

Bachelor of Science in Neuroscience w/ Pre-med (BIC)

A Suggested Sequence of Required Courses (2018-2019 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 (if eligible) Calculus I |
| _____ 4 CHE 1301/1101 Chemistry I | _____ 4 CHE 1302/1102 Chemistry II |
| _____ 4 NSC 1306/1106 Intro to Neuroscience | _____ 4 BIO 1305/1105 Biology I |
| Total: 17 | Total: 17 |

S u m m e r

_____ 4 BIO 1306/1106 Biology II

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 STA 2381 Intro. Statistical Methods | _____ 4 BIO 3422 or 3429 |
| _____ 3 BIO 2306 Genetics | _____ 3 CHE 3332 Organic Chemistry II |
| _____ 3 CHE 3331 Organic Chemistry I | _____ 2 CHE 3238 Organic Chemistry Lab |
| Total: 15 | Total: 15 |

J u n i o r Y e a r

_____ 4 PHY 1408 Physics I

J u n i o r Y e a r

| Fall | Spring |
|---|--|
| _____ 3-4 Foreign Language 1401/1412 | _____ 3-4 Foreign Language 1402/2310 |
| _____ 3 CHE 4341 Gen Biochem | _____ 4 PHY 1409 Physics II |
| _____ 4 NSC 3311/3111, 3320/3120, or 3323/3123 | _____ 3 NSC 3356 Neuropharmacology |
| _____ 4 NSC 3311/3111, 3320/3120, or 3323/3123 | _____ 3 PSY 3318, 3330, 3350, 3406, or 4329 |
| _____ 3 PSY 1305 Intro to Psych | |
| Total: 17-18 | Total: 13-14 |

S e n i o r Y e a r

| Fall | Spring |
|---|---|
| _____ 3 NSC Elective (see below) | _____ 3 NSC Elective (see below) |
| _____ 4 NSC 3319-3119 Clinical Neurosci. | _____ 4 NSC 4330/4130 Behavioral Neurosci. |
| _____ 4 PSY 4400 Advanced Statistics | _____ 1 Lifetime Fitness |
| _____ 3 Foreign Language 2310 | _____ 3 Foreign Language 2320 (see reverse) |
| _____ 1 Lifetime Fitness | _____ 3 BIC 3358 Biblical Heritage/Ethics |
| Total: 15 | Total: 14 |

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

Notes about major 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.

– **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 the catalog for those requirements.

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.

– A grade of "C" or better in psychology and/or neuroscience courses used for the major.

– Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.