



TRANSFER GUIDE

Normandale Community College to Concordia University, St. Paul Bachelor of Arts in Chemistry



Step 1: Complete an AA or AS degree at Normandale
AS Chemistry Transfer Pathway or AS Health Sciences Broad Field preferred



Step 2: Complete the MnTC Goal Areas not met by the AS degree and remaining elective credits through NCC or CSP* (*6-8 credits Theology must be completed at CSP*)



Step 3: Complete the remaining requirements at Concordia University.*

BA Chemistry at Concordia University, St. Paul	Credit	CSP Notes	Normandale Course Option
Prerequisites from General Education			
PHS 221 General Physics I (Calc Based)	4	Prerequisite	PHYS 1121 Physics 1 Scientists and Engineers
MAT 110 Intro. to Prob. and Statistics	3	Prerequisite	MATH 1080 Introduction to Statistics
BIO 120 General Biology I	4	Prerequisite	BIOL 1501 Principles of Biology 1
CHE 115 General Chemistry I	4	Prerequisite	CHEM 1061 Principles of Chemistry 1
Required Major Credits and Major Elective Options <i>Bachelor of Arts Chemistry Majors may choose to complete up to 20 major credits at NCC*</i>			
MAT 135 Calculus I	4	Requirement	MATH 1510 Calculus I
CHE 116 General Chemistry II	4	Requirement	CHEM 1062 Principles of Chemistry 2
CHE 221 Organic Chemistry I	4	Requirement	CHEM 2061 Organic Chemistry 1
CHE 222 Organic Chemistry II	4	Requirement	CHEM 2062 Organic Chemistry 2
CHE 326 Analytical Chemistry I	4	Requirement	CHEM 1062 Quantitative Analysis
CHE 328 Biochemistry	4	Requirement	<i>*Must be completed at CSP</i>
CHE 341 Thermodynamics	4	Requirement	<i>*Must be completed at CSP</i>
PHS 222 General Physics II (Calc Based)	4	Requirement	PHYS 1122 Physics 2 Scientists and Engineers
Select one: SCI 435 Research and Techniques or SCI 455 Research in Science CHE 498 Internship in Chemistry	4	Requirement	<i>*Must be completed at CSP</i>
CHE XXX Chemistry Elective Course	4	Major Elective	<i>*Must be completed at CSP</i>
*see www.csp.edu/transfer for important transfer policies			

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