

**CHEMICAL &
BIOLOGICAL ENGINEERING
BOOT CAMP**

OPEN TO HIGH SCHOOL STUDENTS IN GRADES 10-12

DECEMBER 15-16, 2026 | 10:00 A.M. – 2:00 P.M.

AMERICAN UNIVERSITY OF SHARJAH CAMPUS

Discover what it's like to work in the exciting fields of chemical and biological engineering through this special two-day boot camp for high school students.

BOOT CAMP PROGRAM

At this informative and engaging camp, you will:

- learn more about chemical and biological engineering
- discover the manufacture of products through chemical and biological processes
- enjoy hands-on activities in our state-of-the-art chemical and biological engineering laboratories
- enhance your communication and teamwork skills
- make new friends with similar interests
- receive a certificate of attendance
- enjoy an unforgettable campus experience at AUS

DAY 1 | DECEMBER 15 | 10:00 A.M. - 2:00 P.M.

Learn About Chemical and Biological Engineering

Students will:

- Participate in lab visits and become familiar with chemical and biological engineering laboratories, equipment, and facilities.
- Observe demonstrations of a cooling tower and a reverse osmosis (RO) desalination unit.
- Perform material testing to evaluate the properties and performance of engineering materials.

DAY 2 | DECEMBER 16 | 10:00 A.M. - 2:00 P.M.

Synthesize Chemical and Biological Engineering Products

Students will :

- Learn about raw materials and processes used to produce chemical and biological engineering products.
- Synthesize products such as soap through batch experiments using natural ingredients.
- Prepare microfluidic devices using 3D bioprinting.
- Visit the AUS Library and learn about its resources and services.

REGISTER NOW

Seats are limited

Cost: Free of charge, but students will be selected according to their statement of interest and according to our available capacity.

Registration Deadline: December 01, 2026

To register: Visit www.aus-chebootcamp.com
or contact Ms. Aileen Yulay at ayulay@aus.edu; 06 515 2167