

TCC2NSU

TRANSFER MAP



Associate in Science in Physics at Tulsa Community College to Bachelor of Science in Physics, Applied Physics Option at Northeastern State University

60 Credit Hours at TCC + 64 Credit Hours at NSU = 124 Total Credit Hours

Transfer Map Catalog Year: 2022-2023

University Campus Locations: Broken Arrow, Tahlequah campuses of NSU

Note to Students: Transfer maps provide a semester-by-semester guide to a university showing how TCC courses transfer to a specific bachelor's degree program. This transfer map is based on a full-time schedule and is just one example of how a student may successfully complete degree requirements for both programs. Students should work with a TCC advisor and the university to ensure they are on-time and on-track for transfer. 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.

TULSA COMMUNITY COLLEGE – SEMESTER ONE		
TCC Course	NSU Course	Credit Hours
ENGL 1113 Composition I	ENGL 1113	3
CSCI 1203 Computer Concepts and Applications (General Education Recommended Elective)	CS/IS 1003	3
*MATH 2114 Analytic Geometry and Calculus I	MATH 2614	4
Humanities Elective	Humanities Elective	3
Semester Credit Hours at TCC:		13

*Math Placement: Additional preparatory course work may be required if students do not meet a minimum placement score on a secondary placement test. In this case, the total credit hours required to complete the degrees in this transfer map may exceed 124. See your academic advisor for more information.

TULSA COMMUNITY COLLEGE – SEMESTER TWO		
TCC Course	NSU Course	Credit Hours
ENGL 1213 Composition II	ENGL 1213	3
POLS 1113 American Federal Government	POLS 1113	3
MATH 2124 Analytic Geometry and Calculus II	MATH 2624	4
**CSYS 1203 Introduction to Computer Programming (Recommended Elective)	**See Note	3
HIST 1483 or HIST 1493 U.S. History	HIST 1483 or HIST 1493	3
Semester Credit Hours at TCC:		16

**NSU will accept CSYS 1203 and CSCI 2473 as meeting the requirement for CS 2014 - Computer Science I and CS 2163 - Computer Science II

TULSA COMMUNITY COLLEGE – SEMESTER THREE		
TCC Course	NSU Course	Credit Hours
**CSCI 2473 C Language (Recommended Elective)	**See Note	3
MATH 2134 Analytic Geometry and Calculus III (Recommended Elective)	MATH 2634	4
PHYS 2034 Physics I with Calculus	PHYS 2115	4
CHEM 1315 General Chemistry I	CHEM 1123 + 1131	5
Semester Credit Hours at TCC:		16

TULSA COMMUNITY COLLEGE – SEMESTER FOUR

TCC Course	NSU Course	Credit Hours
COMM 1113 Public Speaking (Required Elective)	COMM 1113	3
Humanities Elective	Humanities Elective	3
PHYS 2124 Physics II with Calculus	PHYS 2215	4
CHEM 1415 General Chemistry II	CHEM 1223 + 1231	5
Semester Credit Hours at TCC:		15

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

NORTHEASTERN STATE UNIVERSITY – SEMESTER FIVE

NSU Course	Credit Hours
PHYS 3613 Optical Instrumentation (even years) <u>OR</u> PHYS 3004 Scientific Computation (odd years)	3-4
PHYS 3113 Mechanics (even years) <u>OR</u> PHYS 3714 Electronics (odd years)	3-4
Applied Physics elective	3
General elective	7
Semester Credit Hours at NSU:	16-18*

NORTHEASTERN STATE UNIVERSITY – SEMESTER SIX

NSU Course	Credit Hours
PHYS 3413 Thermal Physics (odd years) <u>OR</u> PHYS 4114 Electrodynamics (even years)	3-4
PHYS 4323 Physics for Engineers (odd years) <u>OR</u> PHYS 4503 Advanced Physics Lab (even years)	3-4
PHYS 3213 Modern Physics (odd years) <u>OR</u> PHYS 3103 Mathematical Methods in Physics (even years)	3
PHYS 4350 Special Topics in Physics	1
General elective	6
Semester Credit Hours at NSU:	16-18*

NORTHEASTERN STATE UNIVERSITY – SEMESTER SEVEN

NSU Course	Credit Hours
PHYS 3613 Optical Instrumentation (even years) <u>OR</u> PHYS 3004 Scientific Computation (odd years)	3-4
PHYS 3113 Mechanics (even years) <u>OR</u> PHYS 3714 Electronics (odd years)	3-4
PHYS 4901 Research in Physics	1
Applied Physics elective	3
General elective	4
Semester Credit Hours at NSU:	14-16*

NORTHEASTERN STATE UNIVERSITY – SEMESTER EIGHT

NSU Course	Credit Hours
PHYS 3413 Thermal Physics (odd years) <u>OR</u> PHYS 4114 Electrodynamics (even years)	3-4
PHYS 4323 Physics for Engineers (odd years) <u>OR</u> PHYS 4503 Advanced Physics Lab (even years)	3-4
PHYS 3213 Modern Physics (odd years) <u>OR</u> PHYS 3103 Mathematical Methods in Physics (even years)	3
PHYS 4901 Research in Physics	1
General elective	4
Semester Credit Hours at NSU:	14-16*

*NOTE: Students should ensure that NSU hours total 64.

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

TCC Milestones and Recommended Actions:

- **Consider Summer Courses:** Summer courses at TCC can help accelerate your time to transfer, and help you stay on track. Talk to your advisor about planning summer courses.
- **During or After Year One at TCC:** Consider a campus tour of Northeastern State University and connect with a NSU academic advisor, to ensure you are on track to transfer. Your TCC academic advisor can assist in planning these actions.
- **During Year Two at TCC:** During or right after semester three coursework, apply for admission at Northeastern State University as a transfer student (<https://apply.nsuok.edu/>).
- **Final Semester at TCC:** Congratulations you are about to earn your Associate Degree! Be sure to apply for graduation @ <https://www.tulsacc.edu/student-resources/graduation>.
- **Transcripts:** After your final semester, submit an official TCC transcript to NSU (www.tulsacc.edu/student-resources/student-records/requesting-and-submitting-transcripts).
- **Reverse Transfer:** Students who transfer to a university before completing an associate degree and who have earned at least 15 credit hours from TCC may be eligible to complete their TCC degree through Reverse Transfer. Email reversetransfer@tulsacc.edu to see if you qualify for a degree through the Reverse Transfer program (<https://www.tulsacc.edu/student-resources/graduation/reverse-transfer>).

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:

- TCC A.S. Physics - <https://www.tulsacc.edu/programs-and-courses/academic-programs/physics>
- NSU B.S. Physics – Applied Physics option
<https://academics.nsuok.edu/naturalsciences/Degrees/Undergraduate/AppliedPhysics.aspx>

University Transfer Contact Information

University Transfer Office
Tulsa Community College
www.tulsacc.edu/transfer
Contact: tcc2university@tulsacc.edu

Transfer Student Services
Northeastern State University
<https://www.nsuok.edu/Transfer>
Contact: transfer2nsu@nsuok.edu