



Who

are engineers?

**DISCOVER
DESIGN
DEVELOP**

Engineers are creative problem solvers who make our lives better by designing and producing goods and services that benefit people. They apply mathematical and scientific principles to find solutions to the challenges facing our society.

Look around you. An engineer has likely been involved in developing most of the things you see. The homes we live in, the cars we drive, the highways we navigate, the technology we rely upon, the health care we need—engineers make them happen.

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Engineering Majors at Penn State

Aerospace Engineering
 Architectural Engineering
 Biological Engineering
 Biomedical Engineering
 Biomedical Engineering Technology*
 Chemical Engineering
 Civil Engineering
 Computer Engineering
 Computer Science
 Computational Data Sciences
 Electrical and Computer Engineering
 Technology*
 Electrical Engineering

Electrical Engineering Technology
 (available as a two-year or four-year degree)*
 Electro-Mechanical Engineering Technology*
 Energy Engineering**
 Engineering*
 Engineering Science
 Environmental Systems Engineering**
 Industrial Engineering
 Interdisciplinary Business w/ Engineering
 Studies*
 Materials Science and Engineering**
 Mechanical Engineering

Mechanical Engineering Technology
 (available as two-year or four-year degree)*
 Mining Engineering**
 Nuclear Engineering
 Petroleum and Natural Gas Engineering**
 Plastics Engineering Technology*
 Polymer Engineering and Science*
 Rail Transportation Engineering*
 Software Engineering*
 Structural Design and Construction
 Engineering Technology*
 Surveying Engineering*
 Surveying Engineering Technology*

*Offered only at Penn State campuses

**Offered through the College of Earth and Mineral Sciences

