Computer science is a rapidly evolving discipline with roots in mathematics, logic, and philosophy. Surprisingly, a lot of computer science does not involve the study of computers themselves. Rather, it focuses on the development and discovery of problem solving techniques, and their application in both theoretical and practical situations. Computer science is an ideal discipline for students who have broad interests, because it can be applied to so many other fields. It is open to students with or without programming experience.

Problem Solving

Computer science is highly suited to people who are creative, enjoy solving puzzles, and like to design and build things. Each new application, problem, and opportunity presents a new range of challenges, and computer scientists enjoy finding solutions. You learn systematic and general-purpose approaches to problem solving that cut across all of the disciplines of both science and the arts.

Contributions to Society

New developments in computer science are needed in order to fuel advances in almost every area of our lives, from biotechnology to economics, and from education to entertainment. This makes computer science one of the most exciting disciplines to study, where you can have an impact on real world problems and have great potential to help address human needs and improve the quality of life.

Career Possibilities

The knowledge and skills you learn as a CS major will serve you well no matter what career you might pursue, whether it be graduate studies, or working in diverse fields such as technology, law, medicine, bioengineering, or marketing. The U.S. Bureau of Labor Statistics projects that the field of computing will offer the fastest growing occupations through 2016.

Department Activities

Pizza Lunches. Want info about internships or grad school? How about interviewing tips? Advice on career choices? We can help! And we’ll feed you pizza while we’re at it!

Student-run Games Night. Learn even more ways to procrastinate! And if you need another reason, more free pizza.

Programming Contest. A fun and creative outlet for your newfound skillz. Yes, we said ‘programming contest’ and ‘fun’. Believe it.

Summer Research Opportunities. Both on and off campus.

Honors Project. An opportunity for independent research in close consultation with faculty. Perfect preparation for graduate school or just indulging your boundless curiosity.

Computer Science Major’s Committee. Have your say in how the department and major can be even better. (Is it even possible?!) Department Socials. Featuring the infamous sugar wafers!

Curious for More? Please visit our website at http://www.cs.oberlin.edu/ for more info, or the appropriate section in the course catalog.