Stanford School of Engineering

SoE Departmental Majors*

Aeronautics and Astronautics (AA)
250A Durand [H-6] — Patrick Ferguson
Structural, aerodynamic, guidance & control, and propulsion problems of aircraft and spacecraft

Bioengineering (BioE)
S165 Clark Center [E-6] — Teri Hankes
A fusion of engineering, the life sciences, & medicine

Chemical Engineering (ChE)
113 Stauffer III [F-7] — Pamela Dixon
Fundamental knowledge and pioneering technologies in chemical science & engineering

Civil Engineering (CE)
316 Y2E2 in SEQ [G-6] — Jill Filice
Design, construction and management of sustainable buildings and infrastructure

Computer Science (CS)
182 Gates [F-7] — Claire Stager
The science of computing in a wide-ranging field of focus areas

Electrical Engineering (EE)
177 Packard [F-6] — Amy Duncan
Combining the physical & mathematical aspects of electronics for advanced systems

Environmental Engineering (EnvE)
316 Y2E2 in SEQ [G-6] — Jill Filice
Assess & develop solutions to environmental issues impacting the biosphere, land, water, and air quality

Management Science and Engineering (MS&E)
141 Huang in SEQ [G-6] — Lori Cottie
Plan, design, and implement complex economic and technological management systems

Materials Science and Engineering (MatSci)
111 Durand [H-6] — Fi Verplank
Study the relation between the structure, processing, and properties of materials

Mechanical Engineering (ME)
Bldg 530, Rm 125 [H-8] — Kelly Guerriero
Conceptualization, analysis, design, and fabrication of mechanical devices, processes, and systems

Interdepartmental Majors in Engineering*

Architectural Design (AD)
316 Y2E2 in SEQ [G-6] — Jill Filice
Blending architectural design with cutting-edge engineering technologies

Atmosphere and Energy (AE)
316 Y2E2 in SEQ [G-6] — Jill Filice
Study of fossil fuel and sources of renewable energy to provide students with the fundamental background necessary to create efficient energy systems.

Biomechanical Engineering (BME)
Bldg 530, Rm 125 [H-8] — Kelly Guerriero
Integrates biology and clinical medicine with engineering mechanics and design

Biomedical Computation (BMC)
135 Huang in SEQ [G-6] — Darlene Lazar
Combines biology, medicine, and computer science in a cutting-edge interdisciplinary degree

Engineering Physics (EPhs)
135 Huang in SEQ [G-6] — Darlene Lazar
Combines physics and mathematics with engineering design and problem-solving skills

Product Design (PD)
Bldg 530, Rm 125 [H-8] — Kelly Guerriero
Mechanical engineering with a focus on product conception and design

Individually Designed Majors in Engineering (IDMEN)
135 Huang in SEQ [G-6] — Darlene Lazar
Design your own program in an area not covered by existing majors

*Bracketed code indicates location on map

No separate application is needed to declare a major in engineering at Stanford; see UG Admissions for the University application process at [http://admission.stanford.edu/](http://admission.stanford.edu/)

Find details on SoE programs in
The Handbook for Undergraduate Engineering Programs
| [http://ughb.stanford.edu](http://ughb.stanford.edu) |