by the numbers

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

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

#4 nationally in industry-funded research

#6 nationwide in commercialization agreements based on university research; #2 among universities without a medical school

3 federally funded collaborative institutes tackling some of the world’s biggest challenges

23 faculty who are members of National Academies

$334M in new sponsored research (FY 2018)

135 startups and spinoffs based on NC State research

1,010 U.S. patents awarded
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 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 more than 9,600 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 over 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 has to offer.
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](http://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 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](http://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

* Denotes programs that may be completed all or in part through Distance Education
  [online-distance.ncsu.edu](http://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)
- Biology (M, D)
- Bioinformatics (M, D)
- Comparative Biomedical Sciences (M, D)
Functional Genomics (M, D)
Genetics (M, D)
Immunology (D)
Microbial Biotechnology (M)
Microbiology (M, D)
Nutrition* (M, D)
Physiology (M, D)
Plant Biology (M, D)
Plant Pathology (M, D)
Toxicology (D)
Zoology (M, D)

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

BUSINESS MANAGEMENT
Accounting (M)
Analytics (M)

COMPUTER & INFORMATION SCIENCES
Analytics (M)

EDUCATION
Adult & Community College Education* (M)
Clinical Mental Health Counseling* (M)
College Counseling & Student Development* (M)
Community College Leadership (D)
Counseling & Counselor Education (D)

Computer Engineering* (M, D)
Computer Networking* (M)
Computer Science* (M, D)
Geospatial Analytics (D)
Geospatial Information Science & Technology* (M)
Curriculum & Instruction* (M, D)
Digital Learning & Teaching* (M)
Educational Leadership, Policy, & Human Development (D)
Educational Administration & Supervision* (D)
Elementary Education* (M)
Higher Education Administration (M, D)
Learning & Teaching in STEM (D)
Learning Design & Technology* (M)
Mathematics Education (M, D)

School Administration* (M)
School Counseling* (M)
STEM Education* (M)
Science Education* (M, D)
Special Education (M)
Teacher Education & Learning Science (D)
Teaching* (M)
Technology Education* (M, D)
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 Power Systems Engineering* (M)
Electrical Engineering* (M, D)
Engineering Online* (M)
Environmental Engineering* (M)
Industrial Engineering* (M, D)
Integrated Manufacturing Systems Engineering* (M)
THE ENTREPRENEURIAL SPIRIT IS ROOTED IN CURIOUS.

THERE IS ALWAYS SOMETHING TO BE LEARNED FROM THE SEEMINGLY UNRELATED.
Materials Science & Engineering* (M, D)
Mechanical Engineering* (M, D)
Nanoengineering* (M)
Nuclear Engineering* (M, D)
Operations Research (M, D)
Supply Chain Engineering & Management (M)
Textile Engineering (M)

**HUMANITIES**
Communication, Rhetoric, & Digital Media (D)
Communication (M)
Creative Writing (M)
English (M)
Foreign Languages & Literatures (M)
History (M)

Liberal Studies (M)
Public History (M, D)
Technical Communication (M)

**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 (M, D)

Forest Biomaterials* (M, D)

Forestry & Environmental Resources (M, D)

Functional Genomics (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

Specialized Veterinary Medicine (M)

Veterinary Medicine (D)

PROFESSIONAL SCIENCE MASTER’S

Analytics

Biomanufacturing
Climate Change & Society
Computer Networking
Crop Science
Electrical Power Systems Engineering*
Environmental Assessment*
Financial Mathematics
Geospatial Information Science & Technology*
Microbial Biotechnology
Nutrition (Human Nutrition, Feed Science)*
Poultry Science

GRADUATE CERTIFICATES

6th Year Program, Teachers
Agricultural & Extension Education*
Applied Statistics & Data Management*
Biology for Educators*
City Design
Climate Adaptation*
Consumer Textile Product Design & Development
Counselor Education*
Data Science Foundations*
Digital Humanities
Downstream Biomanufacturing
Energy & Technology in Architecture

6th Year Program, Teachers
Agricultural & Extension Education*
Appled Statistics & Data Management*
Biology for Educators*
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 Education & Coaching*
Feed Science*
Finance
Geographic Information Systems*
Horticultural Science*
Leadership & Volunteer Management*
Marketing
Materials Science & Engineering*
Mathematics*
Mathematics Education, Licensure
Mathematics Teaching & Learning*
Medical Devices*
Military Land Sustainability*
Molecular Biotechnology
Nanobiotechnology
Nano-Systems Engineering
Nonprofit Management
Nonwovens Science & Technology*
Nuclear Non-Proliferation Science & Policy*
Occupational Education, Licensure
Operations & Supply Chain Management
Policy Analysis
Principal Program
Professional Communication & Managerial Skills*
Public Interest Design
Public Policy
Renewable Electric Energy Systems
Science Education, Licensure
Special Education: Multi-Tiered Systems of Support*
Sport & Entertainment Venue Management*
Statistics Education*
Superintendent Program
Tax Analytics & Technology*
Teaching, Training, & Educational Technology*
Technology Education, Licensure
Technology, Entrepreneurship & Commercialization
Textile Brand Management & Marketing
Textile Supply Chain Management
Upstream Biomanufacturing
Watershed Assessment & Restoration*
Youth Development & Leadership*

INTERDISCIPLINARY MINORS
Artificial Intelligence
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
WORK. LEARN. LIVE. Nestled in the heart of North Carolina, Raleigh is just a few hours’ drive from both the beaches and the mountains. But with all the Research Triangle has to offer, you may want to stay right here.

- The 10 Best Big Cities to Live in Right Now
  Money, 2018

- Forbes List for Businesses and Careers
  Forbes, 2018

- Best Quality of Life in the World
  NUMBEO, 2019

- Fastest City for Internet Speeds in the U.S.
  WRAL Tech Wire, 2018

- One of Eight of America’s Most Digitally Inclusive Tech Cities
  Brookings, 2018

- Among Top 10 Best Cities for New Grads Starting Out
  MarketWatch, 2018

- One of 10 Cities Primed for Economic Growth & Opportunity in 2018
  CardRates.com, 2018
The Graduate School offers a range of signature programs to help students develop a foundation for long-term scholarly and professional success.

**CAREER SUPPORT**
go.ncsu.edu/a2i

**TEACHING AND COMMUNICATION**
go.ncsu.edu/tcc

**INTERNATIONAL ENGINEERING WRITING**
go.ncsu.edu/engw

**GRADUATE WRITING**
go.ncsu.edu/gws