School Profile 2011-2012

In August of 2008, NCSSM, a constituent institution of the University of North Carolina System, launched its virtual learning program, NCSSM Online, designed to expand the reach of the school even further beyond its residential walls. NCSSM Online is a tuition free program with a competitive admissions process.

Through NCSSM Online more of North Carolina’s high achieving students are able to participate in NCSSM’s challenging opportunities through a “blended” program of online instruction and campus visits. NCSSM Online courses are offered in addition to or as part of a student’s academic course schedule at their home high school.

NCSSM Online At a Glance

- NCSSM Online is a “blended” program of asynchronous online instruction, synchronous web-conferencing and campus instruction and networking.
- The online courses foster student interaction with their instructor and classmates from across North Carolina via web video conferencing, online chats, and other innovative communication tools.
- The residential weekend experiences seek to enhance the collaborative learning experience and foster the NCSSM sense of community.
- First-year students attend a summer residential orientation session, where they are introduced to their instructors, fellow classmate, technology and software that is used in the program.
- Summer Student Symposium: Weeklong summer residential program for rising seniors. The symposium brings students together to study a current social issue of a STEM nature in a collaborative and investigative approach while researching the issue and developing ideas about possible solutions.
- NCSSM Online Students are able to take part in special programing on the residential campus such as the Ethics and Leadership Conference, College Eve, Family Day, and Cultural Arts Performances.

Enrollment

Class of 2012: 91 Students
Class of 2013: 87 Students
Total Enrollment: 178 Students
Representing 65 Counties & 187 Schools in North Carolina

“You are able to take excellent classes, build relationships with your peers and instructors, and have the experience of a lifetime.”

– NCSSM Online student
**Colleges & Universities Online Graduates 2010 & 2011 are attending:**

- Appalachian State University
- Barnard College
- Bowdoin College
- California Institute of Technology
- Campbell University
- Drexel University
- Duke University
- East Carolina University
- Elon University
- Harding University
- High Point University
- Johns Hopkins University
- Macalester College
- NC State University
- Peace College
- Penn State
- Rose Hulman Institute of Technology
- UNC-Asheville
- UNC-Chapel Hill
- UNC-Charlotte
- UNC-Greensboro
- UNC-Wilmington
- United State Air Force Academy
- United States Naval Academy
- University of California-Berkeley
- University of Chicago
- University of Maryland
- University of Pittsburgh
- University of Richmond
- Vanderbilt University
- Virginia Tech
- Wake Forest University
- Wingate University
- Wofford College

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**Course Offerings 2011-2012**

**Science**
- AP Chemistry
- AP Physics B
- Climate Change Biology
- Computational Chemistry
- Forensic Science
- Genetics & Biotechnology
- Green Environmental Geology
- Introduction to Applied Chemistry & Engineering
- Medicinal Chemistry

*All courses are honors level or above*

**Mathematics**
- AP Calculus AB
- AP Calculus BC
- Applications of Calculus/Vector Functions
- Applied Finite Mathematics
- Partial Derivatives, Multiple Integrals & Vector Fields

**Humanities**
- Ecocriticism: Nature in Thought & Writing
- Introduction to International Relations
- Introduction to Western Political Thought
- Science, Catastrophe & Culture

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**Advanced Placement Exams**

38 students took AP exams related to their course in 2009-2011

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<th>4</th>
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<td>24%</td>
<td>18%</td>
<td>8%</td>
<td>5%</td>
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**NCSSM Online faculty:**
- Have a master’s degree or higher
- Five years of teaching experience working with advanced and ethnically diverse students
- Advanced training in the use of educational technology
- Must complete professional development in instructional strategies for virtual learning

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