



## Associate in Science in Computer Information Systems at Tulsa Community College to Bachelor of Science in Cybersecurity at University of Oklahoma Polytechnic Institute

**61 Credit Hours at TCC + 60 Credit Hours at OU = 121 Total Credit Hours**

**Transfer Map Catalog Year:** 2025-2026 (Year 1 of 3)

**Purpose of Transfer Maps:** 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	OU Course	Credit Hours
ENGL 1113 Composition I	ENGL 1113 Principles of English Composition ( <a href="#">Core I</a> )	3
*MATH 1513 Precalculus I <sup>12</sup>	MATH 1503 College Algebra	3
CSYS 1203 Intro to Computer Programming	POLY 1203 Foundations of Programming for Emerging Technologies	3
POLS 1113 American Federal Government	PSC 1113 American Federal Government	3
General Education Science (without lab)	Natural Science ( <a href="#">Core II</a> )	3
<b>Semester Credit Hours at TCC:</b>		<b>15</b>

TULSA COMMUNITY COLLEGE – SEMESTER TWO		
TCC Course	OU Course	Credit Hours
ENGL 1213 Composition II	ENGL 1213 Principles of English Composition ( <a href="#">Core I</a> ) or EXPO 1213 Expository Writing	3
MATH 1613 Precalculus II	Open Elective, lower-division	3
CSCI/CSYS Course	Open Elective, lower-division	3
General Education Science (with lab)	Natural Science ( <a href="#">Core II</a> )	4
General Education Humanities Elective	Art Form, <a href="#">Western Culture or World Culture</a>	3
<b>Semester Credit Hours at TCC:</b>		<b>16</b>

<sup>1</sup> 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 degree may exceed 120.

<sup>2</sup> Visit with your academic advisor to discuss math placement for your most seamless transfer.

### TULSA COMMUNITY COLLEGE – SEMESTER THREE

TCC Course	OU Course	Credit Hours
MATH 2653 Discrete Mathematics	POLY 2513 Applied Discrete Mathematics for Computing	3
CIS Specialized Course Requirements	Open Elective, lower-division	3
CSCI/CSYS Course	Open Elective, lower-division	3
Liberal Arts and Sciences Electives	Open Elective, lower-division	3
HIST 1483 US History to Civil War <u>or</u> HIST 1493 US History Civil War to Present (3 hours total)	HIST 1483 United States to 1865 (Core IV) or HIST 1493 United States, 1865 to the Present (Core IV)	3
<b>Semester Credit Hours at TCC:</b>		<b>15</b>

### TULSA COMMUNITY COLLEGE – SEMESTER FOUR

TCC Course	OU Course	Credit Hours
General Education Required Elective (Social Sciences Course Recommended)	Social Science ( <a href="#">Core III</a> )	3
MATH 2193 Elementary Statistics	POLY 2203 Applied Statistics for Modern Computing	3
CIS Specialized Course Requirements	Open Elective, lower-division	3
General Education Humanities Elective	Art Form, Western Culture or World Culture ( <a href="#">Core IV</a> )	3
Liberal Arts and Sciences Electives	Open Elective, lower-division	3
<b>Semester Credit Hours at TCC:</b>		<b>15</b>

**Congratulations, you have earned your Associate's Degree from TCC! Time to celebrate!**

### UNIVERSITY OF OKLAHOMA – SEMESTER FIVE

OU Course	Credit Hours
CYBS 3123 Introduction to Unix Systems	3
CYBS 3213 Foundations of Cybersecurity	3
CYBS 3913 Database Fundamentals	3
SDI 3203 Computer Networks	3
Approved Upper-Division Elective (3000-4000), Artistic Forms (Core IV)	3
<b>Semester Credit Hours at OU:</b>	<b>15</b>

### UNIVERSITY OF OKLAHOMA – SEMESTER SIX

OU Course	Credit Hours
CYBS 3113 Operating Systems Fundamentals	3
CYBS 3313 Introduction to Cyber Ethics and Law	3
CYBS 3323 Hardware Security	3
CYBS 3743 Cyberforensics Fundamentals	3
SDI 3213 Cloud Computing	3
<b>Semester Credit Hours at OU:</b>	<b>15</b>

UNIVERSITY OF OKLAHOMA – SEMESTER SEVEN	
OU Course	Credit Hours
CYBS 4123 System Administration	3
CYBS 4473 Network Security	3
CYBS 4293 Introduction to Cloud Computing and Security	3
CYBS Major Elective	3
CYBS Major Elective	3
<b>Semester Credit Hours at OU:</b>	<b>15</b>

UNIVERSITY OF OKLAHOMA – SEMESTER EIGHT	
OU Course	Credit Hours
CYBS 4333 Incidence Response Management	3
CYBS 4203 Cybersecurity Risk Management and Assessment	3
CYBS 4963 Cybersecurity Capstone	3
CYBS Major Elective	3
CYBS Major Elective	3
<b>Semester Credit Hours at OU:</b>	<b>15</b>

**Congratulations, you have earned your Bachelor's Degree from OU!**

#### 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 OU-Tulsa and connect with an OU-Tulsa 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:** Students are eligible for admission to OUPI programs as a transfer student after completing 24 hours of college credit (<https://www.ou.edu/tulsa/apply>). To be considered for all scholarships, students must apply by March 1st.
- **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 OU ([www.tulsacc.edu/student-resources/student-records/requesting-and-submitting-transcripts](http://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](mailto: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>).

#### University Program Notes and Information:

- OU's Core V General Education course is waived for students who complete an associate's degree in arts or science from a regionally affiliated college in Oklahoma. If a student has not completed an associate's degree this three-hour course is required and will increase the number of hours to complete the bachelor's degree.

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

- TCC A.S. Computer Information Systems - <https://www.tulsacc.edu/academics/programs-courses/computer-information-systems>
- OU-TULSA B.S. Software Development and Integration - <https://www.ou.edu/admissions/academics/polytechnic/software-development-and-integration>

#### University Transfer Contact Information

Office of University Transfer &  
Academic Partnerships  
Tulsa Community College  
[www.tulsacc.edu/transfer](http://www.tulsacc.edu/transfer)  
Contact: [tcc2university@tulsacc.edu](mailto:tcc2university@tulsacc.edu)

University of Oklahoma  
Polytechnic Institute  
[OUPIAdvising@ou.edu](mailto:OUPIAdvising@ou.edu)  
<https://www.ou.edu/tulsa/polytechnic>  
Phone: (918) 660-3456