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 *).
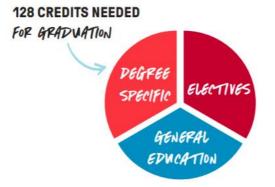
GENERAL EDUCATION

	Requirement	Course Number/Title	Credit	Grade
Core Requirements *May be fulfilled at NCC or through approved transfer courses*	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	Any "SCI" in guide		
	Quantitative Analysis	Completed in major		
	Power Structures	Any "POW" in guide		
	Ethical Dimensions	Any "ETH" in guide		
	Global Understanding	Any "GLO" in guide		
	Icons *Transfers with 28 or more transferable credit hours at entry are exempt*	Exempt if transferring with more than 28 credit hours		
	Well Being*	BUSI 1120, ECON 1110, or PE 2251 @ COD		
NCC Reqs.	Transfer Seminar* *Must be taken at NCC*			
	Senior Seminar* *Must be taken at NCC*			

ELECTIVES

Course Number/Title	Credit	Grade

DEGREE-SPECIFIC REQUIREMENTS

B.A. – Foreign Language	• 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**) *Some majors may require courses in addition to foreign language*
B.S.	• Determined by individual major
B.B.A.	• Determined by individual major
B.M.E.	• Determined by individual major

128 CREDITS NEEDED FOR GRADUATION

DEGREE SPECIFIC / ELECTIVES / GENERAL EDUCATION

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:_____

Mathematics, B.A.

You'll receive all the help, advice and personal attention you need, thanks to our accessible professors and small classes. North Central's math faculty members are committed to involving you in their research projects, so you'll also get valuable firsthand experiences. Our pure mathematics major is renowned for preparing high school and middle school math teachers and for maintaining an extensive network of school contacts. Other math majors go on to work in various fields in industry and technology, or to graduate school to prepare for a career in higher education, teaching, and research.

Major Requirements

Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I	MATH 2231 @ COD		
MATH 152 - Calculus II	MATH 2232 @ COD		
MATH 253 - Calculus III	MATH 2233 @ COD		
MATH 280 - The Nature of Proof in Mathematics	MATH 2300 @ COD		
MATH 300 - Linear Algebra	MATH 2245 @ COD		
MATH 310 - History of Mathematics			
MATH 390 - Research Methods			
MATH 421 - Abstract Algebra I			
MATH 461 - Real Analysis I			
MATH 490 - Seminar in Advanced Mathematics			

Two of the following:

Course Name	Equivalent	Credit	Grade
MATH 260 - Introduction to Mathematical Statistics			
MATH 305 - College Geometry			
MATH 315 - Ordinary Differential Equations	MATH 2270 @ COD		
MATH 320 - Complex Variables			
MATH 340 - Probability			
MATH 422 - Abstract Algebra II			
MATH 462 - Real Analysis II			
MATH 470 - Topology			
*Cannot take both MATH 260 and MATH 340.			

Note:

Students seeking teaching licensure must also complete the Secondary Education major requirements as well as the following courses:

MATH 305 - College Geometry
MATH 260 - Introduction to Mathematical Statistics

Additional Requirements for the B.A. Degree

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.

Mathematics, B.S.

You'll receive all the help, advice and personal attention you need, thanks to our accessible professors and small classes. North Central's math faculty members are committed to involving you in their research projects, so you'll also get valuable firsthand experiences. Our pure mathematics major is renowned for preparing high school and middle school math teachers and for maintaining an extensive network of school contacts. Other math majors go on to work in various fields in industry and technology, or to graduate school to prepare for a career in higher education, teaching, and research.

Major Requirements

Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I	MATH 2231 @ COD		
MATH 152 - Calculus II	MATH 2232 @ COD		
MATH 253 - Calculus III	MATH 2233 @ COD		
MATH 280 - The Nature of Proof in Mathematics	MATH 2300 @ COD		
MATH 300 - Linear Algebra	MATH 2245 @ COD		
MATH 320 - Complex Variables			
MATH 390 - Research Methods			
MATH 421 - Abstract Algebra I			
MATH 461 - Real Analysis I			
MATH 490 - Seminar in Advanced Mathematics			
CSCE 160 - Introduction to Computer Programming	CIS 2485, 2531, 2541, 2571, or 2572 @ COD		
CSCE 210 - Data Structures	CIS 2542 @ COD		

One of the following:

Course Name	Equivalent	Credit	Grade
MATH 260 - Introduction to Mathematical Statistics			
MATH 315 - Ordinary Differential Equations	MATH 2270 @ COD		
MATH 340 - Probability			

Two of the following:

Course Name	Equivalent	Credit	Grade
MATH 422 - Abstract Algebra II			
MATH 462 - Real Analysis II			
MATH 470 - Topology			

One of the following:

Computer Science

A minor in Computer Science.

Physics

Course Name	Equivalent	Credit	Grade
PHYS 161 - Physics I: Mechanics and Heat	PHYS 2111 @ COD		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHYS 2112 @ COD		

Chemistry

Course Name	Equivalent	Credit	Grade
CHEM 121 - General Chemistry I	CHEM 1551 @ COD		
CHEM 122 - General Chemistry II	CHEM 1552 @ COD		