

# BAYLOR BOUND MAJOR ACADEMIC PLANNER

## Bachelor of Science in Neuroscience

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

Freshman Year							
Fall				Spring			
TYLER	BU	Title	Hours	TYLER	BU	Title	Hours
	CHA 1088	Chapel	0		CHA 1088	Chapel	0
ENGL 1301	ENG 1302	Thinking and Writing	3		ENG 1304	Thinking, Writing, and Research	3
See Reverse		History/Social Science	3	See Reverse		Foreign Language	4
See Reverse		Foreign Language	4	BIOL 1407	BIO 1306-1106	Modern Concepts of Bioscience II with Lab	4
BIOL 1406	BIO 1305-1105	Modern Concepts of Bioscience I with Lab	4		NSC 1306-1106	Intro to Neuroscience with Lab	4
			14				15
Sophomore Year							
Fall				Spring			
TYLER	BU	Title	Hours	TYLER	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
See Reverse		Foreign Language	3	See Reverse		Foreign Language	3
See Reverse		Lifetime Fitness	1	CHEM 1412	CHE 1302-1102	Basic Concepts of Modern Chemistry II With Lab	4
	BIO 2306	Genetics	3		STA 2381	Statistical Methods	3
CHEM 1411	CHE 1301-1101	Basic Concepts of Modern Chemistry I With Lab	4		PSY 3318, 3330, 3350, 3406, 4329	Psychology Elective	3
MATH 2413	MTH 1321	Calculus I	3				
			17				16
Junior Year							
Fall				Spring			
TYLER	BU	Title	Hours	TYLER	BU	Title	Hours
	REL 1310	Christian Scriptures	3		REL 1350	Christian Heritage	3
See Reverse		Lifetime Fitness	1	See Reverse		Lifetime Fitness	1
	PHY 1408 or 1420	General Physics I	4	PHYS 1402	PHY 1409 or 1430	General Physics II	4
	NSC 3311-3111, 3320-3120, or 3323-3123	Neuroscience Elective	4			Elective	3
	NSC 3311-3111, 3320-3120, or 3323-3123	Neuroscience Elective	4		See Below	Advanced Elective	3
					NSC 3356	Neuropharmacology	3
			16				17
Senior Year							
Fall				Spring			
TYLER	BU	Title	Hours	TYLER	BU	Title	Hours
	See Below	NSC Elective	3		See Below	NSC Elective	3
	NSC 3319-3119	Clinical Neuroscience with Lab	4		NSC 4330-4130	Behavioral Neuroscience with Lab	4
	PSY 4400	Advanced Statistics	4	See Reverse	PSC 2302	American Constitutional Development	3
See Reverse		History/Social Science	3			Advanced Elective	3
See Reverse		Lifetime Fitness	1			Elective	3
			15				16

**Notes about major requirements:**

– **Pre-Major:** All students are admitted as a Pre-NSC major. Students may apply to be admitted into the NSC major when they have achieved certain requirements. Please see your catalog for those requirements.

**Important Note:** A student who earns a D or F in a PSY or NSC course may repeat the course. However, a student earning a second D or F in the same, or in a subsequent PSY or NSC course, will not be eligible to continue in the Psychology or Neuroscience major. The student may, however, be eligible to continue studies in another major in the University. Students who believe they have individual circumstances warranting an exception to these grade minimums and failure policies may appeal to the department chair.

– Neuroscience Electives: Choose two from NSC 3311, 3320, 3323, 3370, either 4317 or 4312, 4324, or 4V96.

– Special information regarding elective hours in neuroscience: Students planning on graduate study or medical school are strongly encouraged to obtain research experience. Several of the elective courses are research-oriented, but the principal course is 4V96 Special Topics, a variable credit course usually taken for three semester hours of credit twice. Students desiring to work with a professor should be aware that each faculty member has his/her own criteria for admitting students into the laboratory and for awarding academic credit. Most of the faculty require that you agree to work in the laboratory for three semesters—once as a volunteer and then twice for academic credit. As opportunities to work in a given lab are limited, students should make arrangements with a professor at the beginning of the junior year. See the Neuroscience Advisor for details about 4V96 and other elective courses.

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

– A grade of "C" or better is required in all psychology and/or neuroscience courses used for the major. A grade of "C" or better is also required for all of the non-psychology/non-neuroscience classes included as part of the major requirements. See the audit or undergraduate catalog for a list of these courses.

– For more information, see the Baylor Undergraduate Catalog.

**Please see reverse side for important information on general requirements.**

BACHELOR OF SCIENCE (BS) DEGREE CHECKLIST  
(2017-2018 BAYLOR UNDERGRADUATE CATALOG)

SOUTH TEXAS COURSE	BAYLOR COURSE	BAYLOR TITLE
<b>ENGLISH:</b>		
ENGL 1301	ENG 1302	Thinking and Writing
	ENG 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

<b>HISTORY/SOCIAL SCIENCE:</b>		
	ANT 1305	Introduction to Anthropology
	ANT 3301	Science, Society, and Culture
	ECO 1305	Survey of Eco. Princ. For Non-bus. Majors
ECON 2302	ECO 2306	Principles of Microeconomics
ECON 2301	ECO 2307	Principles of Macroeconomics
GEOG 1303	GEOG 1300	World Geography
	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
	PHI 1306	Logic
	PHI 1307	Critical Thinking
PHIL 2306	PHI 1308	Introduction to Ethics
	PHI 1321	Introduction to Philosophy
	PHI 3301	Moral Philosophy
	PHI 3310	History of Philosophy: Classical
	PHI 3312	History of Philosophy: Modern Europe
GOVT 2305	PSC 1305	American National Government
GOVT 2306	PSC 1306	American State & Local Government
PSYC 2301	PSY 1305	Introductory Psychology
SOCI 1301	SOC 1305	Introduction to Sociology

<b>POLITICAL SCIENCE:</b>		
GOVT 2305 AND 2306	PSC 2302	American Constitutional Development
(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.)		

**LIFETIME FITNESS: Four activity courses are required**

SOUTH TEXAS COURSE	BAYLOR COURSE	BAYLOR TITLE
<b>SCIENCE:</b>		
BIOL 1406	BIO 1305-1105	Modern Concepts of Bioscience
BIOL 1407	BIO 1306-1106	Modern Concepts of Bioscience, Continued
GEO 1403	GEO 1405	The Dynamic Earth
GEO 1404	GEO 1406	Earth Through Time
	NSC 1306-1106	Introduction to Neuroscience
CHEM 1411	CHE 1301-1101	Basic Principles of Chemistry I
CHEM 1412	CHE 1302-1102	Basic Principles of Chemistry II
	PHY 1408	Gen. Physics for Nat. & Behavioral Sci.I
PHYS 1402	PHY 1409	Gen. Physics for Nat. & Behavioral Sci.II
	PHY 1420	General Physics I
	PHY 1430	General Physics II
	ENV 1301-1101	Exploring Environmental Issues and lab
	ENV 1303-1103	Wildlife Ecology and lab

<b>MATH:</b>		
	MTH 1320	Pre-Calculus
MATH 2413	MTH 1321	Calculus I
MATH 2414	MTH 1322	Calculus II

**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.)

FREN 1411	FRE 1401	Elementary French I
FREN 1412	FRE 1402	Elementary French II
FREN 2311	FRE 2310	Intermediate French I
FREN 2312	FRE 2320	Intermediate French II
JAPN 1411	JPN 1401	Introductory Japanese
JAPN 1412	JPN 1402	Elementary Japanese
SPAN 1411	SPA 1401	Elementary Spanish I
SPAN 1412	SPA 1402	Elementary Spanish II
SPAN 2311	SPA 2310	Intermediate Spanish I
SPAN 2312	SPA 2320	Intermediate Spanish II

<b>Taught at Baylor; no equivalent course at Tyler</b>		
<b>Modern Languages:</b>		<b>Classical Languages:</b>
Arabic (ARB)	Korean (KOR)	Hebrew (HEB)
Chinese (CHI)	Portuguese (POR)	Greek (GKC)
German (GER)	Russian (RUS)	Latin (LAT)
Italian (ITA)	Swahili (SWA)	