

## Studying Chemical Engineering prepares me to . . .

Apply knowledge of mathematics, physics, chemistry, biology and engineering to produce useful high performance materials and products

Participate in engaging and impactful engineering research in chemical, biomedical, environmental, energy, materials science or related fields

Design a system, component, or process to meet desired needs within realistic constraints

Collaborate on multidisciplinary teams

Guide the passage of products from ideas and prototypes in the lab to functioning materials, devices and processes in the marketplace

Build foundational knowledge in thermodynamics, transport, kinetics, synthetic and biological materials, electrochemical processes, reactor design, and computational solutions

Develop technical expertise in the tools, techniques and skills of chemical engineering and emerging technologies in alternative energy, fine chemicals, advanced materials, and medical devices

Communicate solutions and recommendations effectively

Learn about the undergraduate Chemical Engineering program: [cheme.columbia.edu](http://cheme.columbia.edu)

COLUMBIA UNIVERSITY CENTER FOR  
**Career Education**

## What are recent alumni doing?

A sample of places where department alumni started their careers.

JOB TITLE	ORGANIZATION	INDUSTRY
Operations Analyst	 <i>A Member of the Roche Group</i>	Biotech & Life Sciences
Environmental Engineer	 Federal Energy Regulatory Commission	Government
Chemical Engineer		Consumer Goods
Process Engineer		Manufacturing
Business Analyst	McKinsey & Company	Consulting
Research Associate		Biotech & Life Sciences
Associate Scientist		Pharmaceuticals
Business Analyst Associate	 ALLIANCEBERNSTEIN	Investment/Portfolio Management
Research Scientist	 SUEZ Water Technologies & Solutions	Scientific/Technical Consulting
Upstream Engineer		Oil & Gas
Associate Scientist	L'ORÉAL	Consumer Goods
Associate Engineer		Utilities & Renewable Energy

## Graduate School

Recent alumni entered MS and PhD programs at . . .

  
UC DAVIS  
UNIVERSITY OF CALIFORNIA

 Massachusetts  
Institute of  
Technology

  
Berkeley  
UNIVERSITY OF CALIFORNIA

  
Stanford  
University

  
Carnegie  
Mellon  
University

  
Caltech

 COLUMBIA | ENGINEERING  
The Fu Foundation School of Engineering and Applied Science

Northwestern |  MCGONAGLE SCHOOL OF ENGINEERING

For more industries and job titles to explore, visit [What Can I Do With This Major at cce.columbia.edu](http://WhatCanIDoWithThisMajoratcce.columbia.edu) or schedule a meeting with a CCE career counselor.