NC STATE
UNIVERSITY
The Graduate School

by the numbers

NC State ranks in the top 1% of universities worldwide (Center for World University Rankings)

#2 best public college in North Carolina for value (Money)

#2 nationwide for active licenses and options; #3 nationwide for startups launched among universities without a medical school (AUTM Licensing Activity Survey)

#2 for research commercialization among public universities in the U.S.

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

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

25 faculty who are members of the National Academies

$476M in new sponsored research in FY23

200+ startups and spinoffs based on NC State research; $1.7 billion in venture capital

1,500+ U.S. patents awarded and nearly 2,000 patents worldwide

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.

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
cals.ncsu.edu

COLLEGE OF DESIGN
design.ncsu.edu

COLLEGE OF EDUCATION
ced.ncsu.edu

COLLEGE OF ENGINEERING
engr.ncsu.edu

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES
chass.ncsu.edu

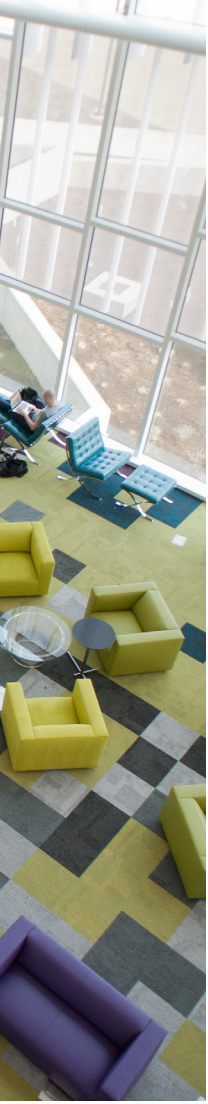
POOLE COLLEGE OF MANAGEMENT
poole.ncsu.edu

COLLEGE OF NATURAL RESOURCES
cnr.ncsu.edu

COLLEGE OF SCIENCES
sciences.ncsu.edu

WILSON COLLEGE OF TEXTILES
textiles.ncsu.edu

COLLEGE OF VETERINARY MEDICINE
cvm.ncsu.edu



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 need to provide the following:

- Non-refundable $75 application fee ($85 for international applicants)
- Official English proficiency scores (IELTS, Duolingo, or TOEFL) for international applicants of some countries
- 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 go.ncsu.edu/degree-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 Education and Human Sciences* (M, D)

Animal Science* (M)

Animal Science and 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 and Design (M)

Design* (D)

Graphic and Experience 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)

WELCOME HOME

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)

Management (M)

COMMUNICATION

Communication (M)

Communication, Rhetoric, & Digital Media (D)

Technical Communication (M)

COMPUTER & INFORMATION SCIENCES

Analytics (M)

Computer Engineering* (M, D)

Computer Networking* (M)

Computer Science* (M, D)

Geospatial Analytics (D)

Geospatial Information Science & Technology* (M)

EDUCATION

Adult & Community College Education* (M)

Clinical Mental Health Counseling* (M)

College Counseling & Student Development* (M)

Community College Leadership (D)

Curriculum & Instruction* (M)

Educational Leadership * (D)

Educational Leadership, Policy, & Human Development (D)

Elementary Education* (M)

Higher Education Administration (M)

Learning & Teaching in STEM (D)

Learning Design & Technology* (M)

Mathematics Education (M)

School Administration* (M)

School Counseling* (M)

STEM Education* (M)

Science Education* (M, D)

Special Education (M)

Teacher Education & Learning Sciences (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* (M)

Engineering Education* (M)

Engineering Management* (M)

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)

THE ENTREPRENEURIAL SPIRIT IS ROOTED IN CURI
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Supply Chain Engineering & Management (M)

Textile Engineering (M)

HUMANITIES

Communication, Rhetoric, & Digital Media (D)

Communication (M)

Creative Writing (M)

English (M)

Foreign Languages & Literature (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)

Foundations of Data Science* (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, 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)

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

Computer Networking

Crop Science

Electrical Power Systems Engineering*

Environmental Assessment*

Financial Mathematics

Geospatial Information Science & Technology*

Microbial Biotechnology

LEGION
GEFORCE RTX

Nutrition (Human Nutrition, Feed Science)*

Poultry Science

GRADUATE CERTIFICATES

5G Technology

6th Year Program, Supervisors

6th Year Program, Teachers

Agricultural & Extension Education*

Applied Statistics & Data Management*

Biology for Educators*

Business Analytics*

Business Leadership*

City Design

Climate Adaptation*

Consumer Textile Product Design & Development

Counselor Education*

Data Science Foundations*

Digital Humanities

Downstream Biomanufacturing

Electrical Engineering*

Energy & Technology in Architecture

Engineering Management Foundations*

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

Scan to see a complete list of graduate programs, degrees and certificates

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.

#2 **Raleigh is the #2 Best performing large city**
Milken Institute, 2024

#2 **NC ranked #2 best state to do business**
CNBC, 2024

#5 **Raleigh ranks the #5 best city for job seekers**
Indeed, 2024

#6 **Raleigh #6 best place to live**
US News and World Report, 2024

Raleigh is in the Top Ten Tech Cities Cloudwards, 2024

Raleigh is One of the Safest Large Cities in the U.S. Far & Wide, 2024

Raleigh Nationally Ranked as One of Best Cities for New Jobs WalletHub, 2024

Take a virtual tour
go.ncsu.edu/explore-campus

PROFESSIONAL DEVELOPMENT

The Graduate School offers a range of signature programs to help students develop a foundation for long-term scholarly and professional success.

COMMUNICATION SKILLS

go.ncsu.edu/graduate-writing

LEADERSHIP PROGRAM

go.ncsu.edu/leadership-program

TEACHING SKILLS

go.ncsu.edu/tcc

Accelerate to Industry™

CAREER SUPPORT

go.ncsu.edu/a2i

APPLY ONLINE
go.ncsu.edu/applygrad

CAMPUS RECREATION
ncsu.edu/campus_rec

CAREER PLACEMENT
careers.dasa.ncsu.edu

CENTENNIAL CAMPUS
centennial.ncsu.edu

DIVERSITY PROGRAMS
go.ncsu.edu/grad-diversity

FIND A PROGRAM
go.ncsu.edu/degree-programs

GRADUATE CATALOG
go.ncsu.edu/grad-catalog

HEALTH/INSURANCE
healthypack.dasa.ncsu.edu

HOUSING
ncsu.edu/housing

INTERNATIONAL STUDENTS
go.ncsu.edu/international-students

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go.ncsu.edu/survival-guide

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go.ncsu.edu/opa

PAYING THE BILLS
go.ncsu.edu/financial-support

RESEARCH INFORMATION
ncsu.edu/research

STUDENT ORGANIZATIONS
getinvolved.ncsu.edu/organizations

UNDERGRADUATE RESEARCH
undergradresearch.dasa.ncsu.edu

VETERAN AFFAIRS
veterans.ncsu.edu

VIRTUAL TOURS
visit.ncsu.edu

THE GRADUATE SCHOOL

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