Academic Units

- Acoustics
- Aerospace Engineering
- Agricultural and Biological Engineering
- Architectural Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil and Environmental Engineering
- Electrical Engineering and Computer Science
- Engineering Science and Mechanics
- Industrial and Manufacturing Engineering
- Mechanical and Nuclear Engineering
- Engineering Design, Technology, and Professional Programs

One-Year M.S./M.Eng. Programs

- Acoustics
- Aerospace Systems and Technology
- Architectural Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Engineering at the Nano-scale
- Engineering Design
- Engineering Leadership and Innovation Management
- Engineering Mechanics
- Engineering Science and Mechanics
- Environmental Engineering
- Facilities Engineering and Management
- Industrial Engineering
- Fall 2017: Additive Manufacturing and Design

Facilities

<table>
<thead>
<tr>
<th>Buildings on Campus</th>
<th>48 (15 in core area, 33 nearby)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buildings off Campus</td>
<td>Philadelphia Navy Yard</td>
</tr>
<tr>
<td>Square Footage</td>
<td>739,000 at UP</td>
</tr>
<tr>
<td>Class Labs</td>
<td>74,000 sq ft</td>
</tr>
<tr>
<td>Research Labs</td>
<td>310,000 sq ft</td>
</tr>
</tbody>
</table>

College Highlights

- 23 new faculty hired for 2016-2017
- 24% of first-year students entering University Park for Fall 2016 are women
- Two major building projects: state-of-the-art Chemical and Biomedical Engineering building (194,000 sq ft) and expanded Agricultural and Biological Engineering building (adding 35,000 sq ft)

Enrollment

- 3,047 Other Campuses
- 11,113 COE Total (Fall 2016)
- 8,066 at UP
- 73 Bio E
- 1,741 Master’s
- 897 Ph.D.

With a firm grounding in fundamentals, Penn State Engineering embraces multidisciplinary and interdisciplinary education and research, and integrates component solutions into a systems perspective. With 12 departments and schools offering undergraduate and graduate degrees in a broad spectrum of engineering disciplines and computer science, and with more than 30 research centers and laboratories, we are one of the nation’s leading academies of learning, discovery, and application.

Our work is intertwined with industry, both at our doorstep in Pennsylvania and further afield, thus affording our students unparalleled training and employment opportunities.
### Degrees Awarded

- **Total Degrees at UP (AY 2015-16):** 2,229
- **Ph.D. at UP:** 1,731
- **Master's at UP:** 343
- **Baccalaureate at UP:** 155

For detailed information, see the Annual Report of Research Activity, Office of the Vice President for Research, Fiscal Year 2015-16.

This includes $17.2M in subcontracts to other entities and $31.4M research supported from internal sources.

### Faculty

#### TENURE/TENURE-TRACK

- **Professor, Associate Professor, and Assistant Professor:** 256

### University-Wide Institutes

- Penn State Institute for CyberScience
- Penn State Institutes of Energy and the Environment
- Huck Institutes of the Life Sciences
- Materials Research Institute
- Institute for Natural Gas Research at Penn State
- Rock Ethics Institute
- Social Science Research Institute

### Opportunities as a Penn State Graduate Student

- Global Connections
- Teaching Fellowships
- Summer Placement in Top Universities
- Travel Support
- Support on Multiple Technical Topics

### Interdisciplinary Research

- NSF Materials Research Science and Engineering Center
- NSF Industry/University Cooperative Research Centers
- NSF Critical Zone Observatory
- NSF Expedition in Computing
- NSF Nanoscale Engineering Research Center
- Many others...

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