

# DOCTOR OF ENGINEERING

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<https://engineering.jhu.edu/doctor-of-engineering/>

Johns Hopkins University's Doctor of Engineering (D.Eng.) program provides professional engineers with the advanced technical expertise they need to succeed in industry and the public sector by emphasizing creative problem solving and the innovative application of technical knowledge

- The D.Eng. program is a doctoral-level graduate degree program designed for working engineers and scientists.
- It is a full-time program that is pursued non-residentially with semiannual D.Eng. conferences held at the Homewood Campus in Baltimore twice a year (once in January and once in June).
- The program takes the form of a research collaboration between a student's employer and the Whiting School of Engineering. Students are actively mentored by a primary advisor in the Whiting School as well as a co-advisor at their place of employment.
- Students customize their program (<https://engineering.jhu.edu/doctor-of-engineering/about-the-program/program-structure/>) to meet their professional goals, and immediately contribute to their current job responsibilities.
- D.Eng. graduates are more knowledgeable, innovative, and creative problem solvers, and are better prepared for technical leadership roles in industry and the public sector.

## Programs

- Engineering, Doctor of Engineering (<https://e-catalogue.jhu.edu/engineering/full-time-residential-programs/degree-programs/doctor-engineering/engineering-doctor/>)

For current course information and registration go to <https://sis.jhu.edu/classes/>

## Courses

### **EN.700.791. Doctor of Engineering Fundamentals. 10 Credits.**

This is an intense, professor-guided, individualized course for D.Eng. students preparing for their Preliminary Examinations. The course instructor is the student's primary advisor and sets the requirements. Successful students pass their Preliminary Examinations upon completing this course. Students may enroll in this course for multiple semesters if necessary.

### **EN.700.792. Doctor of Engineering Research Proposal. 10 Credits.**

The purpose of this course is to synthesize a coherent research proposal for the Doctor of Engineering major project. The course instructor is the student's primary advisor, working with the student to create the research proposal to be defended in a public presentation and private examination. Students may enroll in this course for multiple semesters if necessary.

### **EN.700.891. Doctor of Engineering Research. 10 - 20 Credits.**

Students enroll in this course upon completion of their Research Proposal Examinations while they are conducting advanced engineering research under the supervision of their advisors. The number of credits awarded will vary based on the amount of time students devote to their research; this is exactly analogous to how we assign credit hours for dissertation research for Ph.D. students. Course is for Doctor of Engineering students only. Course is repeatable for credit.