



Engineering Dual-Degree Program

W&J's engineering and applied science dual-degree program allows students to begin their studies in an intensive liberal-arts environment, building a core of foundational skills such as oral and written communication and scientific and mathematical competency, before completing their studies at one of our partner institutions: Case Western Reserve University, Washington University in St. Louis, Columbia University, and the University of Pittsburgh. At the time of completion, students are awarded two degrees: a degree from W&J in any field of their choosing, and a BS degree in an engineering or applied science field from the partner school.

Program Features

Students may choose any of W&J's 30+ academic majors.

Students work closely with W&J faculty to develop scientific problem-solving skills, as well as the communication skills and broad perspective necessary to be effective in modern engineering fields.

Students use the supportive, personalized W&J environment to develop skills and confidence needed for success in engineering.

Completion schedule is flexible; students may spend either three or four years at W&J. Most students complete the program in 3+2 years.

Washington University in St. Louis also offers a 3+3 degree that culminates in an MS degree.

Program Requirements

To qualify for the program, students must:

- complete a W&J major, as well as W&J's general education requirements
- complete a set of engineering prerequisite courses, primarily in math and science
- meet minimum GPA requirements (3.30), both overall and in engineering prerequisite courses
- meet a residency requirement of six semesters at W&J

A full list of courses and descriptions can be found online in the College catalog.



Program Website

washjeff.edu/physics

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Beyond the Classroom

Students have many opportunities for research, internships, conferences, and networking beyond the classroom that give them an advantage to prepare for life after W&J.

Areas of Study

Our partner schools offer a wide range of engineering and applied-science disciplines including:

- mechanical and aerospace engineering
- electrical engineering
- chemical engineering
- civil engineering
- software and computer engineering
- applied physics
- applied mathematics
- computer science
- materials science

Careers and Internships

Students complete their studies in a world-class technical university, taking advantage of the research opportunities, co-op and internship programs, and career placement resources of our partner schools.



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