Central to the Department of Mechanical Engineering is the second largest program on the campus of the University of Maryland, College Park. It boasts a multi-disciplinary educational experience incorporating hands-on training. Its faculty and researchers receive grants and recognition from the Department of Energy, the Department of Defense, and the National Science Foundation.

### Faculty Ranks
- **44** Tenure and Tenure-Track Professors
- **3** Presidential Early Career Award for Scientists and Engineers (PECASE) Recipients
- **11** Faculty Early Career Development Award (CAREER) Recipients
- **3** National Academy of Engineering Members

### Enrollment (AY23-24)
- **1,121** Undergraduate Students
  - **19%** Female
  - **18%** Underrepresented Minorities
- **219** Graduate Students
  - **22%** Female
  - **8%** Underrepresented Minorities

### Research Areas
- Advanced Lifecycle Engineering
- Environmental Energy Engineering
- Risk and Reliability Engineering
- Industrial Artificial Intelligence
- Sustainability in the Built Environment
- Precision Shellfish Aquaculture

### Research Expenditures (FY24)
- **$25.9M**

### Alumni
- **12,000+** Degrees Awarded (AY23-24)
  - **327** Bachelor
  - **61** Master’s
  - **37** Doctoral

### Undergraduate Employers
- Northrop Grumman
- Whiting-Turner
- Clark Construction
- NAVAIR/NAVSEA
- Space X
- JHU Applied Physics Lab
- Lockheed Martin

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**Data as of August 2024**

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