

Computer Science Program Educational Objectives

Within two to three years after graduation, graduates of the program will have accomplished all of the following:

- (a) have started a computer-related career or graduate studies in computer science or a related discipline
- (b) have participated on a team where computer science principles were applied to a computer system
- (c) have learned new, emerging computer science technology such as a programming language or a software tool.

Software Engineering Program Educational Objectives

Within two to three years after graduation, graduates of the program will have accomplished all of the following:

- (a) have started a software-related career or graduate studies in software engineering, computer science, or a related discipline;
- (b) have participated on a team where principles of software engineering were applied to develop a software system;
- (c) have learned a new software engineering technology and applied that knowledge by developing a software system using a new software engineering tool.

MS in Computer Science Program Educational Objectives

Graduate of the program:

- (a) will be in a position to start or advance a career in the computer science discipline or will start doctoral graduate studies in the same discipline or a related discipline.
- (b) will work as a member of a team in the development of a computer science project.
- (c) will complete a specification or documentation for a project, or will give a presentation of technical materials.

MS in Applied Mathematics and Computer Science Program Educational Objectives

Graduate of the program:

- (a) will be in a position to start or advance a career in the applied mathematics and computer science discipline or will start doctoral graduate studies in the same discipline or a related discipline.
- (b) will work as a member of a team in the development of an applied mathematics and computer science project.
- (c) will complete a specification or documentation for a project, or will give a presentation of technical materials.