

PRE-ENGINEERING

TRANSYLVANIA UNIVERSITY

Office of Admissions

300 North Broadway
Lexington, KY 40508
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transy.edu



PRE-ENGINEERING

Transylvania's pre-engineering program has will let you spread out and see where your passions lie, while quickly getting you well on your way to advanced degrees.

4-1 ENGINEERING

We have a unique partnership with the University of Kentucky College of Engineering that lets you get an undergraduate degree from Transylvania and a master's degree from UK in five years. You won't find that at most schools. Pre-engineering students typically major in physics, mathematics or computer science.

You can take foundational engineering courses at UK while at Transy, starting as early as your sophomore year. They will provide you with necessary prerequisites for graduate school and won't cost you an extra—they're included in our tuition and fees. Our pre-engineering advisor will help you select your courses.

3-2 ENGINEERING

We also have an option where you can receive both a B.A. degree from Transylvania and a B.S. degree in engineering from another cooperating school of engineering. You'll take three years of study at Transy and two additional years at the cooperating school.

WHERE OUR GRADUATES STUDY:

University of Kentucky
Michigan Technological University
Virginia Tech University
University of Pennsylvania

ENGINEERING OPPORTUNITIES

Biomedical
Chemical
Civil
Computer
Electrical
Environmental
Mechanical

COURSES OF SPECIAL INTEREST

Classical Mechanics
Quantum Mechanics
Electricity and Magnetism
Computational Theory
Robotics
The Mathematician's Toolkit

FACULTY

Jamie Day, Program Director
Professor of Physics
Pre-Engineering Advisor
jday@transy.edu

"I appreciate the challenge of Transy's classes and professors and how well they prepared me for graduate school. I also got all the benefits of a UK student, with access to their facilities and connections for engineering internships."

—Andrew Meyer '17, Pre-Engineering 4-1 Graduate

