

TRANSFER PLANNING WORKSHEET: 2020-2021



NORTH CENTRAL COLLEGE 1861

FOR PLANNING USE ONLY – NOT AN OFFICIAL DEGREE AUDIT

Student Name: _____ North Central ID# _____ College Representative: _____ Date: _____

Your guide for transferring:

- Some courses may have pre-requisites; please consult the course catalog.
- At least 64 credit hours must be taken at a four-year institution; at least 128 credit hours are required for graduation.
- One course may fulfill a requirement in up to three different designations.
- Transfer students with an earned Associate of Arts or Associate of Science will only need to fulfill the Transfer Seminar, Well-Being, and Senior Seminar (indicated with *).

GENERAL EDUCATION

	Requirement	Course Number/Title	Credit	Grade
Core Requirements <small>May be fulfilled at NCC or through approved transfer courses</small>	Composition	ENGL 1101 @ COD		
	Writing Intensive	Completed in major		
	Public Speaking	SPEE 1100 @ COD		
	Fine Arts	Any "ART" in guide		
	Humanities	Any "HUM" in guide		
	Social Science	Any "SOC" in guide		
	Science	Completed in major		
	Quantitative Analysis	Completed in major		
	Power Structures	Any "POW" in guide		
	Ethical Dimensions	Completed in major		
	Global Understanding	Any "GLO" in guide		
	Icons <small>Transfers with 28 or more transferable credit hours at entry are exempt</small>	Exempt if transferring with more than 28 credit hours		
Well Being*	BUSI 1120, ECON 1110, or PE 2251 @ COD			
NCC Reqs.	Transfer Seminar* <small>Must be taken at NCC</small>			
	Senior Seminar* <small>Must be taken at NCC</small>			

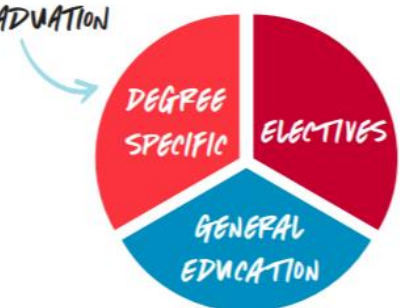
ELECTIVES

Course Number/Title	Credit	Grade

DEGREE-SPECIFIC REQUIREMENTS

B.A. – Foreign Language	<ul style="list-style-type: none"> • 3 years H.S. with "B" average or • MCL 102 or equivalent or • Designated Study Abroad or • LANG 390 or CLSS 190 (available only to transfers entering with a minimum of 51 transferable credits) <p><i>Some majors may require courses in addition to foreign language</i></p>
B.S.	<ul style="list-style-type: none"> • Determined by individual major
B.B.A.	<ul style="list-style-type: none"> • Determined by individual major
B.M.E.	<ul style="list-style-type: none"> • Determined by individual major

128 CREDITS NEEDED FOR GRADUATION



Additional Notes: COD course substitution guide: https://www.northcentralcollege.edu/sites/default/files/C_DuPage2020.pdf

Transfer Planning Worksheet 2020-2021



**NORTH CENTRAL
COLLEGE 1861**

Student Name: _____ North Central ID# _____ College Representative: _____ Date: _____

Neuroscience, Molecular Track, B.A.

Neuroscience—an interdisciplinary study of the nervous system—advances the understanding of human thought, emotion and behavior. Neuroscientists use tools ranging from computers to special dyes to examine molecules, nerve cells, networks and brain systems to gain a better understanding of how the nervous system affects human health and behavior.

As a neuroscience major at North Central College, you'll study cellular and molecular biology, chemistry, psychology and other areas. You'll learn the ins and outs of brain function and the nervous system function, build critical thinking and problem-solving skills, and gain hands-on experience that sets you up for success in your career. We offer the extraordinary opportunity to major in neuroscience and we will help you gain an edge in this emerging field.

Major Requirements

Core Courses			
Course Name	Equivalent	Credit	Grade
NEUR 100 - Introduction to Neuroscience			
NEUR 200 - Behavioral Neuroscience	PSYC 2205 @ COD		
PSYC 250 - Statistics	MATH 1635, PSYC 2280, or SOCI 2205 @ COD		
PSYC 255 - Research Design and Experimentation	PSYC 1180 @ COD		
PSYC 293 - Careers in Psychology and Neuroscience			
CHEM 121 - General Chemistry I	CHEM 1551 @ COD		
CHEM 122 - General Chemistry II	CHEM 1552 @ COD		
Capstone			
Four credits from one of the following:			
Course Name	Equivalent	Credit	Grade
NEUR 490 - Seminar			
NEUR 495 - Neuroscience in the Community			
NEUR 497 - Internship			
NEUR 498 - Senior Thesis			
Note: *PSYC 490 with a neuroscience topic may substitute for NEUR 490.			
Molecular Track Courses			
Course Name	Equivalent	Credit	Grade
NEUR 310 - Advanced Molecular Neuroscience			
NEUR 311 - Neuroethics in Molecular Neuroscience			
BIOL 210 - Cells and Systems	BIOL 2151 @ COD		
Molecular Neuroscience Electives			
Two of the following:			
Course Name	Equivalent	Credit	Grade
NEUR 280 - Drugs and Behavior			
NEUR 300 - Advanced Behavioral Neuroscience			
BCHM 365 - Principles of Biochemistry			
BIOL 201 - Anatomy and Physiology I	ANAT 1551 or ANAT 1571 @ COD		
BIOL 202 - Anatomy and Physiology II	ANAT 1552 or ANAT 1572 @ COD		
BIOL 230 - Genes and Genomics			
BIOL 315 - Animal Physiology			
BIOL 360 - Molecular Biology of Cancer			
BIOL 410 - Animal Behavior			
CSC 160 - Introduction to Computer Programming	CIS 2485, 2531, 2541, 2571, or 2572 @ COD		

PHIL 250 - Philosophy of Mind			
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Additional Requirements for the B.A. Degree

Foreign Language

Students must demonstrate elementary competence in a foreign language. For more information, see the B.A. Degree Requirements within the Academic Regulations section of this catalog.

One of the following:

Choose a course that was not taken as part of the major's required or elective course work.

Course Name	Equivalent	Credit	Grade
INFS 110 - Introduction to Data Analysis, Modeling and Presentation	CIS 1222 @ COD		
PHIL 250 - Philosophy of Mind			
Additional Writing Intensive course			
Study Abroad or May term course			

Neuroscience, Molecular Track, B.S.

Neuroscience—an interdisciplinary study of the nervous system—advances the understanding of human thought, emotion and behavior. Neuroscientists use tools ranging from computers to special dyes to examine molecules, nerve cells, networks and brain systems to gain a better understanding of how the nervous system affects human health and behavior.

As a neuroscience major at North Central College, you'll study cellular and molecular biology, chemistry, psychology and other areas. You'll learn the ins and outs of brain function and the nervous system function, build critical thinking and problem-solving skills, and gain hands-on experience that sets you up for success in your career. We offer the extraordinary opportunity to major in neuroscience and we will help you gain an edge in this emerging field.

Major Requirements

Core Courses			
Course Name	Equivalent	Credit	Grade
NEUR 100 - Introduction to Neuroscience			
NEUR 200 - Behavioral Neuroscience	PSYC 2205 @ COD		
PSYC 250 - Statistics	MATH 1635, PSYC 2280, or SOCI 2205 @ COD		
PSYC 255 - Research Design and Experimentation	PSYC 1180 @ COD		
PSYC 293 - Careers in Psychology and Neuroscience			
CHEM 121 - General Chemistry I	CHEM 1551 @ COD		
CHEM 122 - General Chemistry II	CHEM 1552 @ COD		
Capstone			
Four credits from one of the following:			
Course Name	Equivalent	Credit	Grade
NEUR 497 - Internship			
NEUR 498 - Senior Thesis			
Molecular Track Courses			
Course Name	Equivalent	Credit	Grade
NEUR 310 - Advanced Molecular Neuroscience			
NEUR 311 - Neuroethics in Molecular Neuroscience			
BIOL 210 - Cells and Systems	BIOL 2151 @ COD		
Electives			
Two of the following:			
Course Name	Equivalent	Credit	Grade
NEUR 280 - Drugs and Behavior			
NEUR 300 - Advanced Behavioral Neuroscience			
BCHM 365 - Principles of Biochemistry			
BIOL 201 - Anatomy and Physiology I	ANAT 1551 or ANAT 1571 @ COD		
BIOL 202 - Anatomy and Physiology II	ANAT 1552 or ANAT 1572 @ COD		
BIOL 230 - Genes and Genomics			
BIOL 315 - Animal Physiology			
BIOL 360 - Molecular Biology of Cancer			
BIOL 410 - Animal Behavior			
CSCE 160 - Introduction to Computer Programming	CIS 2485, 2531, 2541, 2571, or 2572 @ COD		
PHIL 250 - Philosophy of Mind			
Additional Requirements for the B.S. Degree			
One of the following:			
Course Name	Equivalent	Credit	Grade
PSYC 360 - Psychological Assessment			
MATH 151 - Calculus I	MATH 2231 @ COD		

Eight credit hours from the following:

Choose courses that were not taken as part of the major's required or elective course work.

Course Name	Equivalent	Credit	Grade
NEUR 280 - Drugs and Behavior			
NEUR 300 - Advanced Behavioral Neuroscience			
PSYC 340 - Learning			
PSYC 345 - Cognitive Psychology			
BCHM 365 - Principles of Biochemistry			
BIOL 201 - Anatomy and Physiology I	ANAT 1551 or ANAT 1571 @ COD		
BIOL 202 - Anatomy and Physiology II	ANAT 1552 or ANAT 1572 @ COD		
BIOL 230 - Genes and Genomics			
BIOL 315 - Animal Physiology			
BIOL 360 - Molecular Biology of Cancer			
BIOL 410 - Animal Behavior			
CHEM 251 - Organic Chemistry I	CHEM 2551 @ COD		
CHEM 252 - Organic Chemistry II	CHEM 2552 @ COD		
PHYS 161 - Physics I: Mechanics and Heat	PHYS 2111 @ COD		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHYS 2112 @ COD		