NC STATE UNIVERSITY
The Graduate School
by the numbers

#1 best college for your money in North Carolina
(Money)

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

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

#13 nationally in graduates hired by the top 25 companies in Silicon Valley
(HiringSolved)

#16 nationally in preparing graduates for jobs
(Times Higher Education World University Rankings)

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

$405M in new sponsored research

125+ startups and spinoffs based on NC State research
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.
Economic growth and strength depend on the ability to innovate. For more than 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]
graduate programs and certificates

* Denotes programs that may be completed all or in part through Distance Education online-distance.ncsu.edu

D - Doctoral Degree Programs  |  M - Master’s Degree Programs

AGRICULTURAL SCIENCES

Agricultural & Extension Education* (M, D)
Agricultural & Resource Economics (M)
Animal Science* (M)
Animal Science & Poultry Science (D)
Crop Science* (M, D)
Entomology (M, D)
Food Science (M, D)

Horticultural Science* (M, D)
Plant Biology (M, D)
Plant Pathology (M, D)
Poultry Science (M)
Soil Science* (M, D)

ARCHITECTURE & DESIGN

Architecture (M)
Art & Design (M)

Design* (D)
Graphic Design (M)
Industrial Design (M)
Landscape Architecture (M)

BIOLOGICAL, LIFE & HEALTH SCIENCES

Biochemistry (M, D)
Bioinformatics (M, D)
Comparative Biomedical Sciences (M, D)
Functional Genomics (M, D)
Genetics (M, D)
Microbial Biotechnology (M)
Microbiology (M, D)
Nutrition* (M, D)
Physiology (M)
Plant Biology (M, D)
Plant Pathology (M, D)
Toxicology (M, D)

BUSINESS MANAGEMENT
Accounting (M)
Analytics (M)
Business Administration* (M)
Economics (M, D)

COMMUNICATION
Communication (M)
Communication, Rhetoric, & Digital Media (D)
Technical Communication (M)

COMPUTER & INFORMATION SCIENCES
Analytics (M)
Computer Networking* (M)
Computer Science* (M, D)
Geospatial Analytics (D)

EDUCATION
Adult & Community College Education* (M, D)
Adult & Continuing Professional Education (M)
Adult, Workforce, & Continuing Professional Education (D)
Clinical Mental Health Counseling* (M)
College Counseling & Student Development* (M)
Community College Teaching (M)
Counseling & Counselor Education (D)

Global Luxury & Management (M)
Management (M)
Geospatial Information Science & Technology* (M)
Curriculum & Developmental Supervision (M)
Educational Evaluation & Policy Analysis (D)
Educational Leadership (M, D)
Educational Psychology (M, D)
Elementary Education (M)
Elementary Learning Sciences (D)
Engineering & Technology Education (D)
Health Professions Education (M)
Higher Education Administration (M)
Higher Education (D)
Learning Design & Technology* (M, D)
Literacy & English Language Arts Education (D)
Mathematics Education (M)
Mathematics & Statistics Education (D)
New Literacies & Global Learning (M)
School Counseling* (M)
Science Education* (M, D)
Social Studies Education (D)
Special Education (M, D)
Technology Education* (M)
Teaching (M)
Training & Development* (M)

ENGINEERING
Aerospace Engineering* (M, D)
Biological & Agricultural Engineering* (M, D)
Biomanufacturing (M)
Biomedical Engineering (M, D)
Chemical Engineering* (M, D)
Civil Engineering* (M, D)
Computer Engineering* (M, D)
Electrical Engineering – Online* (M)
Electrical Power Systems Engineering* (M)
Electrical Engineering* (M, D)
Engineering – Online* (M)
THE ENTREPRENEURIAL SPIRIT IS ROOTED IN INSPIRE. CREATE. TRANSFORM.

THERE IS ALWAYS SOMETHING TO BE LEARNED FROM SEEMINGLY UNRELATABLE SUBJECTS.
Environmental Engineering* (M)
Industrial Engineering* (M, D)
Integrated Manufacturing Systems Engineering* (M)
Materials Science & Engineering* (M, D)
Mechanical Engineering* (M, D)
Nanoengineering* (M)
Nuclear Engineering* (M, D)
Operations Research (M, D)
Textile Engineering (M)

HUMANITIES
Communication, Rhetoric, & Digital Media (D)
Creative Writing (M)
English (M)
Foreign Language & Literatures (M)
History (M)
Liberal Studies (M)
Public History (M, D)

**MATHEMATICAL SCIENCES**
Analytics (M)
Applied Mathematics (M, D)
Bioinformatics (M, D)
Biomathematics (M, D)
Financial Mathematics (M)
Mathematics (M, D)
Operations Research (M, D)
Statistics* (M, D)

**NATURAL RESOURCES**
Environmental Assessment* (M)

**FISHERIES, WILDLIFE, & CONSERVATION BIOLOGY**
Forest Biomaterials* (M, D)
Forest & Environmental Resources (M, D)
Natural Resources (M)
Parks, Recreation, Tourism, & Sport Management* (M, D)

**PHYSICAL SCIENCES**
Chemistry (M, D)
Climate Change & Society (M)
Marine, Earth, & Atmospheric Sciences (M, D)
Physics (M, D)

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

**TEXTILES**
Fiber & Polymer Science (D)
Textile Chemistry* (M)
Textile Engineering (M)
Textile Technology
Management (D)
Textiles* (M)

VETERINARY MEDICINE
Veterinary Medicine (D)

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 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
<table>
<thead>
<tr>
<th>Environmental Assessment*</th>
<th>Nonprofit Management</th>
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<tbody>
<tr>
<td>Family Life Education &amp; Coaching*</td>
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</tr>
<tr>
<td>Feed Science*</td>
<td>Nuclear Proliferation Science &amp; Policy*</td>
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<td>Finance</td>
<td>Operations &amp; Supply Chain Management</td>
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<td>Geographic Information Systems*</td>
<td>Professional Communication &amp; Managerial Skills</td>
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<td>Horticultural Science*</td>
<td>Public Policy</td>
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<td>Leadership &amp; Volunteer Management*</td>
<td>Renewable Electric Energy Systems</td>
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<td>Marketing</td>
<td>Special Education: Multi-Tiered Systems of Support*</td>
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<td>Technology, Entrepreneurship &amp;</td>
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**INTERDISCIPLINARY MINORS**

- Biotechnology
- Cognitive Science
- Computational Engineering & Science

Upstream Biomanufacturing
Volunteer Management & Administration
Watershed Assessment & Restoration* Youth Development & Leadership*
Ecology
Environmental Remote Sensing & Image Analysis
Food Safety
Genetic Engineering & Society
Geographic Information Systems
Interdisciplinary
Plant Physiology
Water Resources
Women’s & Gender Studies
WORK. LEARN. LIVE. 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.

**#2**
Best Places for Business and Careers (Raleigh, NC)
Forbes, 2017

**#3**
Best Large City to Live in (Raleigh, NC)
WalletHub, July 2016

**#5**
Best City to Live and Work (Raleigh, NC)
Robert Half Career City Index, February 2016

**#7**
Highest Well-Being Community, Large Communities
Gallup-Healthways Well-Being Index, January 2016

**#9**
Top 10 Cities Americans are Moving to Right Now (Raleigh, NC)
Forbes, July 2016

Fastest Growing City (Raleigh, NC)
Forbes, March 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. 3,500 copies of this public document were printed at a cost of 68 cents per copy.