

## Bachelor of Science in Biology - Pre-Health Care (BIC)

*A Suggested Sequence of Required Courses (2015-2016 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	_____ 3	MTH 1321 Calculus
_____ 4	CHE 1301 Chemistry I/CHE 1101	_____ 4	CHE 1302 Chemistry II/CHE 1102
_____ 4	BIO 1305/1105 or 1405 (see below - Pre-Biology)	_____ 4	BIO 1306/1106 or 1406 (see below - Pre-Biology)
Total: 17		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
_____ 3	CHE 3331 Organic Chemistry I	_____ 3	CHE 3332 Organic Chemistry II
_____ 3	MTH 1322 or STA 2381	_____ 2	CHE 3238 Organic Chem Lab
_____ 4	BIO 2306/2106 Genetics	_____ 4	BIO 3422 Human Physiology
Total: 16		Total: 15	
J u n i o r Y e a r			
Fall		Spring	
_____ 3-4	Foreign Language - 1401 (see reverse)	_____ 3-4	Foreign Language - 1402 (see reverse)
_____ 4	PHY 1408/1420 Physics I	_____ 4	PHY 1409/1430 Physics II
_____ 1	Lifetime Fitness	_____ 3	BIC 3358 Biblical Heritage/Ethics
_____ 3	Biochemistry: CHE 4341 or BIO 4307	_____ 4	BIO Elective (see below)
_____ 3	Advanced Elective*		
Total: 14-15		Total: 14-15	
S e n i o r Y e a r			
Fall		Spring	
_____ 3	Foreign Language - 2310 (see reverse)	_____ 3	Foreign Language - 2320 (see reverse)
_____ 4	BIO 3429, 4426, or 4308/4108	_____ 3	BIO 4307 Cell Physiology (or earlier)
_____ 1	Lifetime Fitness	_____ 0	BIO 4001 Exit Examination
_____ 4	BIO Elective	_____ 3	Elective* (Variable depending on hours)
_____ 3	Elective* (Variable depending on hours)	_____ 3	Elective*
		_____ 3	Elective* (Variable depending on hours)
Total: 15		Total: 15	

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

### Notes:

- 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 hrs. of BIO 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. 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 hrs. of Individual Topics may be used for elective credit.
- 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.

\*Because of the number of electives, there is enough room for a minor with this major. Students interested in teaching should contact