



## Chemistry A.S. Transfer Pathway

## North Hennepin Community College

This guide is intended for students completing the Chemistry A.S. Transfer Pathway. Students who do not intend to complete the 60-credit program should contact Kaia Sherburne at [ksherburne01@hamline.edu](mailto:ksherburne01@hamline.edu) for course selection advice. All courses must be completed with a C- or better to transfer. For graduate school, courses should be graded a B or better.

The table below lists the North Hennepin courses that have approved equivalencies at Hamline or fulfill requirements for the Chemistry B.S. major and general graduation requirements.

North Hennepin Community College Course	Hamline Plan	Credits	Hamline University Course
CHEM 1061 Principles of Chemistry I	N1	4	CHEM 1130 General Chemistry I w/lab
CHEM 1062 Principles of Chemistry II	N1	4	CHEM 1140 General Chemistry II w/lab
CHEM 2061 Organic Chemistry I	N1	5	CHEM 3450 Organic Chemistry I
CHEM 2062 Organic Chemistry II	N1	5	CHEM 3460 Organic Chemistry II
MATH 1221 Calculus I	R, M	5	MATH 1170 Calculus I
MATH 1222 Calculus II	R, M	5	MATH 1180 Calculus II
PHYS 1601 General Physics I	N1	5	PHYS 1230 General Physics I w/lab
PHYS 1602 General Physics II	N1	5	PHYS 1240 General Physics II w/lab
Goal 1			
ENGL 1200 Gateway College Writing or ENGL 1201 College Writing 1*		4 4	FYW 1110 Critical Reading & Composition
AND			
ENGL 1202 College Writing 2*	E	2	FYW 1120 First Year Writing
COMM 1010 Fundamentals of Public Speaking	O	3	COMM 1110 Public Speaking
Goal 2 - fulfilled by completing this degree			
Goal 3 - completed by pathway requirements			
Goal 4 - completed by pathway requirements			
Goal 5 - PSYC 1150 General Psychology**	S	3	PSY 1330 General Psychology
SOC 1110 Introduction to Sociology**	D,S	3	SJSC 1110 Society and Change
Goal 6 - minimum of three credits			
Examples:			
ART 1401 Drawing I	F	3	
ART 1040 Art Appreciation	F, G	3	
PHIL 1020 Ethics	H	3	PHIL 1140 Ethics
ENGL 2320 Writing: From Structure to Style	H, D	3	
Goals 7-10 - minimum of three credits			
Examples:			
ANTH 1010 Cultural Anthropology	G, S	3	
ART 1040 Art Appreciation	F, G	3	
GCST 1040 American Indian Culture	D	3	
At least one (1) additional elective credit		1	
Total credits for A.S. degree		60	
*Recommended for Hamline University			
**Transferred in from completion of pathway			

Remaining major courses for Chemistry B.S. degree (American Chemical Society approved)	Credits
CHEM 3240 Analytical Chemistry w/lab (Hamline Plan C, W)	4
CHEM 3330 Instrumental Methods	4
CHEM 3940 Advanced Laboratory Ty	

**Hamline Plan**

E - Expository Writing

O - Speaking Intensive

R - Formal Reasoning

M - Quantitative Reasoning

F - Fine Arts

H - Humanities

N - Natural Science (N1 lab, N2 non-lab)

S - Social Science

G - Global Citizenship

D - Diversity

C - Collaboration

W - Writing Intensive

Q - Independent Critical Inquiry and Information Literacy

P - LEAP: Liberal Education As Practice