

Computer Science

The computer is changing the society in which we live. Some jobs and careers are disappearing, but widespread use of computers is also creating many new ones. Moreover, jobs in other fields are being changed by the use of computers so that some knowledge of computers is an important part of preparing for almost any career. Finally, our society will face some difficult choices about how and where computers should be used.

Evergreen's approach is especially well-suited to meet these challenges. Consider these aspects of Evergreen:

Interdisciplinary programs combine ordinarily separate subjects under a cohesive theme or topic. Each program is taught by a team of faculty, has a full schedule of seminars, lectures, labs and workshops, and may have options for additional courses in related subjects. You usually take only one program at a time and each program spans one, two or three quarters, so you have an excellent opportunity to probe what you are learning and to undertake long-term projects.

Advising Services

Our Advising Services enable you to make intelligent decisions about your education at each step of the way, rather than follow standardized requirements. In other words, you are able to work with a faculty or staff advisor in designing a coherent path through our Core, intermediate and advanced offerings. In this way you can combine programs, projects and internships as you work toward your degree. If you have chosen a field of study, if you are undecided, or if you change your mind later, our advisors can assist you in making appropriate plans.

The Learning Environment

Evergreen challenges you to think independently and creatively. You will find that your teachers encourage you to develop your potential and your interests as a student by working productively with others rather than competing with them. Evergreen faculty provide written evaluations rather than grades to reflect your achievements.

Facilities

Equipment and facilities are important, but access is vital. We emphasize a hands-on approach to learning and you'll have access to:

Data General MV 10000;

AT&T PC computer science teaching laboratory;

AT&T 3B2 Mini Computers;

IBM-PCs and Apple MacIntosh—Interactive terminals for classwork and text editing;

Intel and IBM-PC AT microcomputers with graphics and data acquisition capabilities and software in science labs with AT&T PC network;

Lab with MacIntosh II Microcomputers with graphics and desktop publishing software;

High end 386-based lab with 20 AT&T Microcomputers with VGA capability;

Interactive terminals for classwork and text-editing;

Eight-color graphics plotter;

A computer center open to students for 24 hours per day.

Whether you plan to pursue **Computer Science** as your primary field, or as an addition to another field, you will want to talk with your faculty advisor about the following interdisciplinary programs listed in our 1990-91 catalog:

"Data to Information"

An entry-level program designed for students who have completed at least one year of college. This program provides a solid foundation of information systems, programming, system designs, and other aspects of **Computer Science**.

"Matter and Motion"

Intensive study in physics, chemistry, calculus, history and social implications of science; includes laboratory use of computers.

"Management and the Public Interest"

Comprehensive study in public and private sector organizations, marketing, management functions and problem solving.

"Computability and Cognition"

Theoretical topics in computer science, cognitive science, math, artificial intelligence and philosophy; offered in 1990-91 and alternate years.

As an alternative to full-time programs there are options to take part-time courses. Several of these courses are taught each quarter.

"Systems Analysis and Design"

"Digital Logic and Assembly Design"

"Programming Languages"

"Computer Architecture"

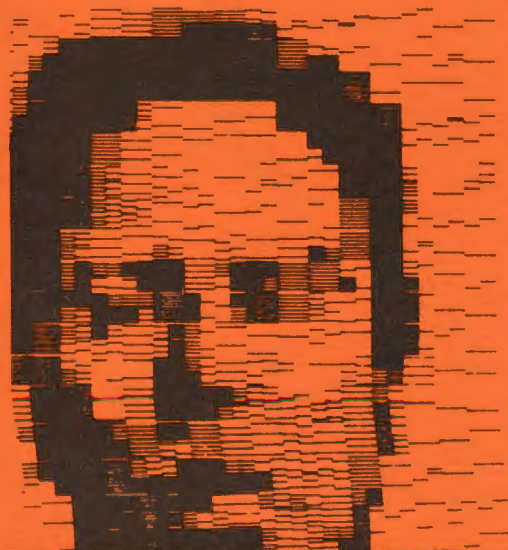
"Data Structures I and II"

"Database Design"

"Operating Systems"

"Software Reliability"

In addition to these programs and courses, as an advanced student you may work in an individual contract with a faculty member or in an internship which helps you make the jump from school to the work world. There are also opportunities to work with faculty and staff on research projects in certain areas, particularly in computer-assisted instruction and systems programming.



The Evergreen State College
Olympia, Washington

At Evergreen you have unique opportunities to study **Computer Science** in a way that is integrated with other studies such as mathematics, philosophy, business, science, social studies and the arts. Consequently, you will know much more about the real world uses of computers than a narrow technical degree could provide. You will be better prepared for a lifetime of socially responsible employment and advancement.

Evergreen is a public, liberal arts college of 3000 students, offering Bachelor's and Master's degrees. Tuition is \$537 per quarter for Washington state residents and \$1883 per quarter for non-residents.

Life After Evergreen

Overall, Evergreen graduates enjoy unusual success. In our most recent placement survey, 94% of our graduates who responded reported they are employed, in graduate school or in other placements of their choice. Over the years, some of our graduates have gone on to Stanford, the University of Edinburgh, Tektronix, Microsoft, Apple, Boeing and many state agencies and businesses.

For further information about Evergreen and for help in planning your studies in **Computer Science** please contact:

Admissions: (206) 866-6824
Academic Advising: (206) 866-6000, ext. 6312

or write:

Admissions Office
The Evergreen State College
Olympia, WA 98505

Prospective students who wish to request a catalog should call the Admissions Office at (206) 866-6824. After working hours (5 p.m. P.S.T.), an answering machine will record your request.

at Evergreen 1990-91

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