

COMPUTER SCIENCE

Undergraduate Programs

- Applied Computer Programming, BS (<http://catalog.okstate.edu/arts-sciences/computer-science/applied-computer-programming-bs/>)
- Computer Science, BS (<http://catalog.okstate.edu/arts-sciences/computer-science/bs/>)

1) Program Educational Objectives

The graduates of the Bachelor of Science program in Department of Computer Science will:

- Design and implement computing solutions for practical problems posed by employers in industry, government and the nonprofit sector.
- Exhibit effective communication skills and teamwork.
- Achieve leadership roles and maintain high standards of professional ethics.
- Pursue graduate studies or employment in industries in computer science and other fields.

2) Student Outcomes

The student outcomes for the BS degree program listed below help in achieving the Program Educational Objectives.

- Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.