Bioengineering
At the intersection of life and physical sciences biomedical engineers apply principles of engineering to understand and model living systems and design novel therapies to improve human health.

Degrees offered: Engineering Sciences SB (Bioengineering track), Biomedical Engineering AB

Electrical Engineering
Covers a range of research areas from devices to systems, offering ample research opportunities, both theoretical and experimental, at the forefront of the field and its interdisciplinary applications.

Degrees offered: Electrical Engineering SB, Engineering Sciences AB (Electrical and Computer Engineering Track)

Environmental Science and Engineering
To understand, predict, and respond to natural and human-induced environmental change, environmental scientists and engineers provide technical solutions and advance innovations in environmental measurements, modeling, and control.

Degrees offered: Environmental Science and Engineering AB, Engineering Sciences SB (Environmental Science and Engineering track)

Mechanical Engineering
Mechanical engineering uses the principles of physics and materials science for the analysis and design of mechanical and thermal systems.

Degrees offered: Mechanical Engineering SB, Engineering Sciences AB (Mechanical and Materials Science and Engineering Track)
Frequently asked questions

- What’s the difference between Bachelor of Arts (A.B.) and Bachelor of Science (S.B.)?
  - A.B.: 14-16 courses, more flexible requirements, can do research thesis, can do joint concentration
  - S.B.: 20 courses, engineering design courses, including individual capstone design project in ES100 (this is a required thesis), ABET-accredited (for professional licensure)

- How can I get involved in research?
  - Term-time: SEAS labs welcome undergraduates to work on research projects during the term
  - Summer: Students regularly join SEAS labs with funding through PRISE, HCRP, HUCE
  - Many students participate in research at other national universities through NSF REU programs

- What kinds of internships can I do?
  - Research internships are available through SEAS and national labs. See above.
  - Industry internships are available and can be found by attending SEAS career fairs or talking to the SEAS Experiential Learning Director, Keith Karasek (kkarasek@seas.harvard.edu)

- Where do I start?
  - Start taking math (according to placement) and science in your first year
  - Talk to a concentration advisor (ADUS) in any of our fields to chat about your options
  - Take one of our introductory courses (see below)
  - Join a SEAS club (HGES, EWB, HURC, etc.)

Full FAQ @ www.seas.harvard.edu/programs/engineering/engineering-faqs