistry Lab
_____ 4 BIO 3422 Human Physiology	_____ 4 BIO Elective
Total: 15	Total: 15

S e n i o r Y e a r

Fall	Spring
_____ 3 BIC 4374 World Cultures V	_____ 3 BIC 4389 Capstone
_____ 4 BIO 3429, 4426, or 4308/4108	_____ 3 BIO 4307 Cell Physiology
_____ 4 BIO Elective (see below)	_____ 0 BIO 4001 Exit Examination
_____ 1 Human Performance	_____ 3 Elective
_____ 3 Elective	_____ 3 Advanced Elective (Variable depending on hours)
	_____ 3 Advanced Elective (Variable depending on hours)
Total: 14	Total: 15

*All students must graduate with a minimum of 124 hours,
36 of which must be at the 3000/4000 level.*

*Submits petitions for NW I-II

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 a "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 at 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 areas 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 hrs. of electives. Maximum of 3 hrs. of Individual Topics may be used for elective credit.

- Students interested in teaching should contact the School of Education about the Science Education minor.

- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

- For more information, see the undergraduate catalog.

Name: _____

Date: _____

Please see reverse side for important information on general requirements.