

UNIVERSITY OF ST. THOMAS

SCHOOL OF ENGINEERING

Minneapolis College

2024-2025 TRANSFER COURSE GUIDE

The following courses transfer directly into Civil, Electrical, Computer, and Mechanical Engineering programs at the University of St. Thomas. We invite prospective students to tour the School of Engineering and meet with faculty and financial aid staff to determine the best time for transfer. More information is available at <https://www.stthomas.edu/engineering/transfer>.

Students who complete Minnesota Transfer Curriculum prior to transfer to University of St. Thomas may apply it to the core curriculum (sometimes referred to as general requirements). Engineering students would only need to complete two core classes after transfer. For more information about the St. Thomas core: <https://www.stthomas.edu/academics/core-curriculum/courses/index.html>

Students can search for courses that transfer into the St. Thomas core curriculum using the transfer credit tool found here: <https://www.stthomas.edu/admissions/undergraduate/transfer/credit-transfer/index.html> You will want to make sure the course satisfies the NEW UG Core.

Civil Engineering – Major Requirements			
Minneapolis Course #	Minneapolis Course Title	Cr.	St. Thomas Course Equivalence
MATH 1180*	Calculus 1	5	MATH 113
MATH 1190*	Calculus 2	5	MATH 114
MATH 2210	Linear Algebra & Diff. Equations	5	MATH 210
PHYS 1211**	Physics for Science and Engineering 1	6	PHYS 211 (must include lab)
PHYS 1221**	Physics for Science and Engineering 2	6	PHYS 212 (must include lab)
CHEM 1151**	Principles of Chemistry 1	5	CHEM 111 (must include lab)
*Course satisfies Qualitative Analysis Requirement			
**Course satisfies Natural Science Requirement			

Computer Engineering – Major Requirements			
Minneapolis Course #	Minneapolis Course Title	Cr.	St. Thomas Course Equivalence
MATH 1180*	Calculus 1	5	MATH 113
MATH 1190*	Calculus 2	5	MATH 114
MATH 2210	Linear Algebra & Diff. Equations	5	MATH 210
PHYS 1211**	Physics for Science and Engineering 1	6	PHYS 211 (must include lab)
PHYS 1221**	Physics for Science and Engineering 2	6	PHYS 212 (must include lab)
*Course satisfies Qualitative Analysis Requirement			
**Course satisfies Natural Science Requirement			

Electrical Engineering – Major Requirements			
Minneapolis Course #	Minneapolis Course Title	Cr.	St. Thomas Course Equivalence
MATH 1180*	Calculus 1	5	MATH 113
MATH 1190*	Calculus 2	5	MATH 114
MATH 2220	Multivariable Calculus	5	MATH 200
MATH 2210	Linear Algebra & Diff. Equations	5	MATH 210
PHYS 1211**	Physics for Science and Engineering 1	6	PHYS 211 (must include lab)
PHYS 1221**	Physics for Science and Engineering 2	6	PHYS 212 (must include lab)
*Course satisfies Qualitative Analysis Requirement			
**Course satisfies Natural Science Requirement			

Mechanical Engineering – Major Requirements			
Minneapolis Course #	Minneapolis Course Title	Cr.	St. Thomas Course Equivalence
MATH 1180*	Calculus 1	5	MATH 113
MATH 1190*	Calculus 2	5	MATH 114
MATH 2220	Multivariable Calculus	5	MATH 200
MATH 2210	Linear Algebra & Diff. Equations	5	MATH 210
PHYS 1211**	Physics for Science and Engineering 1	6	PHYS 211 (must include lab)
PHYS 1221**	Physics for Science and Engineering 2	6	PHYS 212 (must include lab)
CHEM 1151**	Principles of Chemistry 1	5	CHEM 111 (must include lab)
*Course satisfies Qualitative Analysis Requirement			
**Course satisfies Natural Science Requirement			

This guide is accurate to the best of our knowledge and ability at the time of publication but is subject to change.