

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

**62-61 Credit Hours at CSC + 62 Credit Hours at NSU = 124-123 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.

CSC Course	NSU Course	Credit Hours
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>

CSC Course	NSU Course	Credit Hours
ENGL 1213 Comp II	ENGL 1213 English Composition II	3
HIST 1483 American Hist Survey to 1877 or HIST 1493 US History since 1865	HIST 1483 American History to 1877 or HIST 1493 American History since 1877	3
MATH 1715 College Algebra and Trigonometry* or MATH 1613 Plane Trigonometry	MATH 1714 Precalculus or MATH 1613 Plane Trigonometry	5-3

PSYC 1113 Intro to Psychology	PSYC 1113 Introduction to Psychology (Required for Education Majors)	3
BIOL 1123 Evolution and Diversity	Substitute for BIOL 1023 Introductory Biology II Lecture	3
<b>Semester Credit Hours at CSC:</b>		<b>17-15</b>

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

<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>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
Foreign Language	Second Language	3
<b>Semester Credit Hours at CSC:</b>		<b>15</b>

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

<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 or *CHEM 3523 Environmental Chemistry (even fall)	5 or 3
^EDUC 3313 Clinical Teaching (Pre-Internship I)	3
^EDUC 3113 Educational Psychology	3
EDUC 4823 Technology and the 21st Century Learner	3
<b>Semester Credit Hours at NSU:</b>	<b>18 or 16</b>

<b>NSU Course</b>	<b>Credit Hours</b>
CHEM 3223 Organic Chemistry II Lecture	3
CHEM 3231 Organic Chemistry II Lab	1
**PHYS 2115 Engineering Physics I w/Lab	5
**CHEM 4623 Quantum Chemistry & Dynamics/CHEM 4631 Applications of Computational Chemistry***or CHEM 4214 Biochemistry	4
SPED 4433 - Introduction to Education of Children with Exceptionalities	3
<b>Semester Credit Hours at NSU:</b>	<b>16</b>

NSU Course	Credit Hours
CHEM 4214 Biochemistry or *CHEM 4523 Chemical Thermodynamics/ CHEM 4531 Experimental Physical Chemistry***	4
*CHEM 3523 Environmental Chemistry (even fall) or *CHEM 3315 Quantitative Analysis w/Lab	3 or 5
CHEM 4921 Chemistry Education Seminar	1
*SCI 4513 Methods in Teaching Secondary Science^	3
EDUC 4032 Pre-Internship II^	2
EDUC 4353 Secondary Teaching Methods and Practices^	3
<b>Semester Credit Hours at NSU:</b>	<b>16 or 18</b>

NSU Course	Credit Hours
^EDUC 4064 Secondary Intern Teaching (Full Internship)	4
^EDUC 4074 Secondary Intern Teaching	4
^EDUC 4172 Assessment and Evaluation	2
^EDUC 4252 Seminar	2
<b>Semester Credit Hours at NSU:</b>	<b>12</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

^These courses need to be completed at the same time

**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.

## **Teacher Education Admission and Certification Policies**

**In addition to courses in the discipline, all students completing a baccalaureate degree that leads to teacher certification must meet the following requirements for certification.**

- Be accepted for admission to teacher education, pre-II internship, and full internship according to published course sequence and guidelines.
- Demonstrate proficiency at the high novice level in a language other than English.
- Complete all courses in the major and Professional Education Core with a grade of “C” or higher.
- Students entering NSU beginning Fall 2013 must have an overall GPA of 2.75 for admission to teacher education.
- Once admitted to the teacher education program, all majors must continue to maintain a GPA of 2.5 (overall and in their major field of study) through completion.
- 4 X 12 requirement - Early Childhood, Elementary Education, and Special Education programs require completion of 12 semester hours with a grade of “C” or better in the following disciplines: Communication Arts (English, Communication, Literature), Math, Science, and Social Science (Economics, Geography, History, Political Science, Psychology, Sociology) prior to graduation.
- All Professional Education majors must complete PSYC 1003 or PSYC 1113. Advisors recommend those courses be completed as part of the General Education course sequence.



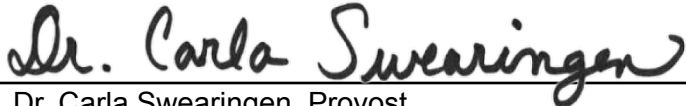


## **Baccalaureate Degree Information:**

- 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

	9-9-25
Dr. Spence Pilcher, Department Chair Northeastern State University	Date
	9/9/25
Dr. Jessica Martin, Dean, Science and Health Professions Northeastern State University	Date
	9/11/25
Dr. Carla Swearingen, Provost Northeastern State University	Date
	9/15/2025
Dr. Lynnett Rock, Division Chair Connors State College	Date
	09/15/2025
Dr. Chris McBeath, Vice President for Academic Affairs Connors State College	Date