

BAYLOR BOUND MAJOR ACADEMIC PLANNER

Bachelor of Science in Biology

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

Freshman Year							
Fall				Spring			
COLLIN	BU	Title	Hours	COLLIN	BU	Title	Hours
	CHA 1088	Chapel	0		CHA 1088	Chapel	0
ENGL 1301	ENG 1302	Thinking and Writing	3	ENGL 1302	ENG 1304	Thinking, Writing, and Research	3
See Reverse		Math	3	MATH 2413	MTH 1321	Calculus I	3
See Reverse		Foreign Language	4	See Reverse		Foreign Language	4
CHEM 1411	CHE 1301-1101	Basic Principles of Modern Chemistry I with Lab	4	CHEM 1412	CHE 1302-1102	Basic Principles of Modern Chemistry II with Lab	4
BIOL 1406	BIO 1305-1105	Modern Concepts of Bioscience I with Lab	4	BIOL 1407	BIO 1306-1106	Modern Concepts of Bioscience II with Lab	4
			18				18
Sophomore Year							
Fall				Spring			
COLLIN	BU	Title	Hours	COLLIN	BU	Title	Hours
MATH 2414	MTH 1322 or STA 2381	Calculus II or Introductory Statistics	3		REL 1350	Christian Heritage	3
	REL 1310	Christian Scriptures	3	See Reverse		Foreign Language	3
See Reverse		Foreign Language	3		CHE 3332	Organic Chemistry II	3
See Reverse		Lifetime Fitness	1		CHE 3238	Organic Chemistry lab	2
CHEM 2423	CHE 3331**	Organic Chemistry I	3		See Below	Biology Group 2	4
BIOL 2416	BIO 2306-2106	Genetics with Lab	4				15
			17				15
Junior Year							
Fall				Spring			
COLLIN	BU	Title	Hours	COLLIN	BU	Title	Hours
ENGL 2322	ENG 2301	British Literature	3	ENGL 2327, 2328 or 2332, 2333	ENG 2304 or 2306	American or World Literature	3
GEOL 1403 or 1404	GEO 1405 or 1406	The Dynamic Earth or Earth through Time	4	See Reverse		History/Social Science	3
	PHY 1408 or 1420	General Physics I	4	PHYS 2426	PHY 1409 or 1430	General Physics II	4
See Reverse		Lifetime Fitness	1	See Reverse		Lifetime Fitness	1
	See Below	Biology Group 1	4		See Below	Biology Group 3	4
			16				15
Senior Year							
Fall				Spring			
COLLIN	BU	Title	Hours	COLLIN	BU	Title	Hours
	See Below	Biology Elective	4		BIO 4001	Achievement Test	0
See Reverse		History/Social Science	3		See Below	Biology Elective	4
		Advanced Elective*	3	See Reverse	PSC 2302	American Constitutional Development	3
		Elective*	3	See Reverse		Lifetime Fitness	1
		Elective*	3			Advanced Elective*	3
			16			Advanced Elective*	3
			16			Elective*	3
			16				17

Notes:

- This program is designed for students who desire a strong, diverse background in the sciences.

- **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. 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 transfer to Baylor with credit on record 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 earn a score of 5 on the AP examination in Biology will be eligible to declare Biology (all concentrations) as a major upon enrollment. 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 **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, 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.

- English requirement: Students majoring in the sciences may take ENG 3300 instead of ENG 1304.

- For more information, see the Baylor Undergraduate Catalog.

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

**CHEM 2423 will count as CHE 2T01 organic chemistry I but will not count as advanced course work.

Please see reverse side for important information on general requirements.