



University of California, Santa Barbara
Program Learning Outcomes

B.S. in Computing – College of Creative Studies

Students graduating with a B.S. in Computing should be able to:

- Analyze a problem, and identify and define the computing requirements appropriate to its solution.
- Design, implement, and evaluate a computer-based system, process, component, or program to meet specified requirements.
- Communicate effectively orally and in writing to an audience of technical peers.
- Use current techniques, skills, and tools necessary for computing practice.
- Apply mathematical foundations, algorithmic principles, and computer science theory in the design and analysis of computer-based systems.
- Apply design and development principles in the construction of software systems.