

CHEMICAL & MOLECULAR ENGINEERING



Stony Brook University
College of Engineering
and Applied Sciences

Chemical engineers design chemical manufacturing processes and evaluate production costs for many important industries. They apply their knowledge of chemistry, biology, physics, and math to solve problems they encounter in the production of chemicals, plastic, fuel, drugs and food. Chemical engineers also work in the health care and microelectronics sectors.



Pre-college preparation

- Physics • Math • Chemistry

@ Stony Brook

Our program places a strong emphasis on molecular-level engineering and distinguishes itself from other chemical engineering programs in the U.S., which focus mainly on petrochemical and large-scale industrial operations.

Our unique emphasis serves the needs of regional industry that consists mostly of biomedical, health care, and microelectronics companies, in addition to traditional petrochemical companies.

Our students participate in many cutting-edge research opportunities on campus, at other universities and national laboratories. They present their research findings at regional and international conferences, and some have published papers in peer-reviewed journals. They also enjoy industrial internship opportunities where they gain first-hand knowledge and skills as chemical engineers.

URL: <http://www.stonybrook.edu/cme/>