

# **SAMPLE 4-YEAR PLAN: Neuroscience B.S.**

## **with NKU Occupational Therapy Prerequisites**

### Northern Kentucky University

This is **one way** a student can complete this program in four years if the student enters NKU with a mathematics ACT score of 22 or higher.

MAJOR: Neuroscience with NKU Occupational Therapy Prerequisites (highlighted in yellow).

TRACK: Electives will vary depending on track selected

FIRST YEAR	Fall Semester		Spring Semester	
	BIO 150 Introduction to Biology and BIO 150L Introduction to Biology Lab	4	BIO 151 Introduction to Biology II and BIO 151L Introduction to Biology II Laboratory	4
CHE 120 General Chemistry I and CHE 120L General Chemistry Lab I Laboratory	4	INF120 Elementary Programming	3	
ENG 101 College Writing	3	STA 205 Statistical Methods	3	
BIO 155 Orientation to Biology	1	CMST 101 Public Speaking	3	
NEU 101	3	PSY 100 Intro to Psychology	3	
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>	
SECOND YEAR	Fall Semester		Spring Semester	
Students must take one of four possible Philosophy core courses. The course option varies each semester.	BIO 291W Advanced Writing in Biology	3	PSY 338 OR PSY 510	3
	PSY 311 Biopsychology	3	BIO 402/L OR BIO 440/L OR NEU 401/L	4
	PSY 210 OR ANT 342	3-4	PHI core	3
	NEU 301/L OR NEU 302/L	4	PSY 311L OR PSY 338L	2
	Gen Ed Eng 102	3	Gen Ed Soc 100	3
	<b>TOTAL</b>	<b>16-17</b>	<b>TOTAL</b>	<b>15</b>
THIRD YEAR	Fall Semester		Spring Semester	
Experiential learning may be scheduled during Summer when there are additional opportunities for research, study abroad and internships.	NEU track elective	3-4	NEU track elective	3-4
	NEU track elective	3-4	NEU track elective	3-4
	SOC 100	3	Gen Ed	3-4
	PSY 321	3	PSY 333	3
	<b>TOTAL</b>	<b>12-14</b>	<b>TOTAL</b>	<b>12-15</b>
FOURTH YEAR	Fall Semester		Spring Semester	
The electives chosen should be from the appropriate course groups to fulfill the requirements for the selected track. In addition, you should make sure you have taken enough classes at the 300 level or above to satisfy the university requirement of 45 hours.	NEU track elective	3-4	NEU 491, 492, 495, 496 or 499 Experiential learning	3
	BIO 208 Human Anatomy and Physiology I	4	NEU 493 Neuroscience Seminar	1
	PHY 211*	5	NEU track elective	3-4
	BIO 272 Medical Terminology	3	BIO 209 Human Anatomy and Physiology II	4
			Elective	3-4
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>14-16</b>	
<b>GRAND TOTAL OF CREDITS</b>			<b>120-121</b>	
Notes: The elective list may be adjusted each year due to new course offerings. Students should consult with their adviser to ensure they are choosing elective that best match their career goals.				
*Prerequisite of MAT 119 or a minimal math ACT score of 25 or equivalent placement.				

### NKU OT Prerequisites

- Completion of the following prerequisite courses with a minimum grade of C and no more than two attempts in each prerequisite course.
  - Human Anatomy and Physiology with Labs (BIO 208 & 209)
  - Advanced College Writing (ENG 102)
  - General Physics with Lab (PHY 211)
  - Introduction to Psychology (PSY 100)
  - Introduction to Sociology (SOC 100)
  - Lifespan Development Psychology (PSY 321)
  - Abnormal Psychology (PSY 333)
  - Introduction to Statistics Methods (STA 205 or equivalent)
  - Medical Terminology (BIO 272)