NC STATE UNIVERSITY
The Graduate School
by the numbers

#1 best value among North Carolina public universities
(SmartAsset.com)

#7 among Top 10 Tier One Research Institutions for veterans and military families
(Military Friendly)

#8 return on investment nationally for degrees in science technologies
(U.S. Department of Education College Scorecard)

#10 best value among public universities nationally
(U.S. News & World Report)

#20 nationally among colleges specializing in science, technology, engineering
and mathematics
(Forbes)

11 graduate programs among the top 30 in their field nationally
(U.S. News & World Report)

$349 million in new sponsored research awards

One of only two universities in the nation leading two National Science Foundation
Engineering Research Centers

100+ startups and spinoffs based on NC State research, attracting $1.6 billion in
venture capital
why nc state?

With a focus on solving real-world problems through innovative research, NC State’s graduate programs are committed to transforming graduate education—to prepare our best and brightest students to be true leaders ready to tackle the critical issues that challenge our state, nation, and world. Our goal is to prepare career-ready students with a true competitive edge through a focus on professionally oriented training designed for the real world. In scope and quality, our graduate programs are superb. We offer master’s and doctoral programs in a full range of traditional disciplines, as well as a variety of graduate certificate programs and degree programs that can be completed all or partly online.

Science, technology, engineering and mathematics are our core strengths. We also offer strong programs in design, education, management, the humanities, and the social sciences. Our location in North Carolina’s Research Triangle means the best of industry-government-university partnerships. Our quarter century-old Centennial Campus reflects the university model of the future, where young investigators collaborate with faculty mentors, private companies, and public agencies to solve real-world problems.

NC State boasts a talented graduate student body of approximately 8,500 degree-seeking master’s and doctoral students who reflect a richness and diversity that energize this community of scholars. They come from all 50 states and from over 100 countries. On average, we confer about 3,000 graduate degrees each year. We’re proud of our students, of their achievements, and of the outstanding graduate faculty who are their mentors.

We encourage you to visit our campus. Talk with faculty and graduate students. See for yourself all that North Carolina State University offers.
<table>
<thead>
<tr>
<th>College Name</th>
<th>Website</th>
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<tbody>
<tr>
<td>College of Agriculture and Life Sciences</td>
<td>cals.ncsu.edu</td>
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<tr>
<td>College of Design</td>
<td>design.ncsu.edu</td>
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<tr>
<td>College of Education</td>
<td>ced.ncsu.edu</td>
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<tr>
<td>College of Engineering</td>
<td>engr.ncsu.edu</td>
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<tr>
<td>College of Humanities and Social Sciences</td>
<td>chass.ncsu.edu</td>
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<tr>
<td>Poole College of Management</td>
<td>poole.ncsu.edu</td>
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<tr>
<td>College of Natural Resources</td>
<td>cnr.ncsu.edu</td>
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<td>College of Sciences</td>
<td>sciences.ncsu.edu</td>
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<td>College of Textiles</td>
<td>textiles.ncsu.edu</td>
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<tr>
<td>College of Veterinary Medicine</td>
<td>cvm.ncsu.edu</td>
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Economic growth and strength depend on the ability to innovate. For 125 years, North Carolina State University has been at the forefront of innovation—in our educational methods, in industry partnerships that drive discoveries to the marketplace, in research that improves lives.

That’s why our students excel in the jobs of today and create the jobs of tomorrow. Our expertise attracts industry clusters to North Carolina. And our innovations transform entire economies.

NC State thrives at this intersection of creativity and execution. Our collaborations with industry, government, and other universities in the Research Triangle make us ideally suited to lead the innovation that will lift North Carolina—and the nation—to new levels of global competitiveness and economic prosperity.

ncsu.edu/research
how to apply

Prospective students anywhere in the world can quickly and easily apply to the Graduate School online at grad.ncsu.edu. The Graduate School admissions website also links to the Graduate Catalog, the Course Catalog, individual graduate programs, and instructions needed to complete the application.

WHAT YOU NEED
To apply for graduate study at NC State, you may need to provide the following:

- Non-refundable $75 application fee ($85 for international applicants)
- Official English proficiency exam (international applicants)
- Standardized test scores
- Uploaded transcripts (official transcripts required upon admission)
- Three letters of recommendation
- Statement of purpose

DEADLINES
Most programs only admit students for the fall semester, although some offer spring admission. Since many programs have deadlines earlier than those of the Graduate School, please check with the program to which you are applying.

MORE INFORMATION
For program specific information, visit grad.ncsu.edu/programs
financial aid

**NC STATE** offers graduate students a broad range of financial assistance options to help with tuition and living expenses. Financial support is available through fellowships, traineeships, assistantships, federal work-study programs, and student loans.

For more information, please visit:
[go.ncsu.edu/financial-support](http://go.ncsu.edu/financial-support)
graduate programs and certificates

AGRICULTURAL SCIENCES
Agricultural & Extension Education *
Agricultural & Resource Economics
Animal Science *
Animal Science & Poultry Science
Crop Science *
Entomology
Food Science
Horticultural Science *
Plant Biology
Plant Pathology
Poultry Science
Soil Science *

ARCHITECTURE & DESIGN
Architecture
Art & Design
Design
Graphic Design
Industrial Design
Landscape Architecture

BIOLOGICAL, LIFE & HEALTH SCIENCES
Biochemistry
Bioinformatics
Comparative Biomedical Sciences
Functional Genomics
Genetics
Immunology
Microbial Biotechnology
Microbiology
Nutrition *
Physiology
Plant Biology
Plant Pathology
Specialized Veterinary Medicine
Toxicology
Veterinary Public Health
Zoology
BUSINESS MANAGEMENT
Accounting
Analytics
Business Administration *
Economics
Global Innovation Management
Supply Chain Engineering & Management

COMMUNICATION
Communication
Communication, Rhetoric, & Digital Media
Technical Communication

COMPUTER & INFORMATION SCIENCES
Analytics
Computer Networking *
Computer Science *
Geospatial Information Science & Technology *
EDUCATION
Adult and Community College Education *
Agricultural Education *
Clinical Mental Health Counseling *
College Counseling & Student Development *
Curriculum & Instruction *
Digital Learning & Teaching *
Educational Administration & Supervision *
Educational Leadership, Policy & Human Development
Elementary Education *
Extension Education
Higher Education Administration
Learning & Teaching in STEM
Mathematics Education
School Administration *
School Counseling *
Science Education *
Special Education
Teacher Education & Learning Sciences Teaching *
Training & Development *

ENGINEERING
Aerospace Engineering *
Biological & Agricultural Engineering *
Biomanufacturing
Biomedical Engineering
Chemical Engineering *
Civil Engineering *
Computer Engineering *
Electrical Power Systems Engineering *
Electrical Engineering *
Engineering – Online *
Environmental Engineering *
Industrial Engineering *
Integrated Manufacturing Systems Engineering *
Materials Science & Engineering *
Mechanical Engineering *
Nanoengineering *
Nuclear Engineering *
Operations Research
Textile Engineering
Supply Chain Engineering & Management
THE ENTREPRENEURIAL SPIRIT IS ROOTED IN CURiosity.

THERE IS ALWAYS SOMETHING TO BE LEARNED FROM SEEMINGLY UNRELATED THINGS.
HUMANITIES
Communication, Rhetoric, & Digital Media
Creative Writing
English
Foreign Language & Literatures
History
Liberal Studies
Public History

MATHEMATICAL SCIENCES
Analytics
Applied Mathematics
Bioinformatics
Biomathematics
Financial Mathematics
Mathematics
Operations Research
Statistics *

NATURAL RESOURCES
Environmental Assessment *
Fisheries, Wildlife, & Conservation Biology
Forest Biomaterials *
Forest & Environmental Resources
Natural Resources
Parks, Recreation, Tourism, & Sports Management *

**PHYSICAL SCIENCES**
Chemistry
Climate Change & Society
Marine, Earth, & Atmospheric Sciences
Physics

**SOCIAL SCIENCES**
Anthropology
Economics
International Studies
Psychology
Public Administration
Social Work
Sociology
Youth, Family & Community Sciences

**TEXTILES**
Fiber & Polymer Science
Textile Chemistry *
Textile Engineering

Textile Technology Management
Textiles *

**VETERINARY MEDICINE**
Veterinary Medicine

**PROFESSIONAL SCIENCE MASTER’S**
Analytics
Biomanufacturing
Climate Change & Society
Electrical Power Systems Engineering *
Environmental Assessment *
Financial Mathematics
Geospatial Information Science & Technology
Microbial Biotechnology
Nutrition (Human Nutrition, Feed Science) *

**GRADUATE CERTIFICATES**
Agricultural & Extension Education *
Applied Statistics & Data Management *
City Design
Climate Adaptation *
Consumer Textile Product Design & Development
Counselor Education
Data Science Foundations *
Digital Humanities
Downstream Biomanufacturing
Energy & Technology in Architecture
Environmental Assessment *
Family Life & Parent Education
Family Life Education & Coaching *
Feed Science *
Finance
Geographic Information Systems *
Horticultural Science *
Leadership & Volunteer Management *
Marketing
Mathematics
Medical Devices *
Molecular Biotechnology
Nanobiotechnology
Nano-Systems Engineering
Nonprofit Management
Nonwovens Science & Technology *
Operations & Supply Chain Management
Professional Communication & Managerial Skills *
Public Policy
Renewable Electric Energy Systems
Special Education: Multi-Tiered Systems of Support
Statistics Education *
Teaching, Training, & Educational Technology *
Technology, Entrepreneurship & Commercialization
Textile Brand Management & Marketing
Textile Supply Chain Management
Upstream Biomanufacturing
Volunteer Management & Administration
Watershed Assessment & Restoration *
Youth Development & Leadership *

**GRADUATE MINORS**
Biomanufacturing
Biotechnology
Cognitive Science
Computational Engineering & Science
Ecology
Environmental Remote Sensing & Image Analysis
Food Safety
Genetic Engineering & Society

Geographic Information Systems
Interdisciplinary
Plant Physiology
Water Resources
Women’s & Gender Studies

*Denotes programs that may be completed all or in part through Distance Education
[online-distance.ncsu.edu](http://online-distance.ncsu.edu)
Nestled in the heart of North Carolina, Raleigh is just a few hours’ drive from both the beach and the mountains. But with all the Research Triangle has to offer, you may want to stay right here.

#3 Best Places for Business and Careers
(Forbes/2016)

#4 RALEIGH-DURHAM
Best Places to Live
(US News/March 2016)

#5 Best Place to Live and Work
(Robert Half Career City Index/ February 2016)

#7 Highest Well-Being Community, Large Communities
(Gallup-Healthways Well-Being Index/ January 2016)

#9 America’s Favorite City
(Travel & Leisure/April 2016)

Fastest Growing City
(Forbes/March 2016)

#13 in Education
(Forbes/2016)

#18 in Job Growth
(Forbes/2016)
NC State University is dedicated to equality of opportunity. The University does not condone discrimination against students, employees, or applicants in any form. NC State commits itself to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, or disability. In addition, NC State welcomes all persons without regard to sexual orientation. 2,500 copies of this public document were printed at a cost of 69 cents per copy.