

Bachelor of Science in Biology (BIC)

A Suggested Sequence of Required Courses (2017-2018 Catalog)

F r e s h m a n Y e a r			
Fall _____ 0 Chapel (CHA 1088) _____ 2 BIC 1212 Examined Life I _____ 3 BIC 1314 World Cultures I _____ 4 BIC 1413 Rhetoric I _____ 4 CHE 1301/1101 Chemistry I _____ 4 BIO 1305/1105 Biology I Total: 17	Spring _____ 0 Chapel (CHA 1088) _____ 3 BIC 1324 World Cultures II _____ 3 BIC 1323 Rhetoric II _____ 3 MTH 1321 Calculus I _____ 4 BIO 1306/1106 Biology II _____ 4 CHE 1302/1102 Chemistry II Total: 17		
S o p h o m o r e Y e a r			
Fall _____ 3 BIC 2330 Social World I _____ 3 BIC 2334 World Cultures III _____ 4 BIO 2306/2106 Genetics _____ 3 CHE 3331 Organic Chem I _____ 3 MTH 1322 or STA 2381 Total: 16	Spring _____ 3 BIC 2340 Social World II _____ 3 BIC 2344 World Cultures IV _____ 4 BIO Group 2 (see below) _____ 3 CHE 3332 Organic Chem II _____ 2 CHE 3238 Organic Chem Lab Total: 15		
J u n i o r Y e a r			
Fall _____ 3-4 Foreign Language - 1401/1301 _____ 4 PHY 1408/1420 Physics I _____ 4 GEO 1405 or 1406 _____ 4 BIO Group 1 (see below) Total: 15-16	Spring _____ 3-4 Foreign Language - 1402/1302 _____ 4 PHY 1409/1430 Physics II _____ 1 Lifetime Fitness _____ 3 BIC 3358 Biblical Heritage/Ethics _____ 3-4 BIO Group 3 (see below) Total: 14-16		
S e n i o r Y e a r			
Fall _____ 3 Foreign Language - 2310 (see reverse) _____ 3-4 BIO Elective (see below) _____ 3 Advanced Elective _____ 1 Lifetime Fitness _____ 3 Elective (Variable depending on hours) Total: 13-14	Spring _____ 3 Foreign Language - 2320 (see reverse) _____ 4 BIO Elective _____ 0 BIO 4001 Exit Examination _____ 3 Elective (Variable depending on hours) _____ 3 Advanced Elective Total: 13		

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

- This program is designed for students who desire a strong, diverse background in the sciences.
 - 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.
 - **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. A separate requirement is in place for students who wish to declare a prehealth care concentration (BA or BS plan) in Biology. In addition to the basic requirements above, these students must earn grades of B- or better in either BIO 1305 or 1405 and in either BIO 1306 or 1406 on their first attempt at the course. 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 will be eligible to declare biology as a major upon initial enrollment at Baylor provided that minimum grade requirements are met as outlined above. Students who receive 5 on the AP examination (all concentrations) will be eligible to declare biology as a major upon enrollment at Baylor. Students may only remain in the Pre-Biology designation until completion of 90 hours. Students who have not met the admission requirement at 90 hours will not advance to the biology major and must change degree programs.
 - A grade of "C-" or better in 31 hours of biology courses used for the major, a GPA of 2.0 or higher on all BIO courses, **AND** a C- in all non-Biology courses in the other fields of your audit is required.
- 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
 - Group 1 - at least four semester hours from: BIO 3425, 3429, 4416, 4308-4108, or 4426
 - Group 2 - at least four semester hours from : BIO 3422, 4307-4107, 4417, or 4431.
 - Group 3 - at least four semester hours from : BIO 3303-3103, 3324-3124, 4405, 4406, 4414, 4418, 4422, 4427, 4428, or 4V04.
 - BIO Electives: Choose 7 hours of electives. A maximum of 3 hours of Individual Topics may be used for elective credit.
 - For more information, see the undergraduate catalog.

*Because of the number of electives, there could be enough room for a minor with this major. Students interested in teaching should contact the School of Education for more information about the Science Education minor.