



Associate in Science in Computer Information Systems at Tulsa Community College to Bachelor of Science in Computer Simulation and Gaming at the University of Tulsa

63 Credit Hours at TCC + 60 Credit Hours at TU = 123 Total Credit Hours

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

Note to Students: *UTulsa equivalencies used within this articulation agreement are only applicable with a completed Associate of Science or Associate of Arts to fulfill the University of Tulsa Core Curriculum and do not reflect current one-to-one equivalencies for single courses transferred from TCC to TU.

This Articulation Agreement provides a semester-by-semester guide 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-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	UTulsa Course	UTulsa Requirement	Credit Hours
COLL 1003 College Success (Gen. Ed. Recmd Elective) <i>UTulsa recommended course</i>	FYE 1001 + FREL 1TR2	Tulsa Core: FYE + General Electives	3
ENGL 1113 Composition I	ENGL 1033*	Tulsa Core: Writing Requirement	3
^MATH 1513 Precalculus I	MATH 1143	General Electives	3
CSYS 1203 Intro to Computer Programming	CS 1001 + FREL 1TR2	Computer Science CSG Major Requirements + General Electives	3
HIST 1483 <i>or</i> HIST 1493 U.S. History	HIST 2503*	Tulsa Core: Quad III - Social Sciences	3
Semester Credit Hours at TCC:			15

^MATH PLACEMENT and Electives NOTE: If a student places into MATH 2114 it is recommended to begin the math sequence with that course as their general education math and complete through MATH 2134 at TCC. Depending on pre-requisite MATH and other course requirements such as COLL 1003 College Success needed, the overall hours in this plan could vary. Consult with your TCC advisor about math placement options and completion of General Education Recommended Electives required for the A.S. Computer Information Systems degree.

TULSA COMMUNITY COLLEGE – SEMESTER TWO			
TCC Course	UTulsa Course	UTulsa Requirement	Credit Hours
ENGL 1213 Composition II	ENGL 2093*	Tulsa Core: Writing Requirement	3
^MATH 1613 Precalculus II	MATH 1163	Mathematics CSG Major Requirements	3
CSCI 2473 C Language	CS 1043	Computer Science CSG Major Requirements	3
Humanities	Quad II	Tulsa Core: Quad II - Humanities	3
POLS 1113 American Federal Government	POL 2363	Tulsa Core: Quad III - Social Sciences	3
MATH 2193 Elementary Statistics	STAT 2013	Mathematics CSG Major Requirements	3
Semester Credit Hours at TCC:			18

TULSA COMMUNITY COLLEGE – SEMESTER THREE

TCC Course	UTulsa Course	UTulsa Requirement	Credit Hours
MATH 2114 Analytic Geometry & Calculus I	MATH 2014	Mathematics CSG Major Requirements	4
CSCI 2843 C++ Programming Language	CS 2003	Computer Science CSG Major Requirements	3
ART 1013 Art Foundations: 2-D Design (Gen. Ed. Required Elective) UTulsa recommended course	ART 1183	Tulsa Core: Quad I - Creative Arts + CSG Electives Specialization (24 hrs) CSG Major Requirements	3
General Ed. Science (Non-Lab)	Quad IV	Tulsa Core: Quad IV - Natural & Applied Sciences	3
Humanities	Quad II	Tulsa Core: Quad II - Humanities	3
Semester Credit Hours at TCC:			16

TULSA COMMUNITY COLLEGE – SEMESTER FOUR

TCC Course	UTulsa Course	UTulsa Requirement	Credit Hours
CSCI 2683 Data Structures	CS 2123	Computer Science CSG Major Requirements	3
PHYS 2034 Physics I w/ Calculus (Gen. Ed. Science w/ Lab) UTulsa recommended course	PHYS 2053 + PHYS 2051	Tulsa Core: Quad IV - Natural & Applied Sciences + Physical Science CSG Major Requirements	4
COMM 1113 Public Speaking (Gen. Ed. Recommended Elective) UTulsa recommended course	SP 2113	Tulsa Core: Quad I - Creative Arts	3
MATH 2124 Analytic Geometry & Calculus II	MATH 2024	CSG Electives Specialization (24 hrs) CSG Major Requirements	4
Semester Credit Hours at TCC:			14

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

UNIVERSITY OF TULSA – SEMESTER FIVE

UTulsa Course	UTulsa Requirement	Credit Hours
ART 2063 Digital Art: Survey and Practice	Art CSG Major Requirements	3
CSG 1003 Game Design Concepts	CSG Core CSG Major Requirements	3
CSG 3013 Introduction to Real-Time Engines	CSG Core CSG Major Requirements	3
CSG 4283 or ART 42833D Modeling and Animation	CSG Core CSG Major Requirements	3
CS 3013 or MATH 3013 Discrete Mathematics	Computer Science CSG Major Requirements	3
Semester Credit Hours at UTulsa:		15

UNIVERSITY OF TULSA – SEMESTER SIX

UTulsa Course	Credit Hours	
CS 3513 Software Engineering	Computer Science CSG Major Requirements 3	
CS 4053 Interaction Design	Computer Science CSG Major Requirements 3	
CSG 3023 or CS 3023 Introduction to Game Programming	CSG Core CSG Major Requirements 3	
CSG 3813 Environmental Storytelling and Level Design	CSG Core CSG Major Requirements 3	
CSG Elective Course	CSG Electives Specialization (24 hrs) CSG Major Requirements 3	
Semester Credit Hours at UTulsa:		15

UNIVERSITY OF TULSA – SEMESTER SEVEN (Summer)

UTulsa Course		Credit Hours
CSG 3523 <i>or</i> CS 3523 Game System Development	CSG Core CSG Major Requirements	3
CSG 4373 3D Visualization of Dynamic Simulations	CSG Core CSG Major Requirements	3
CSG 4003 Senior Production I	CSG Core CSG Major Requirements	3
CSG Elective Course	CSG Electives Specialization (24 hrs) CGS Major Requirements	3
CSG Elective Course	CSG Electives Specialization (24 hrs) CGS Major Requirements	3
Semester Credit Hours at UTulsa:		15

UNIVERSITY OF TULSA – SEMESTER EIGHT

UTulsa Course		Credit Hours
CSG 4603 Portfolio and Professional Development	CSG Core CSG Major Requirements	3
CSG 4013 Senior Production II	CSG Core CSG Major Requirements	3
CSG Elective Course	CSG Electives Specialization (24 hrs) CGS Major Requirements	3
CSG Elective Course	CSG Electives Specialization (24 hrs) CGS Major Requirements	3
CSG Elective Course	CSG Electives Specialization (24 hrs) CSG Major Requirements	3
Semester Credit Hours at UTulsa:		15

Congratulations, you have earned your Bachelor's Degree from UTulsa! 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 University of Tulsa and connect with a UTulsa 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 semester three coursework (or two semesters before you plan to transfer if attending part-time), apply for admission at University of Tulsa as a transfer student (<https://admission.utulsa.edu/apply/transfer-applicants/>).
- **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 UTulsa (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>).

Additional Program Information:

- After matriculating into UTulsa, a student must complete the mechanical engineering major with a grade point average of 2.0 or higher as well as an overall grade point average of 2.0 or higher in order to graduate.

UTulsa Tuition Costs:

- Full-time students pay a flat tuition rate each semester they are enrolled in 12 – 18 hours. Any semester where a student is enrolled in 11 hours or less are billed per semester hour. Any semester with an approved overload above 18 hours has additional tuition costs on top of the flat tuition rate to cover the additional hours. Tuition costs and associated student fees are posted at Tuition & Costs - The University of Tulsa (utulsa.edu). The degree map above has been divided to maximize enrollment versus tuition cost each semester. A student that chooses to enroll in fewer than 12 hours or more than 18 in any particular semester should be prepared for different tuition costs.

Learn More About Programs in this Pathway:

- TCC A.S. Computer Information Systems - <https://www.tulsacc.edu/academics/programs-courses/computer-information-systems>
- UTulsa B.S. Computer Simulation & Gaming - <https://utulsa.edu/programs/computer-simulation-gaming/>

University Transfer Contact Information

Office of University Transfer &
Academic Partnerships
Tulsa Community College
www.tulsacc.edu/transfer
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