Computer Science - BS

General Program Information

Requirements Download
Computer Science - BS - 2024.pdf

Program Title
Computer Science - BS

Program Type
Bachelor's Degree

Learning Outcomes
PLOs-UCSB_CompSci(BS).pdf

Program Description
The Department of Computer Science offers students in the College of Engineering a Bachelor of Science degree. As a student in the program, you'll have access to foundational courses and a comprehensive set of electives. You'll learn about core concepts and cutting-edge topics in computer science. The combination of hands-on experience and a depth of understanding of computer theory, systems, and applications will prepare you for a successful career in computer science and to contribute to the next generation of technological advances.

Featured Courses
CMPSC111 INT COMPUTAT SCI, CMPSC165A ARTIF INTELLIGENCE, CMPSC177 COMPUTER SECURITY, CMPSC178 INTRO CRYPTOGRAPHY, CMPSC180 COMPUTER GRAPHICS, CMPSC185 HUM-COMP INTERACT

Graduate and Professional Pathways

- Information technology (cloud computing, database, networking systems)

- Software development

- Computing in non-IT sectors: financial, health care, manufacturing, etc.

- Artificial Intelligence and Machine Learning

- Computer Systems

- Security and Privacy

Top Employers

- Google

- Meta

- Amazon

- Uber

- Lyft

- Microsoft

- Oracle

- Snap

- Electronic Arts

- NASA

- VMWare

- Apfollio

- LinkedIn

- Adobe

- Apple

- AirBnB, and many others

- Startups

- Many also go on to pursue a graduate degree

Program Highlights
- We offer multidisciplinary research opportunities

- We are commited to supporting diversity and diverse viewpoints

- Our research aims to have an impact on society

Related Disciplines
- Environmental Science and Sustainability

- Social Justice

- Engineering

- Health Care

- Cognitive Science

Associated Interests
- Internet of Things

- Data science

- Machine learning

- Artificial intelligence

- Gaming

- Human-computer interaction

Learn More!

https://cs.ucsb.edu/education/undergraduate/overview