College of Applied Science and Engineering

The College of Applied Science and Engineering (http://case.mines.edu) (CASE) comprises four academic departments:

- Department of Chemical and Biological Engineering
- Department of Chemistry
- Department of Metallurgical and Materials Engineering
- Department of Physics

Faculty in these departments also work with faculty in other colleges across the Mines campus to mentor graduate students in the these interdisciplinary graduate programs:

- Geochemistry
- Integrative Graduate Program in Quantitative Biosciences & Engineering (https://QBE.mines.edu)engineering
- Materials Science Program
- Nuclear Science and Engineering Program

Through these departments and programs CASE is proud to offer rigorous and highly-regarded educational programs, featuring an emphasis on problem solving and critical thinking, that address professional and societal needs. CASE departments and programs are also leaders in the creation of knowledge, recognizing the critical role research plays both in building a dynamic and rigorous intellectual learning community and in the advancement of humankind. The college structure facilitates collaboration among our departments, allowing our faculty and students to tackle the most challenging problems, with a particular emphasis on analysis of relevant systems at the molecular level.

The students and faculty in CASE are working collaboratively toward a shared vision of academic excellence. To learn more about each department’s extraordinary capabilities and accomplishments visit their websites and the College (https://case.mines.edu) website.