

TRANSFER GUIDE FOR B.S. NEUROSCIENCE

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>Hr.</u>	<u>Semester 1</u>	<u>Hr.</u>	<u>Semester 2</u>
4	PSY:2701 Intro to Behavioral Neuroscience	3	Neuroscience Elective
3	PSY:2811 Research Methods I	3	PSY:2812 Research Methods II
4	PHYS:1511 College Physics I	4	PHYS:1512 College Physics II
<u>3</u>	Gen Ed: Diversity and Inclusion	<u>3</u>	BIOC:3110 Biochemistry
14+	Additional elective hours if needed	13+	
<u>Hr.</u>	<u>Semester 3</u>	<u>Hr.</u>	<u>Semester 4</u>
3	Intro to Cognitive Neuroscience	3	BIOL:3254 Neurobiology II
4	BIOL:3253 Neurobiology I	4-5	Neuroscience Elective
3	Laboratory Course	3	Neuroscience Elective
<u>3</u>	Gen Ed	<u>3</u>	Gen Ed
13+		13+	

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 four 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>Hr.</u>	Semester 1	<u>Hr.</u>	Semester 2
4	PSY:2701 Intro to Behavioral Neuroscience	3	Neuroscience Elective
3	PSY:2811 Research Methods I	3	PSY:2812 Research Methods II
4	PHYS:1511 College Physics I	4	PHYS:1512 College Physics II
<u>3</u>	Gen Ed: Diversity and Inclusion	3	BIOC:3110 Biochemistry
14		<u>3</u>	PSY:2130 Adv Psychology for Pre-Med*
		16	
Take MCAT spring/summer after junior year. Apply to medical school summer after junior year.			
<u>Hr.</u>	Semester 3	<u>Hr.</u>	Semester 4
3	Intro to Cognitive Neuroscience	3	BIOL:3254 Neurobiology II
4	BIOL:3253 Neurobiology I	3	Neuroscience Elective
4-5	Laboratory Course	3	Neuroscience Elective
<u>6</u>	Two Gen Eds	<u>6</u>	Two Gen Eds
17-18		15	

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 have to take the MCAT later and plan a gap year, and/or finish in three years at UI instead of two.

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

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