The purpose of the graduate programs is to provide students with breadth in computer science along with specialization in a chosen area of interest so that they become highly qualified professionals who are able to adapt to and develop the latest computing technologies.

Department of Computer Science
Hofstra University
Hempstead, New York 11549
Phone: (516) 463-5555
URL: http://cs.hofstra.edu

* Starts Spring 2008
# Sample Programs

## M.S. in Computer Science
**(Distance Learning)**
(30 Semester Hours)

**Required Courses**
- Algorithm design and analysis
- Software Project Management
- Web Application Development
- Programming Mobile Devices
- Advanced Data Structures and Algorithms
- Database management
- Programming Languages
- Advanced Operating Systems
- Network Security

**Capstone Experience**
- Independent project

## M.A. in Computer Science
(30 Semester Hours)

**Required Courses**
- Algorithm design and analysis
- Programming Languages
- Advanced Operating Systems

**Electives**
- 18 Semester Hours in Computer Science

**Capstone Experience**
- Independent project

## # Computer Science Electives Include
- Bioinformatics
- Artificial Intelligence
- Network Security
- Data Mining
- Web Application Development
- Mobile Device Programming

## Modern Laboratories
- Dedicated Faculty
- Small Classes

## Exciting Courses