GROW WITH 1-ENG

GENERAL DEPARTMENT REQUIREMENTS

CORES

Environment
Systems
Mechanics/Materials
Custom

ELECTIVES

UNRESTRICTED ELECTIVES

FLEXIBLE DEGREE

Grounded in science and engineering, we seek to understand the world, invent, and lead with creative design.

OUR STUDENTS DEFINE THE FUTURE.

phone: 617-253-9723
on campus: 1-290
email: one-eng@mit.edu
web: cee.mit.edu

cee.mit.edu
Bachelor of Science in Engineering

GIRs – GENERAL INSTITUTE REQUIREMENTS
GDRs – GENERAL DEPARTMENTAL REQUIREMENTS (54 UNITS)
Fundamentals of math, computation, probability, and statistics.

1.00 Introduction to Computers and Engineering Problem Solving,
   12, REST; Calculus I (GIR)
   or
1.000 Computer Programming for Scientific and Engineering Applications,
   12, REST; 18.03
1.073 Introduction to Environmental Data Analysis, 6; 1.010
   or
1.074 Multivariate Data Analysis, 6; 1.010
18.03 Differential Equations, 12, REST; Calculus II (GIR)
1.010 Uncertainty in Engineering, 12; Calculus II (GIR)
1.013 Senior Civil and Environmental Engineering Design,
   12, CI-M; permission of instructor

CORE (54-60 UNITS)
Students select an area of core coursework from the following choices:
Alternatively you may create your own core using a combination of the above in consultation with your advisor and with approval from the undergraduate chair.

BRANCH
Students choose branch subjects based on their individual interest and career goals. The branch is formed in consultation with your advisor.

The branch is comprised of:
4 Restricted Electives with Engineering Content (48-60 Units): select from subjects offered within or outside of CEE to form a coherent program of study.
4 Unrestricted Electives (48-54 units)

TRACK
A Track = GDRs + A Core + A Branch

FOR MORE INFORMATION VISIT: cee.mit.edu/undergraduate

1-ENG mixes rigor and depth with applications to critical areas of societal importance.