

# M A S T E R O F S C I E N C E I N COMPUTER SCIENCE



## Notable Achievements

A Computer Science Graduate Student traveled to Barcelona, Spain in summer 2008 to present our ClockIt grant work! ClockIt is a set of extensions for the integrated development environment BlueJ and Eclipse. These extensions log user development events unobtrusively as part of a project to better understand how students really learn to program computers.

Appalachian's Best Science Thesis 2007, Chris Ellsworth's "Evolving Behavior for Autonomous Vehicle Agents"

Three MS graduates who went on to doctoral studies are now professors at Western Carolina and Wisconsin-Whitewater!

Nearly \$1,500,000 in external research funding since 2001.

### Contact Information

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**Appalachian**  
STATE UNIVERSITY

## Is it time for you to advance beyond the undergraduate level of professional competence? Prepare for future doctoral study?

The MS Computer Science curriculum provides a balance between theory and applications and is built around a core of required courses. Thesis or project options are available.

Admission requirements include a Baccalaureate degree from an accredited college or university; complete application to the graduate school; official GRE general exam scores; undergraduate course work in: Advanced programming in a high-level language; Discrete mathematics; Introductory theoretical computer science; Data structures; Assembly language; Computer architecture; Calculus (two semesters); Matrix or linear algebra; Calculus-based probability and/or statistics.

For more information, click on the Prospective Students link at:  
<http://www.cs.appstate.edu/>

Appalachian's Department of Computer Sciences has received over \$2,000,000 from the National Science Foundation to provide scholarships worth \$4,000 a year for up to four semesters of study for graduate students in the computer science degree program. The S-STEM Scholarship Program is an exceptional mentoring program whose main purpose is to attract students to major in computer science and to help them succeed!

See [www.cs.appstate.edu/sstem](http://www.cs.appstate.edu/sstem) for more information.

Appalachian State University is located in Boone, NC in an area known as the High Country in the beautiful Blue Ridge Mountains of North Carolina. Students have access to a variety of outdoor activities throughout the year, including hiking, camping, biking, snow and water skiing, rock climbing, white water rafting, and swimming. In addition, Appalachian provides cultural events in the month long "An Appalachian Summer" in July and throughout the year in the form of plays, symphonies, art exhibits, and invited lectures. Charlotte and Greensboro are within a 2 hour drive and the Raleigh/Durham/Research Triangle Park area is within a 3 hour drive.

