

# TCC2TU

TRANSFER MAP



## Associate in Science Computer Information Systems (Tulsa Community College) to Bachelor of Science in Cyber Security (University of Tulsa)

Total Credit Hours at TCC (62) + Total Credit Hours at TU (58) = 120 Credit Hours

Catalog Year: 2021-2022

Modalities Available (On-Campus, Online, Blended): On-Campus

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

**Note to Students:** Transfer Maps provide a semester by semester guide from TCC to a university program showing course equivalency. This university transfer map is based on a full-time academic load of 30 credit hours per year, but can be adjusted to fit a part-time schedule. To ensure maximum transferability of credits, please work with your TCC advisor and your transfer university to ensure you are taking the correct courses to transfer on-time and on-track. Students are responsible for completing requirements in the official degree sheet for each major.

### YEAR ONE – TULSA COMMUNITY COLLEGE

Semester One		Semester Two	
TCC Course and TU Equivalent Course	Hrs.	TCC Course and TU Equivalent Course	Hrs.
CSCI 1203 Computer Concepts & Apps. <i>TU Equivalent: CIS 1001 INTRO TO SPREADSHEETS +FREL 1002 (Gen. Elec.)</i>	3	COMM 1113 Public Speaking <i>TU Equivalent: SP 2113 (BLOCK I)</i>	3
ENGL 1113 Composition I <i>TU Equivalent: FREL 1003 (Gen. Elec.)</i>	3	CSYS 1203 Intro. to Computer Programming <i>TU Equivalent: CS 1001+FREL 1002 (Gen. Elec.)</i>	3
MATH 1513 Precalculus I (See Note)* <i>TU Equivalent: MATH 1143</i>	3	ENGL 1213 Composition II <i>TU Equivalent: ENGL 1033</i>	3
POLS 1113 American Federal Government <i>TU Equivalent: POL 2053 (BLOCK II)</i>	3	MATH 1613 Precalculus II (Rec. Elec.) <i>TU Equivalent: MATH 1163</i>	3
Lab Science <i>TU Equivalent: <a href="#">Block III lecture and lab</a></i>	4	Non-Lab Science <i>TU Equivalent: <a href="#">Block III lecture</a></i>	3
<b>Semester Credit Hours at TCC:</b>	<b>16</b>	<b>Semester Credit Hours at TCC:</b>	<b>15</b>

### YEAR TWO – TULSA COMMUNITY COLLEGE

Semester Three		Semester Four	
TCC Course and TU Equivalent Course	Hrs.	TCC Course and TU Equivalent Course	Hrs.
CSCI 2473 C Language <i>TU Equivalent: GNED 2003 (Gen. Elec.)</i>	3	CSCI 2683 Data Structures <i>TU Equivalent: GNED 2003 (Gen. Elec.)</i>	3
HIST 1483 U.S. Hist. 1492 to the Civil War <u>or</u> HIST 1493 U.S. Hist. Civil War to Present <i>TU Equivalent: HIST 2503 (Blk II)</i>	3	CSCI 2843 C++ Programming Language <i>TU Equivalent: CS 2503 (Gen. Elec.)</i>	3
MATH 2114 Analytical Geometry and Calc. I <i>TU Equivalent: MATH 2014</i>	4	MATH 2193 Elementary Statistics <i>TU Equivalent: STAT 2013</i>	3
3 hrs. Humanities ( <a href="#">from TU Block I List</a> ) <i>TU Equivalent: Block I</i>	3	3 hrs. Humanities ( <a href="#">from TU Block II List</a> ) <i>TU Equivalent: Block II</i>	3
Gen. Education Req. Elec ( <a href="#">TU Block II List</a> ) <i>TU Equivalent: Block II</i>	3	CSCI 2133 Intro. to Java <i>TU Equivalent: CS 1043</i>	3
<b>Semester Credit Hours at TCC:</b>	<b>16</b>	<b>Semester Credit Hours at TCC:</b>	<b>15</b>

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**\*MATH PLACEMENT:** If a student places into MATH 1613 Pre-Calculus II or MATH 2114 Analytical Geometry and Calc.I It is recommended that they begin the math sequence with one of those courses as their general Education math. Consult with your TCC advisor about math placement options.

YEAR THREE – UNIVERSITY OF TULSA			
Semester Five		Semester Six	
TU Course	Hrs.	TU Course	Hrs.
FYE 1001 First Year Experience	1	CYB 2013 Secure Software Development II	3
CYB 2004 Secure Software Development I	4	CYB 3353 System Administration	3
CYB 3073 Introduction to Cyber Security	3	CYB 3043 Enterprise Networks and Security	3
Math 3013 Discrete Mathematics	3	CYB 2023	3
General Elective	3	General Elective	3
<b>Semester Credit Hours at TU:</b>	<b>14</b>	<b>Semester Credit Hours at TU:</b>	<b>15</b>

YEAR FOUR – UNIVERSITY OF TULSA			
Semester Seven		Semester Eight	
TU Course	Hrs.	TU Course	Hrs.
CYB 3363 Data Security and Cryptography	3	CYB 4003 Cyber Capstone	3
ENGL 3003 Writing for the Professions	3	CYB 4073 Cyber Defense Technology and Management	3
CYB 3053 Operating Systems Concepts	3	CYB Elective	3
CYB Elective	3	CYB Elective	3
CYB Elective	3	General Elective	2
<b>Semester Credit Hours at TU:</b>	<b>15</b>	<b>Semester Credit Hours at TU:</b>	<b>14</b>

### 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:** 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 A.S. Computer Information Systems. Be sure to apply for graduation @ <https://www.tulsacc.edu/student-resources/graduation>.
- **Transcripts:** Submit an official TCC transcript to TU ([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:** If you have not earned an Associate in Arts or an Associate in Science from TCC, and have completed 60 credit hours, with 15 of those hours completed at TCC, email [reversetransfer@tulsacc.edu](mailto:reversetransfer@tulsacc.edu) to see if you qualify for a degree through the Reverse Transfer program.

### TU Program Information:

- **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 is billed per semester hour. Any

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## T R A N S F E R M A P



semesters 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 online at [Tuition & Costs - The University of Tulsa \(utulsa.edu\)](https://www.utulsa.edu/tuition-costs). The degree map above has been divided to maximize enrollment versus tuition cost each semester. Students that choose to enroll in fewer than 12 hours or more than 18 hours in any particular semester should be prepared for different tuition costs.

- To become a candidate for a TU degree in cyber security, a student must complete all computer science courses in the curriculum with a grade-point average of at least 2.0, and earn a grade point average of 2.0 or higher overall.
- [CS 3363](#) may not be taken for cyber security elective credit at TU.
- Final/official transfer evaluations will be based on specific balance sheets current at the time of a student's first enrollment and will not necessarily apply to another curriculum if the student changes majors.

### Learn More About Programs in this Pathway:

- TCC A.S. Computer Information Systems - [www.tulsacc.edu/programs-and-courses/academic-programs/computer-information-systems](http://www.tulsacc.edu/programs-and-courses/academic-programs/computer-information-systems)
- TU B.S. Cyber Security - <https://engineering.utulsa.edu/cyber-studies/cyber-security-programs/#degree-options>

### University Transfer Contact Information

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

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