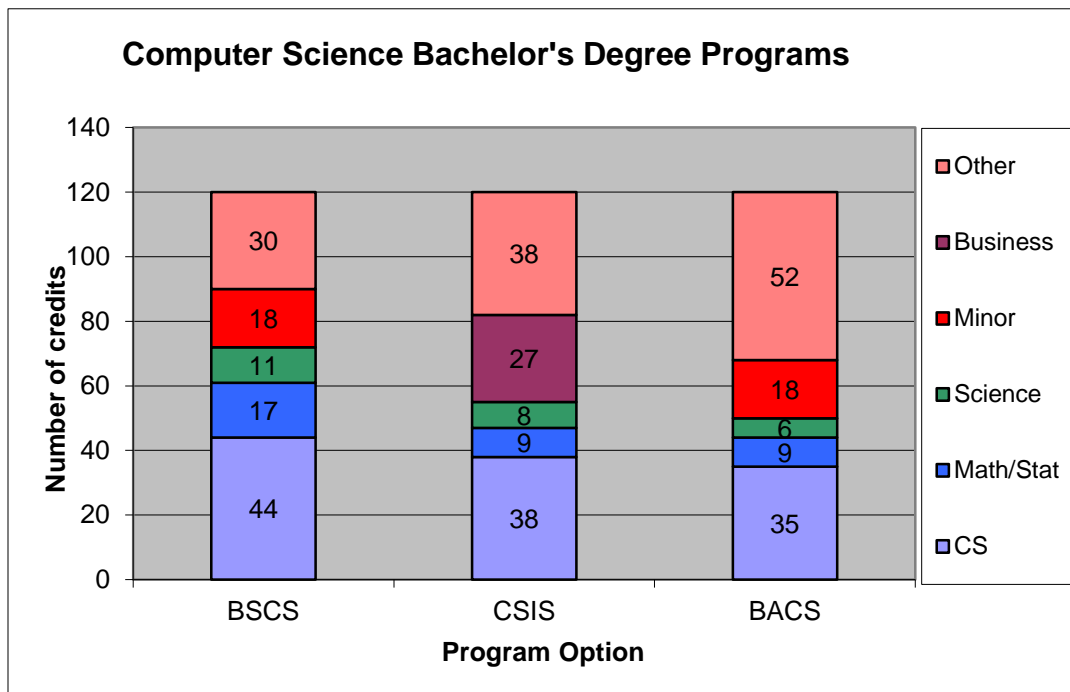


UNDERGRADUATE COMPUTER SCIENCE AT UVM



Bachelor's Degree Options:

- 1) BSCS: Bachelor of Science in Computer Science (College of E&M)
Most technical; follows CSAB accreditation guidelines.
- 2) BS CSIS: Bachelor of Science in Computer Science and Information Systems (College of E&M)
Interdisciplinary program combining Computer Science and Business Administration
- 3) BA CS: Bachelor of Arts in Computer Science (College of A&S)
Most flexible; liberal arts education with Computer Science major; facilitates double-majors

An accelerated Master's degree program is available through all options, enabling top students to earn a Master's degree in Computer Science with only one additional year of study.

Example computer science electives (junior/senior level):

Operating Systems
Evolutionary Robotics
Data Mining
Database Systems
Evolutionary Computation
Software Engineering
Wireless Sensor Network Applications
Software Requirements & Design
Modeling Complex Systems
Computer Architecture
Human-Computer Interaction
Advanced Database Technologies
Database Design for the Web

Biomedical Informatics
Theory of Computation
Types in Programming Languages
Artificial Intelligence
Neural Computation
Parallel Computing
Computer Networks
Network Security & Cryptography
Computer Graphics
Robotics
Geospatial Technologies
Mobile Computing and Applications
Web Design

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