



Associate of Sciences in Physics at Tulsa Community College to Bachelor of Science in Physics at the University of Tulsa

61 Credit Hours at TCC + 59 Credit Hours at TU = 120 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 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.

For some requirements on this transfer pathway, students should choose classes that match TU's Block Course requirements. For more information on classes that satisfy these requirements visit

utulsa.edu/apply/transfer-applicants/tcc-guidelines-for-transfer-credit/

TULSA COMMUNITY COLLEGE – SEMESTER ONE		
TCC Course	TU Course	Credit Hours
ENGL 1113 Composition I	GNED 1003	3
HIST 1483 or HIST 1493 U.S. History	HIST 2503 (Block II)	3
MATH 2114 Analytic Geometry & Calculus I (See Note #1 on Math Placement)	MATH 2014	4
COLL 1003 College Success or Recommended Elective	FYE 1001 + GNED 1002	3
Semester Credit Hours at TCC:		13

TULSA COMMUNITY COLLEGE – SEMESTER TWO		
TCC Course	TU Course	Credit Hours
ENGL 1213 Composition II	ENGL 1033	3
MATH 2124 Analytic Geometry & Calculus II	MATH 2024	4
POLS 1113 American Federal Government	POL 2053 (Block II)	3
General Education Required Elective (From TU Block II / HCGD List)	Block II/HCGD	3
3 hours Humanities on TU Block II List	Block II	3
Semester Credit Hours at TCC:		16

TULSA COMMUNITY COLLEGE – SEMESTER THREE		
TCC Course	TU Course	Credit Hours
CHEM 1315 General Chemistry I	CHEM 1013/1011 + GNED 1001	5
MATH 2134 Analytical Geometry & Calculus III (Recommended Elective)	MATH 2073 + GNED 1001	4
PHYS 2034 Physics I with Calculus (L)	PHYS 2053/2051	4
3 Hour Humanities on TU Block I List	Block I	3
Semester Credit Hours at TCC:		16

TULSA COMMUNITY COLLEGE – SEMESTER FOUR

TCC Course	TU Course	Credit Hours
CHEM 1415 General Chemistry II	CHEM 1023/1021 + GNED 1001	5
PHYS 2124 Physics II w/Calculus (L)	PHYS 2063/2061	4
ASTR 1104 General Astronomy (Recommended Elective)	GNED 1004	4
COMM 1113 Public Speaking	SP 2113 (Block I)	3
Semester Credit Hours at TCC:		16

***NOTE 1:** 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 will exceed 60. If additional Math is required, it will fill any open General Education electives. If General Education electives have already been met, then this degree could require up to 65-66 hours to complete. See your academic advisor for more information.

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

UNIVERSITY OF TULSA – SEMESTER FIVE

TU Course	Credit Hours
PHYS 2073 General Physics III	3
PHYS 2071 General Physics III Lab	1
MATH 3073 Differential Equations	3
ECE 2003 Electric Circuit Analysis	3
ECE 2001 Basic Electrical Measurements Lab	1
CS 2503 Scientific Programming	3
Semester Credit Hours at TU:	14

UNIVERSITY OF TULSA – SEMESTER SIX

TU Course	Credit Hours
PHYS 3043 Statistical and Thermal Physics	3
PHYS 3053 Methods of Mathematica Physics in Physical Sciences	3
MATH ELECTIVE*	3
ENGL 3003 Writing for Professions	3
GENERAL ELECTIVE	3
Semester Credit Hours at TU:	15

UNIVERSITY OF TULSA – SEMESTER SEVEN

TU Course	Credit Hours
PHYSICS ELECTIVE**	3
GENERAL ELECTIVE	3
PHYS 4982 Senior Thesis	2
PHYS 3112 Physics Instrumentation Lab	2
PHYS 4063 Electrical and Magnetism	3
PHYS 4033 Quantum Mechanics I	3
Semester Credit Hours at TU:	16

UNIVERSITY OF TULSA – SEMESTER EIGHT

TU Course	Credit Hours
PHYS 3072 Senior Physics Laboratory	2
PHYS 4003 Classical Mechanics	3
PHYS 4043 Quantum Mechanics II	3
PHYS 4981 Senior Thesis	1
PHYSICS ELECTIVE**	3
Semester Credit Hours at TU:	14

***MATH ELECTIVE:** Choose from MATH 4123, MATH 4133, MATH 4143, or STAT 4813

****PHYSICS ELECTIVE:** Choose from PHYS 3133, PHYS 4053, PHYS 4073, PHYS 4083, PHYS 4093, PHYS 4503, PHYS 4523, or PHYS 4563

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 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 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>).

University Program Notes and 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 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). The degree map above has been divided to maximum 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.
- After matriculating into TU, a student must complete the physics 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.

Learn More About Programs in this Pathway:

- TCC A.S. Physics - <https://www.tulsacc.edu/programs-and-courses/academic-programs/physics>
- TU B.S. Physics - <https://engineering.utulsa.edu/physics-engineering-physics/physics-undergraduate-programs/>

University Transfer Contact Information

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

Amy Stroud
Transfer Credit and Articulation Specialist
University of Tulsa
Phone: 918-631-2224, transfer-evals@utulsa.edu