



ENGINEERING ND 3+2 & WU 3+2+1 ACCELERATED

BACHELOR OF SCIENCE (B.S.)

Study engineering at King's for three years and then transfer to Notre Dame or Washington University, where you'll dive into engineering courses.

Upon successful completion of the program, students receive a B.S. in a science program from King's College and a B.S. in Engineering from Notre Dame. The WashU 3+2+1 program allows students to complete three years at King's, then transfer out to earn a B.S. and M.S. in engineering. Both programs have minimum GPA requirements.

OPPORTUNITIES AT KING'S COLLEGE

At King's, students will be studying within a science field and will receive a B.S. in physics, chemistry, environmental and ecological sciences, or computer science. More unique opportunities include:

Track flexibility: students can choose which college they attend after the first three years at King's, in addition to studying what area they're most passionate about.

First-Year Engineering Seminar: different engineering disciplines and career options are explored to help students choose the track that is right for them, followed by a second-year Systems Design course.

Experience life in another city: students can travel outside of Northeastern Pa., which helps to build a network for future experiences and opportunities.

Authentic engineering experience: design throughout the program with tools real engineers use in the industry to solve complex, open-ended problems. Visit construction sites, tour engineering offices, and attend local professional engineering meetings.

Active community: join engineering clubs and service projects on and around campus.



**KING'S
COLLEGE**
TRANSFORMATION. COMMUNITY. HOLY CROSS.

CAREER OPPORTUNITIES

Our graduates can go down a multitude of paths, and so the careers available will depend on the students' chosen track. The B.S. in Engineering from Notre Dame includes aerospace, chemical, civil, computer, electrical, environmental, or mechanical engineering.

Washington University offers biomedical, chemical, computer, electrical, environmental, mechanical, or systems engineering. Graduates can find successful careers as:

- mechanical engineers
- civil engineers
- aerospace engineers
- chemical engineers

DEGREE REQUIREMENTS

Below is a sample of courses offered in this program for students pursuing the B.S. in Physics. For a list of courses for the other B.S. tracks, see our Degree Requirements online

| | |
|-------------------|-----------------------------------------|
| CHEM 113/L | General Chemistry I |
| CHEM 114/L | General Chemistry II |
| PHYS 113/L | Physics for Scientists and Engineers I |
| PHYS 114/L | Physics for Scientists and Engineers II |
| MATH 129 | Analytic Geometry/Calculus I |
| MATH 130 | Analytic Geometry/Calculus II |
| MATH 231 | Analytic Geometry/Calculus III |
| MATH 238 | Differential Equations |
| MATH 250 | Linear Algebra |
| ENGR 300/L | Programming for Science and Engineering |
| ENGR 150 | Engineering Seminar |
| ENGR 250/L | System Design and Analysis |
| PHYS 231 | Modern Physics with Lab |
| PHYS 330 | Classical Mechanics |
| PHYS 371 | Electricity and Magnetism I |
| PHYS 350 | Thermodynamics |
| PHYS 440 | Quantum Mechanics |
| PHYS 490 | Senior Physics Seminar |

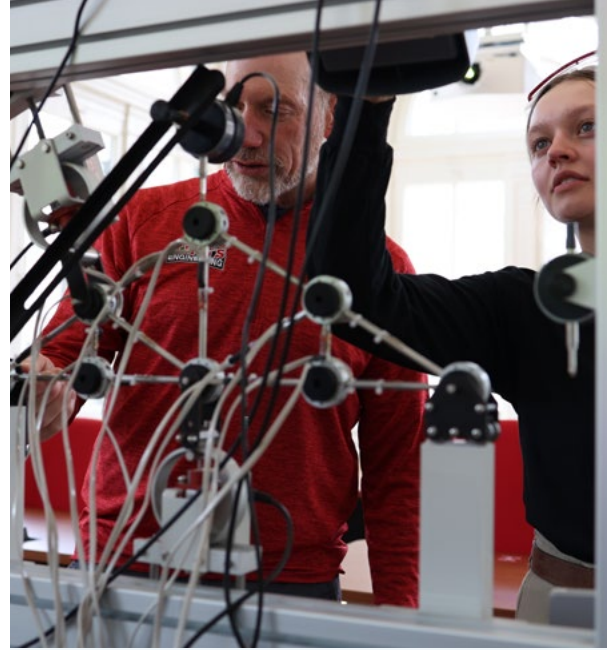
SIMILAR MAJORS

Mechanical Engineering B.S.

Creatively design a machine for a real client. From factory devices to robots that use ultrasound to navigate autonomously, you'll use your expertise to create machines that help people.

Civil Engineering B.S.

Explore our civil engineering program and learn to design all kinds of structures that help people, including bridges, dams, airports, harbors, and skyscrapers.



\$134,830

MEDIAN ANNUAL SALARY FOR
AEROSPACE ENGINEERS

6%

OVERALL EMPLOYMENT GROWTH
FROM 2023-33

*Statistics provided by U.S. Bureau of
Labor Statistics*

CONTACT US

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