

TRANSFER GUIDE FOR B.S. NEUROSCIENCE

IOWA

Department of Biology

TRANSFER RECOMMENDATIONS

Check website for equivalencies at your college: <https://myui.uiowa.edu/my-ui/courses/transfer.page>.

- ☐ CHEM:1110 Principles of Chemistry I
- ☐ CHEM:1120 Principles of Chemistry II
- ☐ Full sequence of introductory biology from one institution*
- ☐ PSY:1001 Elementary Psychology**
- ☐ MATH:1850 Calculus I
- ☐ Intermediate II of a world language (or 4 years in high school of one language)
- ☐ RHET:1030 (English Composition I, II and Public Speaking)
- ☐ Three additional General Education Courses***

Neuroscience 2-year plan after transfer (remaining courses):

<u>Semester 1</u> PSY:2701 Intro to Behavioral Neuroscience (4) PSY:2811 Research Methods I (3) PHYS:1511 College Physics I (4) Gen Ed: Understanding Cultural Perspectives (3) CSI:1600 Success at Iowa (1)	<u>Semester 2</u> Neuroscience Elective I (3-4) PSY:2812 Research Methods II (3) PHYS:1512 College Physics II (4) Neuroscience Elective II (3-4) Gen Ed
<u>Semester 3</u> PSY:2975 Intro to Cognitive Neuroscience (3) BIOL:3253 Neurobiology I (4) Neuroscience Elective III (3-4) Neuroscience Elective IV (3-4)	<u>Semester 4</u> BIOL:3254 Neurobiology II (4) Neuroscience Elective V (3-4) Neuroscience Investigative Laboratory (4) Gen Ed

These plans are guidelines to demonstrate the course requirements for the Neuroscience major. Hours may vary due to world language and math placements, AP or dual enrollment coursework, and actual classes transferred to UI. Students will need a total of 120 hours to complete a bachelor's degree. Review your transcripts with the Neuroscience advisor to create an individualized plan of study.

More Information: <https://clas.uiowa.edu/neuro>

*Communicate with the Biology Department regarding transfer biology credit. Usually, biology courses will only transfer if the full introductory sequence is completed. One of the biology courses is required while the other will count toward the five required Neuroscience electives.

**This course is not required for the major but is recommended for the social science GE.

***Refer to the CLAS website for GE requirements: <https://clas.uiowa.edu/clas-core/requirements>

THIS MAJOR IS JOINTLY ADMINISTERED BY THE DEPARTMENT OF BIOLOGY AND DEPARTMENT OF PSYCHOLOGICAL & BRAIN SCIENCES, IN COOPERATION WITH THE IOWA NEUROSCIENCE INSTITUTE.

PRE-MED PLAN

B.S. NEUROSCIENCE

TRANSFER RECOMMENDATIONS:

- ☐ CHEM:1110 Principles of Chemistry I
- ☐ CHEM:1120 Principles of Chemistry II
- ☐ Full sequence of introductory biology from one institution*
- ☐ PSY:1001 Elementary Psychology**
- ☐ SOC:1010 Introduction to Sociology**
- ☐ MATH:1850 Calculus I
- ☐ Organic Chemistry with Lab I and II***
- ☐ Intermediate II of a world language (or 4 years in high school of one language)
- ☐ RHET:1030 (English Composition I, II and Public Speaking)
- ☐ One additional General Education Course

Neuroscience 2-year plan after transfer (remaining courses):

<u>Semester 1</u> PSY:2701 Intro to Behavioral Neuroscience (4) PSY:2811 Research Methods I (3) PHYS:1511 College Physics I (4) Gen Ed: Understanding Cultural Perspectives (3) CSI:1600 Success at Iowa (1)	<u>Semester 2</u> Neuroscience Elective I (3-4) PSY:2812 Research Methods II (3) PHYS:1512 College Physics II (4) BMB:3110 Biochemistry (3) *** PSY:2130 Adv Psychology for Pre-Med (3) **
<u>Semester 3</u> PSY:2975 Intro to Cognitive Neuroscience (3) BIOL:3253 Neurobiology I (4) Neuroscience Investigative Laboratory (4) Two Gen Eds (6)	<u>Semester 4</u> BIOL:3254 Neurobiology II (4) Neuroscience Elective IV (3) Neuroscience Elective V (3) Two Gen Eds (6)

Pre-Med students should work with their major advisor and a Pre-Med advisor to develop an individualized plan of study. Students who come to UI with less than the above science transfer recommendations may take longer to graduate. Those students should plan to take the MCAT later with a gap year.

*Communicate with the Biology Department regarding transfer biology credit. Usually, biology courses will only transfer if the full introductory sequence is completed. One of the biology courses is required while the other will count toward the five required Neuroscience electives.

**Pre-Med Recommendations, not major requirements. Psychology or Sociology will count for the Social Science GE.

***Organic Chemistry I and Biochemistry will count toward two of the five Neuroscience electives.

Pre-Med advising at the University of Iowa: <https://advisingcenter.uiowa.edu/pre-medicine>