

# BAYLOR BOUND MAJOR ACADEMIC PLANNER

## Bachelor of Science in Neuroscience

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

| Freshman Year  |  |   |       |                   |                                  |  |       |
|----------------|--|---|-------|-------------------|----------------------------------|--|-------|
| Fall           |  |   |       | Spring            |                                  |  |       |
| SOUTH TEXAS    | BU                                     | Title   | Hours | SOUTH TEXAS       | 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    |  | 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            |                                  |  |       |
| SOUTH TEXAS    | BU                                     | Title   | Hours | SOUTH TEXAS       | BU                               | Title  | Hours |
| ENGL 2321      | ENG 2301                               | British Literature                            | 3     | ENGL 2326 or 2331 | 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            |                                  |  |       |
| SOUTH TEXAS    | BU                                     | Title   | Hours | SOUTH TEXAS       | BU                               | Title  | Hours |
|                | REL 1310                               | Christian Scriptures                          | 3     |                   | REL 1350                         | Christian Heritage                             | 3     |
| See Reverse    |  | Lifetime Fitness                              | 1     | See Reverse       |                                  | Lifetime Fitness                               | 1     |
| PHYS 2425      | PHY 1408 or 1420                       | General Physics I                             | 4     |                   | 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     |
|                |  |   | 16    |                   | NSC 3356                         | Neuropharmacology                              | 3     |
|                |  |   | 16    |                   |                                  |  | 17    |
| Senior Year    |  |   |       |                   |                                  |  |       |
| Fall           |  |   |       | Spring            |                                  |  |       |
| SOUTH TEXAS    | BU                                     | Title   | Hours | SOUTH TEXAS       | 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         |
| ENGL 1302          | ENG 1304      | Thinking, Writing & Research |
| ENGL 2321          | ENG 2301      | British Literature           |
| ENGL 2326          | ENG 2304      | American Literature          |
| ENGL 2331          | ENG 2306      | World Literature             |

| <b>HISTORY/SOCIAL SCIENCE:</b> |           |   |
|--------------------------------|-----------|---|
| ANTH 2346                      | 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              |
|                                | ECO 2307  | Principles of Macroeconomics              |
|                                | GEOG 1300 | World Geography                           |
| HIST 2321                      | HIS 1305  | World History to 1500                     |
| HIST 2322                      | 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            |
| PHIL 2303                      | PHI 1306  | Logic                                     |
|                                | PHI 1307  | Critical Thinking                         |
| PHIL 2306                      | PHI 1308  | Introduction to Ethics                    |
| PHIL 2307                      | PHI 1321  | Introduction to Philosophy                |
|                                | PHI 3301  | Moral Philosophy                          |
|                                | PHI 3310  | History of Philosophy: Classical          |
|                                | PHI 3312  | History of Philosophy: Modern Europe      |
| GOVT 2302 or 2305              | PSC 1305  | American National Government              |
| GOVT 2301 or 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  |
| GEOL 1403          | GEO 1405      | The Dynamic Earth                         |
| GEOL 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  |
|                    | PHY 1409      | Gen. Physics for Nat. & Behavioral Sci.II |
| PHYS 2425          | 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  |

| <b>FOREIGN LANGUAGE: To be fulfilled with one of the following options:</b>   |          |                         |
|---|----------|-------------------------|
| A. Complete ONE Modern or Classical language through the 2320 level <b>OR</b>   |          |                         |
| 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.) |          |                         |
| 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 South Texas</b> |                  |                             |
|--|------------------|-----------------------------|
| <u>Modern Languages:</u>                                     |                  | <u>Classical Languages:</u> |
| Arabic (ARB)   | Japanese (JPN)   | Hebrew (HEB)                |
| Chinese (CHI)  | Korean (KOR)     | Greek (GKC)                 |
| French (FRE)   | Portuguese (POR) | Latin (LAT)                 |
| German (GER)   | Russian (RUS)    |                             |
| Italian (ITA)  | Swahili (SWA)    |                             |