

Engineering

Cooperative Program in Engineering with Witchger School of Engineering at Marian University

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Franklin College maintains a cooperative 5-year program with the Witchger School of Engineering at Marian University. Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Marian University in one of four engineering fields, typically in the span of five years. The engineering degrees available through this program are:

Chemical Engineering (B.S.)
Civil Engineering (B.S.)
Computer Engineering (B.S.)
Mechanical Engineering (B.S.)

Students will declare a major in Applied Mathematics and follow that degree program as stated in the catalog. Students with a declared enrollment in the engineering program will be given priority during registration in subsequent semester(s).

Students following the engineering program will be required to make certain selections in their liberal arts core and for major courses currently listed as electives in order to satisfy the engineering requirements at Marian University. Those choices are as follows:

Chemical Engineering

CHE 121 & 123 General Chemistry I and Lab
CHE 122 & 124 General Chemistry II and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER
PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Civil Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER
PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Computer Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab

EITHER

PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Mechanical Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER

PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

For students intending on pursuing Chemical, Civil, Computer, and Mechanical Engineering degrees and who are therefore majoring in Applied Mathematics:

- The courses indicated in the tables above satisfy the “9 additional credit hours” requirement for the major.
- EGR 156 Intro to CAD taken at Marian University will be accepted as fulfilling the “One of the following courses” requirement in the related field for the major.
- PDP 200 Preparing for Your Internship is waived as a requirement for the Applied Mathematics degree for students in the engineering program.
- INT 261 may be satisfied by an internship in engineering done through Marian University if the student chooses.

Information on specific coursework in these programs is available at: <https://www.marian.edu/school-of-engineering/>

During the sophomore in the engineering program at Franklin College, students take one course each semester at Marian University through the Consortium for Urban Education (CUE), also referred to as cross-registration. These courses are limited in seating and need to be requested through the Academic Records Office at Franklin College well in advance. (CUE requests are not processed at the hosting schools until their students have completed registration.) Member schools of the consortium require a student to enroll through their home school (Franklin College) and pay all tuition and fees through the student’s home school. Any other fees and books for the CUE courses are the responsibility of the student.

Students will not receive a transcript from the host institution; instead the grade is sent to the Academic Records Office at Franklin College to be recorded on the Franklin College transcript and is entered as a grade; however, the student’s GPA is not impacted by courses taken off campus.

If a student’s request for cross-registration gets denied for any reason, please see Dr. John Boardman immediately. All questions regarding CUE/cross registration should be directed to the Associate Registrar in the Academic Records Office.