

PRE-ENGINEERING

Requirements

The pre-engineering student should plan four or four and one-half courses each semester, and never less than three and one-half. In addition to DePauw's requirements, students must satisfy the requirements of the chosen engineering school. All students must complete differential equations (MATH 363), one year of physics (PHYS 120 and 130), one course in computer programming (CS 121), at least one semester of chemistry (CHEM 120 or 130) and a two course concentration outside the sciences and mathematics (with one course at the 300 level). Additional science course requirements vary with the chosen engineering field. The standard minimum GPA for automatic transfer to one of these engineering colleges is 3.3.

Schools

DePauw has formal agreements with two engineering schools - [Columbia University](#) and [Washington University \(St. Louis\)](#). These agreements enable students to earn both the B.A. from DePauw and the B.S. in Engineering after a five-year course of study. Normally, this includes three years at DePauw and two years at the engineering school. However, due to the intensive character of engineering education, some students in some fields may require two and one-half to three years beyond the DePauw phase.

Other options, including the 4-2 program leading to a either a bachelor's or master's degree in engineering, are available. Prospects for transfer to other engineering schools with which DePauw does not have a formal agreement should be discussed with the pre-engineering adviser ([Prof. Brooks](#)).