



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, and Columbia University. 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 Website

washjeff.edu/physics

Program Coordinator

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Faculty

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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.

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.

Office of Admission

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