ABOUT THE COMPUTER SCIENCE PROGRAM

All permanent computer science faculty at UCM have a Ph.D. degree. Our faculty conduct both theoretical and applied research in their own areas and publish their research results in major research journals. In addition, our faculty also travel to give technical talks at various national and international conferences each year. As computer science majors, our faculty can keep you current with today’s information technology. We have small class sizes which enable a good interaction between professors and students.

The department offers a Bachelor of Science in Computer Science and a Master of Science in Computer Science. The undergraduate curriculum is designed according to ACM’s and ABET’s accreditation guidelines, and is periodically revised to meet the fast changing pace of today’s information technology. It consists of classic topics in computer science, as well as a strong component of application programming and system design to align with the computer industry standards. A wide range of computer science courses are offered that prepare you to be an experienced software professional in Java, C, C#, Visual Basic, Android, PHP, OpenGL and SQL, to name a few.

We have nearly 100% placement rate for our recent graduates. Our computer science graduates are employed in companies such as Garmin, Cerner, Sprint, Boeing, VMware, DST, Mastercard, Hallmark, YRC Worldwide, Honeywell, Mutual of Omaha, All-State, Shelter Insurance, AIG, Computer Associates International, Busch, Scottrade, etc. Graduates from computer science program have long known that CS leads to great jobs and careers.

The Department has several state-of-the-art computing labs and classrooms which are equipped with the latest software and technology to support both instruction and research needs. All computers in these labs are connected with high speed internet. Upgrades to the lab computers are done on a regular basis.

We offer both Windows and Linux platforms so that our students are well-prepared for a career as a software professional under those two leading industry-standard platforms. With a department Linux system account, our students are able to remotely connect their personal computer to the department server 24 hours a day and seven days a week (you can do your homework programming in your dorm!). In addition, the department strives to provide our students with the latest technologies. The department is a member of the Microsoft Developer Network Academic Alliance (MSDNAA). With this membership, the department has the latest Microsoft development tools, operating systems, server software, documentation, and technical references. Our students can download, install, and have complete access to those tools on their personal computers for free.

The department sponsors a student chapter of ACM. It provides our computer science students with a platform of peer interaction and active participation in out-of-the-classroom experiences.

Besides the university scholarships, there are several department scholarships available to our computer science majors. The application deadline is usually March 1 of each year.

Join us in this exciting academic discipline!
SCHEDULE OF CLASSES (Bold at Summit Center)

Fall Courses
CS 3100: Programming Languages
CS 3110: Object-Oriented Programming in C#
CS 4000: Special Problems in CS
CS 4020: Internship in CS
CS 4500: Operating Systems
CS 4810: Computer Graphics
CS 4820: Computer Security
CS 4910: Software Engineering

Spring Courses
CS 4000: Special Problems in CS
CS 4020: Internship in CS
CS 4110: Android Programming
CS 4300: Algorithm Design and Analysis
CS 4600: Database Theory and Applications
CS 4700: Artificial Intelligence
CS 4800: Computer Networking

Summer Courses
CS 3110: Object-Oriented Programming in C#
CS 4000: Special Problems in CS
CS 4020: Internship in CS
CS 4110: Android Programming

Courses in boldfaced print are required.

IMPORTANT WEBSITES
Department of Mathematics and Computer Science: www.ucmo.edu/cs
College of Health, Science, and Technology: www.ucmo.edu/chst
University-wide Scholarships: http://www.ucmo.edu/scholarships
(Application deadline is usually March 1 for scholarships for the following year.)
Department Scholarships: http://www.math-cs.ucmo.edu/scholarships/
Accessibility Services: www.ucmo.edu/access
Student Transfer Information: www.ucmo.edu/transfer
Transfer Equivalency Information: www.ucmo.edu/corequiv
Office of Career Services: www.ucmo.edu/career
Student Financial Services: www.ucmo.edu/sfs
Student Accounts: www.ucmo.edu/sfs
UCM Summit Center: www.ucmo.edu/summitcenter

Ready to turn your passion into your career?

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APPLY FOR ADMISSION
To apply for admission, contact the Office or Admissions at
1-877-729-8266 or visit www.ucmo.edu/apply.