



Associate in Science Computer Information Systems at Tulsa Community College to Bachelor of Computer Science at University of Tulsa

63 Credit Hours at TCC + 65 Credit Hours at TU = 128 Total Credit Hours

Transfer Map Catalog Year: 2022-2023

University Campus Location: University of Tulsa, 800 S Tucker Dr, Tulsa, OK 74104

Note to Students: Transfer maps provide a semester by semester guide to a bachelor's degree program showing course by course equivalency. 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 these 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	TU Equivalent Course	Credit Hours
CSCI 1203 Computer Concepts & Applications (Gen. Ed. Rec. Elective)	CIS 1001 Intro. to Spreadsheets + FREL 1002 Free Elective	3
ENGL 1113 Composition I	FREL 1003	3
*MATH 1715 Precalculus I & II	MATH 1163 Precalulus	5
POLS 1113 American Federal Government	POL 2053 Governing Ideas in America (Block II)	3
General Education Science (Non-Lab) (from TU Block III lecture)	BLOCK III Lecture	3
Semester Credit Hours at TCC:		17

***MATH PLACEMENT NOTE:** If a student places into MATH 2114 it is recommended that they begin the math sequence with that course as their general education math and complete through MATH 2134 at TCC. Depending on pre-requisite math courses needed, the overall hours in this plan could vary. Consult with your TCC advisor about math placement options.

TULSA COMMUNITY COLLEGE – SEMESTER TWO		
TCC Course	TU Equivalent Course	Credit Hours
Liberal Arts & Sciences Elective (from TU Block I List)	Block I	3
CSYS 1203 Intro. to Computer Programming	CS 1001 Intro. to Computer Science + FREL 1002	3
ENGL 1213 Composition II	ENGL 1033 Exposition & Argumentation	3
MATH 2114 Analytic Geometry & Calculus I	Math 2014 Calculus I	4
General Education Science (Lab) (from TU BLOCK III Block III lecture and lab)	Block III Lecture & Lab	4
Semester Credit Hours at TCC:		17

TULSA COMMUNITY COLLEGE – SEMESTER THREE

TCC Course	TU Equivalent Course	Credit Hours
CSCI 2473 C Language TU Equivalent: CS 1043 Intro. Prog. & Prob. Solving	CS 1043 Intro. Prog. & Prob. Solving	3
HIST 1483 U.S. History or 1493 U.S. History TU Equivalent: HIST 2503 Am. Republic BKLB 1003 (Block II)	HIST 2503 Am. Republic or BKLB 1003 (Block II)	3
3 hrs. Humanities (from TU Block II list) TU Equivalent: Block II	Block II	3
MATH 2124 Analytic Geometry & Calculus II TU Equivalent: MATH 2024 Calculus II	MATH 2024 Calculus II	4
Gen. Ed. Req. Elective (TU Block II & HCGD) TU Equivalent: Block II/HCGD	Block II/HCGD	3
Semester Credit Hours at TCC:		16

TULSA COMMUNITY COLLEGE – SEMESTER FOUR

TCC Course	TU Equivalent Course	Credit Hours
CSCI 2683 Data Structures	CS 2123 Data Structures	3
CSCI 2843 C++ Programming Language	CS 2003 Fundamental of Algorithm & Comp. App.	3
MATH 2134 Analytic Geometry & Calculus III	MATH 2073 Calc. III + FREL 1001	4
3 hrs. Humanities (from TU Block I list)	Block I	3
Semester Credit Hours at TCC:		13

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

UNIVERSITY OF TULSA – SEMESTER FIVE

TU Course	Credit Hours
FYE 1001 First Year Experience	1
CS 2001 Computer & Engineering Ethics	1
CS 3013 Discrete Math	3
CS 2033 Computer Architecture, Organization & Assembler	3
PHYS 2051 General Physics I Lab	1
PHYS 2053 General Physics I	3
CS Elective	3
Semester Credit Hours at TU:	15

UNIVERSITY OF TULSA – SEMESTER SIX

TU Course	Credit Hours
PHYS 2063 General Physics II	3
PHYS 2061 General Physics II Lab	1
CS 3053 Operating Systems	3
CS 3513 Engineering Software	3
ECE 2163 or CS 2163 Digital Systems Principles	3
ECE 2161 Digital Systems Principles Lab	1
MATH 4123 Linear Algebra	3
Semester Credit Hours at TU:	17

UNIVERSITY OF TULSA – SEMESTER SEVEN	
TU Course	Credit Hours
CS 3003 Comparative Programming Languages	3
CS 4163 Data Base Systems	3
CS 4013 Compiler Construction or CS 4333 Computer Networks	3
CS Elective	3
CS Elective	3
ENGL 3003 Writing for the Professions	3
Semester Credit Hours at TU:	18

UNIVERSITY OF TULSA – SEMESTER EIGHT	
TU Course	Credit Hours
CS 4513 Senior Software Projects	3
STAT 4813 Statistical Methods for Scientists & Engineers	3
MATH 4503 Introduction to Numerical Methods	3
CS Elective	3
MATH Elective	3
Semester Credit Hours at TU:	15

Congratulations you have earned your Bachelor's Degree from TU! 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 TU 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 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 TU (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>).

TU 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 \(utulsa.edu\)](http://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 - www.tulsacc.edu/programs-and-courses/academic-programs/computer-information-systems
- TU B.S. Computer Science program - https://engineering.utulsa.edu/computer-science/cs-undergraduate-programs/?_ga=2.131006026.439261538.1638811217-426435624.1616706603

University Transfer Contact Information

University Transfer Office
Tulsa Community College
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