Engineering - Dual Degree

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Program Description

Gettysburg College's engineering dual-degree program combines the enhanced communication skills and creativity of a liberal arts education with the focused rigor of a highly regarded engineering program.

Gettysburg College offers dual-degree engineering programs in conjunction with Columbia University in New York City, Rensselaer Polytechnic Institute in Troy, N.Y., and Washington University in St. Louis, Mo.

Upon successful completion of the program, the student is awarded the bachelor-of-arts degree from Gettysburg and the bachelor-of-science degree in an engineering discipline from one of the three affiliated universities. American students who qualify for financial aid at Gettysburg College will usually be eligible for similar aid at the engineering affiliate universities. International students who qualify for aid at Gettysburg are not guaranteed financial aid, although it is sometimes available.

Candidates for this program have an adviser in the physics department. Normally, a student will be recommended to Columbia, RPI, or Washington University during the fall semester of the junior year. Under the typical "3-2" option, students spend three years at Gettysburg and two at the partner institution.

Bret Crawford - Faculty advisor

Links:

Washington University at St. Louis

- Pre-Combined Plan Curriculum Guide (PDF)

Columbia University

- Pre-Combined Plan Curriculum Guide (PDF)

Rensselaer Polytechnic Institute

Program Requirements

Students must have a minimum of a 3.25 grade point average in order to be recommended. The specific courses required for admission by each affiliated institution vary and students should schedule courses in

close cooperation with the Engineering Adviser at Gettysburg.

All dual-degree engineering students must take Physics 111, 112, 211 or Physics 109, 110 (depending on engineering field this may be the preferred option for non-physics majors); Mathematics 111, 112, 211, (plus 212 and 225 for many engineering fields); Chemistry 107; and Computer Science 107 or 111 (depends on engineering field). Students interested in Columbia University should also take Economics 103 or 104. All dual-degree engineering students must complete the Gettysburg College distribution requirements while at Gettysburg.

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