North Carolina School of Science and Mathematics challenges academically talented students from across the state with an advanced curriculum in STEM fields and the humanities.

NCSSM began in 1980 as an academic experiment: What would happen if some of the state’s most motivated students came together in a place dedicated to the power of science and math? Three decades later, North Carolina School of Science and Mathematics has built a firmly rooted reputation as an academic powerhouse, educating intellectually gifted students from every corner of the state.

Our students routinely place in national and international competitions such as the Siemens Competition and the Singapore International Mathematics Challenge. NCSSM students earn more National Merit scholarships than any school in the state, and they enter STEM fields — science, technology, engineering, and math — at three times the national average. And every day, NCSSM alumni make an impact locally and globally as educators, doctors, lawyers, scientists, artists, and CEOs.

Continuously innovating, North Carolina Science and Mathematics now serves hundreds of additional students through distance

FIRST IN ITS FIELD
NCSSM has served as a model for 18 similar schools around the globe and helped launch a national consortium of similar schools.

NCSSM: BUILDING THE STEM PIPELINE

- STEM occupations in the U.S. are projected to grow 17% by 2018, compared to 9.8% for non-STEM occupations during the same time.
- By 2018, it is projected that North Carolina will need to fill 229,000 STEM-related jobs.
- STEM workers command higher wages, earning 26% more than non-STEM counterparts.
- More than 66% of STEM workers have at least a college degree, compared to less than 33% of non-STEM workers.
- Nearly 55% of NCSSM college graduates earn a degree in a STEM field, nearly three times the national average.
- 50% of NCSSM graduates hold a master’s or doctorate degree.

Sources: US President’s Council of Advisors on Science and Technology, Sept. 2010 report; US Dept. of Commerce, Economics and Statistics Administration, July 2011 Issue Brief; Georgetown University Center on Education and the Workforce; National Student Clearinghouse; NCSSM Economic Impact Study, 2010
REAL-WORLD EXPERIENCES
Students gain hands-on experience in the sciences, math, and humanities through research and mentorship opportunities on campus and beyond.

DESIGNING THEIR FUTURE
Program options for academically talented students with special interest in STEM include:

Residential. For North Carolina high school juniors and seniors who want challenging courses, a variety of extracurricular opportunities, and a community of peers. The school is located on a historic campus near downtown Durham.

Online. Two-year, sequenced courses allow the state’s high school juniors and seniors to explore high-caliber STEM courses while still attending their home high school.

Summer. Academic experiences on NCSSM’s campus for students in grades 7 through 12, and on a number of University of North Carolina campuses around the state for high school students. Talented students build critical knowledge and jump-start their college readiness. Added bonus: Socializing with like-minded peers.

A CULTURE OF LEARNING AND GIVING BACK

10,000 alumni learning, leading, teaching since school’s founding
>50% of alumni teach at some point in their careers
140,000 estimated hours that alumni volunteer at NC nonprofits annually
26,000 estimated hours that students volunteer at NC nonprofits annually
1,000,000+ pounds of food collected over the past three years to fight hunger across North Carolina
A RECORD OF EXCELLENCE

Within the last 5 years, NCSSM students have won or placed in the Singapore International Mathematics Challenge, Conrad Spirit of Innovation Award, Moody’s Mathematics Challenge, and scores of other contests, proving that NC students can compete and win globally.

#1 high school worldwide for student winners of the Siemens Competition in Math, Science, and Technology, one of the foremost such competitions globally

#2 high school in the nation for number of semifinalist appearances in the Intel Science Talent Search

1 & 2 places won by NCSSM teams in the 2015 Moody’s Mega Math Challenge

2 winning NCSSM teams in the 2015 Conrad Spirit of Innovation competition

4 years named a top-performing high school nationwide by the Washington Post

9 years NCSSM teams have won at least one award of distinction in the Singapore International Mathematics Challenge — every year except 2012, when NCSSM was named grand champion

15 consecutive years named a “top public high school in the country” by Newsweek/The Daily Beast

Learn more: NCSSM.edu

A “top-performing high school” nationwide
— Washington Post

A “top public high school in the country”
— Newsweek/The Daily Beast

2015 Spaces for Innovation Winner
— Institute for Emerging Issues

1219 BROAD STREET, DURHAM, NC 27705 • NCSSM.EDU