



## ENGINEERING DUAL-DEGREE PROGRAM

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The Dual Degree Engineering Program is a study designed for students who wish to become professional engineers or applied scientists. At Westminster, students spend their three or four years building a strong foundation in the humanities and social sciences while completing a Pre-Engineering minor and a major of their choosing (typically Math or Physics). Students meeting the admission expectations of the engineering institution should be able to complete the engineering degree with only two additional years of study. At the end of this time, the student will receive a Bachelor of Science degree in Engineering from the engineering institution and a Bachelor of Arts degree from Westminster College (assuming completion of the normal requirements for a B.A. degree).

Westminster has formal partnerships with Washington University in St. Louis and Missouri S&T. Bachelor's degrees offered by the McKelvey at Washington University can be found on their [website](#). Bachelor's degrees offered by Missouri S&T can be found on their [website](#). Bachelor's degrees offered by the College of Engineering at Southern Illinois University at Carbondale can be found on their [website](#).

In order to qualify for the program students must fulfill the following requirements at Westminster:

- A minimum of 70-90 semester hours of transferable college credit (courses with grades of C or better).
- Engineering – Introduction to Engineering and Design
- Mathematics – Calculus I, II, III and Differential Equations
- Chemistry – One course, including laboratory
- Computing and Digital Technology – One course or certified proficiency in a high-level programming language
- Physics – Physics I and II with laboratory
- All general education (breakthrough) requirements
- Additional coursework which depends on the student's chosen engineering field

A GPA of 3.25 or better, both overall and in science and mathematics courses, is required for admission to the Dual Degree Program at Washington University, and a GPA of 2.5 is required for admission to Missouri S&T. Applicants with lower GPAs are considered on a case-by-case basis. The liaison for the Dual Degree Engineering Program is [Dr. Peng Yu](#) of the Department of Mathematics.