TRANSFER PLANNING WORKSHEET: 2020-2021



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	Completed in major		
	Quantitative Analysis	Completed in major		
	Power Structures	Any "POW" in guide		
	Ethical Dimensions	Any "ETH" in guide		
	Global Understanding	Any "GLO" in guide		
	lcons 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			

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

ELECTIVES

Course Number/Title	Credit	Grade

128 CREDITS NEEDED



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



Student Name:

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Date:

Chemistry, ACS-Certified, B.S.

Chemists study the structure and transformations of matter, detect and quantify chemical species, and create new substances. A degree in chemistry prepares a student for employment in a private or government laboratory; continuing studies in medical, pharmacy, dental, veterinary or law school; secondary school teaching; a position in business; or graduate study and research in the sciences or engineering. The ACS-certified Chemistry B.S. degree is the curriculum approved by the American Chemical Society and allows students more depth where they work to master the theoretical and applied aspects of chemistry.

Major Requirements

Core Courses			
Course Name	Equivalent	Credit	Grade
CHEM 121 - General Chemistry I	CHEM 1551 @ COD		
CHEM 122 - General Chemistry II	CHEM 1552 @ COD		
CHEM 251 - Organic Chemistry I	CHEM 2551 @ COD		
CHEM 252 - Organic Chemistry II	CHEM 2552 @ COD		
CHEM 301 - Descriptive Inorganic Chemistry			
CHEM 310 - Chemical Analysis			
CHEM 340 - Thermodynamics and Kinetics			
CHEM 345 - Quantum Chemistry and Spectroscopy			
CHEM 391 - Seminar I			
CHEM 392 - Seminar II			
CHEM 401 - Advanced Inorganic Chemistry			
CHEM 485 - Senior Research Capstone			
CHEM 493 - Seminar III			
BCHM 365 - Principles of Biochemistry			
Characterization Courses			
Two of the following:			
Course Name	Equivalent	Credit	Grade
CHEM 311 - Separation Methods			
CHEM 312 - Spectrometry and Spectroscopy			
CHEM 313 - Materials and Surface Analysis			
CHEM 315 - Spectral Interpretation			
Advanced Electives			
Three credit hours from the following:			
Course Name	Equivalent	Credit	Grade
CHEM 311 - Separation Methods (if not taken for the Characterization category)			
CHEM 312 - Spectrometry and Spectroscopy (if not taken for the Characterization category)			
CHEM 313 - Materials and Surface Analysis (if not taken for the Characterization category)			
CHEM 315 - Spectral Interpretation (if not taken for the Characterization category)			
CHEM 451 - Advanced Organic Chemistry			
CHEM 455 - Organometallic Chemistry			
CHEM 490 - Special Topics			
MECH 210 - Materials Science I			
PHYS 200 - Electronic Instrumentation for Scientists			
PHYS 310 - Data Acquisition with LabVIEW			
PHYS 320 - Physics of Solids			

PHYS 440 - Quantum Mechanics					
Additional Requirements for the B.S. Degree					
Course Name	Equivalent	Credit	Grade		
MATH 151 - Calculus I	MATH 2231 @ COD				
MATH 152 - Calculus II	MATH 2232 @ COD				
Physics Sequence One of the following sequences:					
Non-Calculus					
Course Name	Equivalent	Credit	Grade		
PHYS 131 - Physics I (Non-Calculus)	PHYS 1201 @ COD				
PHYS 132 - Physics II (Non-Calculus)	PHYS 1202 @ COD				
Calculus-Based					
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				