

**Connors State College A.S. in Multidisciplinary Studies in S.T.E.M.  
to  
Northeastern State University B.S. in Chemistry, Biochemistry Track**

**62-61 Credit Hours at CSC + 60 Credit Hours at NSU = 122-121 Total Credit Hours**

**Transfer Map Catalog Year: 2025-2026**

**University Campus Locations: Tahlequah**

**Note to Students:** This plan shows one possible grouping of courses in Fall and Spring semesters that would allow students to graduate in 2 years with an Associate of Science in Multidisciplinary Studies in S.T.E.M. and potentially transfer to a university. Please refer to a degree plan in the course catalog for official requirements to graduate. Students are encouraged to consult with Connors State College Student Success Coaches each semester to verify that courses selected each semester fulfill the degree plan and satisfy the student's educational goals. Students are responsible for understanding the program/admission/transfer requirements for the university and for completing requirements in the official degree sheet for each major.

<b>Connors State College – SEMESTER ONE</b>		
<b>CSC Course</b>	<b>NSU Course</b>	<b>Credit Hours</b>
ENGL 1113 Comp I	ENGL 1113 English Composition I	3
MATH 1513 PreCalculus Algebra	MATH 1513 College Algebra	3
EDUC 1111 College Orientation or EDUC 1113 Strategies for Success	UNIV 1003 University Strategies	1-3
COMS 1133 Fundamentals of Computer Usage	CS 1003 Computers in Modern Society	3
BIOL 1114 General Biology	BIOL 1013 and BIOL 1011 Introductory Biology I and Lab	4
<b>Semester Credit Hours at CSC:</b>		<b>14-16</b>

<b>Connors State College – SEMESTER TWO</b>		
<b>CSC Course</b>	<b>NSU Course</b>	<b>Credit Hours</b>
ENGL 1213 Comp II	ENGL 1213 English Composition II	3
HIST 1483 American Hist Survey to 1877 or HIST	HIST 1483 American History to	3

1493 US History since 1865	1877 or HIST 1493 American History since 1877	
MATH 1715 College Algebra and Trigonometry* or MATH 1613 Plane Trigonometry	MATH 1714 Precalculus or MATH 1613 Plane Trigonometry	5-3
PSYC 1113 Introduction to Psychology or SOCI 1113 Introduction to Sociology	PSYC 1113 Introduction to Psychology or SOC 1113 Introduction to Sociology	3
COMS 1533 Spreadsheet Analysis	Open Elective	3
<b>Semester Credit Hours at CSC:</b>		<b>17-15</b>

*\* only if student has not taken Pre-Calculus the first semester*

<b>Connors State College – SEMESTER THREE</b>		
<b>CSC Course</b>	<b>NSU Course</b>	<b>Credit Hours</b>
3 hours Humanities (H)	3 hours NSU Humanities	3
POLS 1113 American Federal Government	POLS 1113 American Federal Government	3
CHEM 1315 General Chemistry I	CHEM 1123 & 1131 General Chemistry I	5
MATH 2214 Calculus I	MATH 2614 Calculus I	4
<b>Semester Credit Hours at CSC:</b>		<b>15</b>

<b>Connors State College – SEMESTER FOUR</b>		
<b>CSC Course</b>	<b>NSU Course</b>	<b>Credit Hours</b>
3 hours Humanities (H)	3 hours NSU Humanities	3
CHEM 1515 Chemistry II	CHEM 1223 and 1231 General Chemistry II	5
MATH 2234 Calculus II	MATH 2624 Calculus II	4
SPCH 1113 Intro to Oral Communications	COMM 1113 Fundamentals of Oral Communication	3
<b>Semester Credit Hours at CSC:</b>		<b>15</b>

**Congratulations you have earned your Associate Degree from CSC! Time to celebrate!**

<b>NORTHEASTERN STATE UNIVERSITY – SEMESTER FIVE</b>	
<b>NSU Course</b>	<b>Credit Hours</b>
CHEM 3123 Organic Chemistry I Lecture	3

CHEM 3131 Organic Chemistry I Lab	1
*CHEM 3315 Quantitative Analysis w/Lab	5
BIOL 3124 Cell Biology w/Lab	4
Open Elective	2
<b>Semester Credit Hours at NSU:</b>	<b>15</b>

NORTHEASTERN STATE UNIVERSITY – SEMESTER SIX	
NSU Course	Credit Hours
CHEM 3223 Organic Chemistry II Lecture	3
CHEM 3231 Organic Chemistry II Lab	1
**PHYS 2115 Engineering Physics I w/Lab	5
CHEM 4214 Biochemistry	4
**CHEM 4221 Biochem Lab	1
Open Elective	1
<b>Semester Credit Hours at NSU:</b>	<b>15</b>

NORTHEASTERN STATE UNIVERSITY – SEMESTER SEVEN	
NSU Course	Credit Hours
*CHEM 4523 Chemical Thermodynamics/ CHEM 4531 Experimental Physical Chemistry or Open Elective***	4
CHEM 4412 Research in Chemistry I	2
*CHEM 4723 Advanced Biochemistry	3
Biochemistry elective	4
Open Elective	2
<b>Semester Credit Hours at NSU:</b>	<b>15</b>

NORTHEASTERN STATE UNIVERSITY – SEMESTER EIGHT	
NSU Course	Credit Hours
**CHEM 4623 Quantum Chemistry & Dynamics/CHEM 4631 Applications of Computational Chemistry or Open Elective***	4
Biochemistry elective	4
Biochemistry elective	4

CHEM 4911 Chemistry Seminar I	1
Open Elective	2
<b>Semester Credit Hours at NSU:</b>	<b>15</b>

\*Fall only course, \*\*Spring only course

\*\*\*Students are required to take Either CHEM 4523 Chemical Thermodynamics and CHEM 4531 Experimental Physical Chemistry or CHEM 4623 Quantum Chemistry and Dynamics and CHEM 4631 Applications of Computational Chemistry

**Congratulations you have earned your Bachelor's Degree from NSU! Time to celebrate!**

#### **CSC Milestones and Recommended Actions:**

- **Consider Summer Courses:** Summer courses at CSC can help you fast-track your transfer and keep you on schedule. Reach out to your Student Success Coaches to discuss planning for summer classes.
- **During or After Year One at CSC:** Take a campus tour of Northeastern State University and meet with an NSU academic advisor to make sure you're on track for your transfer. (<https://offices.nsuok.edu/advising/TransferStudentServices/default.aspx>)
- **Graduation Requirements:** Students are responsible for adhering to all policies, procedures, and regulations of Connors State College, including the responsibility for meeting all graduation requirements and for checking their degree check for accuracy. Student Success Coaches and faculty members may not substitute, waive or exempt students from any established requirement or academic standard. While these advisors make every effort to provide accurate and current information, all advising information regarding coursework, academic progress, and graduation is considered unofficial. The Connors State Registrar's office is the official and final authority for all program, degree, and graduation requirements. ***It is strongly recommended for students to enroll in a minimum of 15 hours each semester, and students should obtain a graduation check upon the completion of 30 credit hours.***
- **Minimum Hours for Graduation:** Each degree program requires a specific minimum number of semester credit hours for graduation, as indicated in the college catalog. No student shall be permitted to graduate having completed fewer total hours than the requirement specified for that degree.
- **Grade-Point Average for Graduation:** A retention/graduation grade point average of 2.00 or higher is required for all courses in which a student has a recorded grade, excluding any courses repeated or reprieved and excluding remedial courses and physical education activity courses.
- **During Year Two at CSC:** Apply for admission to Northeastern State University as a transfer student during or immediately after completing your third semester coursework (<https://apply.nsuok.edu/>).
- **Transcripts:** After completing your final semester, submit an official CSC transcript to NSU.

#### **Baccalaureate Degree Information:**

- Students must complete 60 of 124 credit hours from a university (four-year school), excluding physical education courses.
- 30 credit hours are required from NSU.
- 40 credit hours must be junior and senior (3000/4000) level courses.

- At least 18 hours or 50% of the major, whichever is greater, must be from NSU; half the major must be upper level (3000/4000).
- English proficient (ENGL 1113 Composition & ENGL 1213 Composition II) with a C or better.
- Computer proficient.

**Learn More About Programs in this Pathway:**

- CSC Math and Science - <https://connorsstate.edu/math-science/>
- NSU Chemistry - <https://academics.nsuok.edu/naturalsciences/Degrees/Undergraduate/ChemistryBS.aspx>

## APPROVAL SIGNATURE PAGE



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Dr. Spence Pilcher, Department Chair  
Northeastern State University

9-9-25

Date

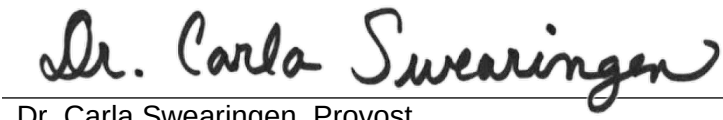


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Dr. Jessica Martin, Dean, Science and Health Professions  
Northeastern State University

9/9/25

Date



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Dr. Carla Swearingen, Provost  
Northeastern State University

9/11/25

Date




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Dr. Lynnett Rock, Division Chair  
Connors State College

9/15/2025

Date



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Dr. Chris McBeath, Vice President for Academic Affairs  
Connors State College

9/15/2025

Date