

duke emerging scholars

computer science 2009-2010

Duke Emerging Scholars~ Computer Science (DES~CS) is a new one-year program for first-year students that introduces you to computer science through the creation of 3D worlds, problem solving, and introductory programming with Java.

Computer Science courses provide students with an educational foundation appropriate for a diverse range of careers. Courses can lead to jobs in high demand in the areas of education, business, science, and technology.

As a DES-CS student, you will take two introductory computer science courses and two half-credit seminar courses in the one-year program. These seminar courses count towards the first-year Trinity seminar requirement. This program assumes no prior programming experience.



In the fall in CompSci 4 (Introduction to Programming with Virtual Worlds) you will learn computer science programming concepts using a tool for creating virtual worlds. With this tool you will place people, animals, and objects in a 3D world and learn how to animate them. You may choose to teach them how to walk, talk, twirl, ice skate, fly and interact with other objects. This course will prepare you for CompSci 6 (Introduction to Program, Design and Analysis I) in the spring, where you will learn programming using Java. In both semesters you will also take CompSci 18S (Problem Solving Seminar), a half-credit seminar which focuses on problem solving in small groups on concepts related to your computer science courses.

For more information and to see several sample animations from CompSci, e-mail or visit:

des-cs@cs.duke.edu or www.cs.duke.edu/csed/des

Applications will be available on the Web site in March 2009.

DUKE UNIVERSITY