VT | GRADUATE SCHOOL
VIRGINIA TECH.

VIRGINIA TECH GRADUATE SCHOOL
Inclusive, Individualized, Innovative Education

The Graduate School

Graduate students at Virginia Tech are an important and valued part of the academic community. We view graduate education as a partnership between outstanding graduate students and distinguished and internationally renowned faculty. Graduate students collaborate with faculty to continue our longstanding commitment to learning, discovery, and engagement.

Dean of the Graduate School
Aimée Surprenant

What makes us unique?

The Graduate Life Center

The Graduate Life Center (GLC) is the heart of a progressive, inclusive graduate community and it gathers administrative, academic, social, and residential functions all under one roof. The GLC offers housing, academic, and meeting spaces; programming and social activities; and Graduate School offices in an award-winning complex not found at any other institution. The GLC provides students opportunities to meet and collaborate with faculty and peers across disciplines, develop skills for academic and professional success, and maintain a healthy work-life balance.

Transformative Graduate Education (TGE)

The Graduate School facilitates the Transformative Graduate Education (TGE) initiative developed by former Vice President and Dean for Graduate Education Karen P. DePauw. Through a mix of unique programs and opportunities, TGE pushes the boundaries of traditional disciplinary academic education, encouraging interdisciplinary research and collaboration across fields. All of our TGE programs, courses, workshops, and support services are rooted in the four pillars of knowledge, leadership, scholarly inquiry, and social responsibility. We aim to significantly change how graduate students prepare to become the next generation of scientists, educators, scholars, engineers, artists, and career professionals in an ever-evolving global context.

Holistic Admissions

You are more than your grades, GRE score, or where you went to school. At Virginia Tech, we approach admission from an inclusive, rather than exclusive, perspective. Using a holistic admissions process, we look at many aspects of the student, including such things as work experience, community involvement and service, leadership, personal and professional ethics, research and scholarship, and the barriers you have dealt with while pursuing your goals.

Applications and Admissions

Admission Requirements

Equivalent of a U.S. four-year degree from a regionally accredited institution. All applicants must submit the following items:

- Completed application
- Official transcripts from all institutions where a bachelor's degree was received or graduate-level work was undertaken
- Non-refundable application fee

Other materials required by departments may include the following (*check department websites for details*):

- Letters of recommendation
- Statement of purpose
- Résumé or curriculum vitae
- Supplemental information (*example of written work, essay questions, etc.*)
- An official report of test scores (*GRE, GMAT, etc.*)

International Applications

International applicants must demonstrate English language proficiency. Acceptable documentation includes TOEFL, IELTS, or proof that English was the language of instruction for earned degrees.

Non-Degree Graduate Programs and Certificates

Individuals who hold a baccalaureate degree may apply for admission to one of our non-degree programs. Visit our graduate catalog to get a listing of programs and degree options.

Apply online at www.graduateschool.vt.edu
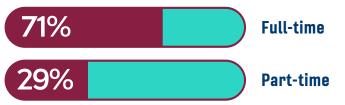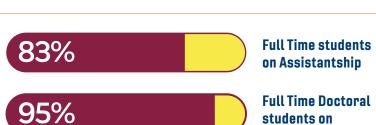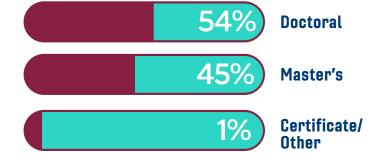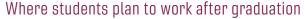
Graduate School **by the Numbers**

2023 Total Enrollment:

7,063

students

71%	**Full-time**
29%	**Part-time**

83% — Full Time students on Assistantship

95% — Full Time Doctoral students on Assistantship

54% — Doctoral

45% — Master's

1% — Certificate/Other

30% — Older than 30 years of age

Where students plan to work after graduation

40%	**For Profit**
35%	**Academia**
8%	**Government**
8%	**Unknown**
4%	**Other**
3%	**Nonprofit**
1%	**Military**
1%	**Self-employed**

65% US Citizens/Permanent Residents

35% International Students

Representing **97** countries

Top 5: China, India, Iran, Bangladesh, South Korea

177 students enrolled in interdisciplinary graduate education programs across colleges and campuses

Visit our Data and Reports website to learn more:
https://bit.ly/grad_numbers

The World is **Our Campus**

VIRGINIA

1. **Blacksburg**
2. **Southwest Virginia**
3. **Roanoke**
4. **Hampton Roads**
5. **Richmond**
6. **Greater Washington D.C. Area /
Innovation Campus**
7. **Leesburg**

Virginia Tech at a Glance

From our founding in 1872 to today, university traditions are firmly rooted in our motto, **Ut Prosim** (That I May Serve) and in our land-grant missions of instruction, research, and solving the problems of society through public service and outreach activities.

The main campus is located in Blacksburg, Virginia, with extended campus locations spread across the Commonwealth of Virginia, and programs and centers located in Asia, Africa, Europe, and the Caribbean.

Ranked in the top

50

of Research Institutions

$556M Research Portfolio

9
Colleges and the **Graduate School**

7
Major **Research Institutions**

75
Graduate certificate programs offered university-wide

170
master's and **doctoral degree programs**

244,500
alumni living in **every state** and in more than **100 countries**

3,900
faculty members, instructors and the **researchers**

34,000+
students (about **7,063** graduate students)

Learn more about our national and global rankings: **https://vt.edu/about/rankings.html**

An Inclusive, Diverse Community

The Graduate School is committed to supporting an inclusive, diverse community of students, faculty and administrators, one in which students thrive, not just survive, during their education journey.

We host a series of free Connect Lunches, open to all students and designed to bring together graduate students, faculty, and staff who identify with the culture or social identity being celebrated.

For students looking to create dialogue and implement change for a more diverse and inclusive experience for the larger university community, we offer the Diversity Scholars program. Diversity Scholars specialize in and advocate for the awareness, knowledge, and skills associated with inclusion and diversity.

The Graduate School launched several programs to help students with families. These include the Little Hokie™ Hangout early education center to provide affordable, quality child care, and a parent support group.

Professional Development

We provide a range of events and activities to help our graduate students prepare, connect, succeed, and stand out as they pursue their degrees and professional goals in highly competitive global markets. We partner with other university departments to offer scholarly and extracurricular activities based on the Transformative Graduate Education initiative. Recent program and seminar topics include:

- Career Fair Preparation
- Interviewing Skills
- Networking
- Academic Job Searches
- Building a Strong LinkedIn Presence
- Communicating Your Research to Different Audiences

Academic Leaders of Tomorrow

Many academic and business leaders and the public have challenged colleges and universities to embrace change to ensure the viability of the higher education enterprise, arguing that it is time to create new models and new methods of training for the future professoriate, who will become the faculty and academic leaders of tomorrow. The Graduate School has taken up this challenge with a number of programs, including the popular **Preparing the Future Professoriate** certificate program and an innovative and extensive **Graduate Teaching Assistants (GTA)** workshop series.

Center for Excellence in Teaching and Learning

The University's Center for Excellence in Teaching and Learning offers a range of options for GTAs and faculty to support the design, development and implementation of learner-centered instruction. The Center offers a wide range of online resources, including tips and best practices for both in-classroom and remote instruction, testing, and assessment. The Center also offers opportunities to build community and connections including book clubs, workshops, and certificate programs. **https://teaching.vt.edu/**

Future Professoriate Certificate

This graduate certificate aims to prepare our future faculty and academic leaders through exposure to concepts that break the mold of existing practices in higher education. Graduate students wishing to earn the graduate certificate must be enrolled in a master's or doctoral program. The certificate requires the completion of 6 credit hours of required core courses and 3 credit hours of electives.

Graduate Academy for Teaching Excellence (GrATE)

GrATE is a student-run peer-mentoring program for GTAs that creates and hosts teaching and learning events, provides a range of resources and support services, and fosters community. Academy fellows hold practices.

Research

Graduate students are key members of the university's research community. The Graduate School supports a range of interdisciplinary graduate education programs to promote and sustain interdisciplinary graduate education and research. Colleges and departments across the university have developed additional interdisciplinary research programs based on the Graduate School's model. More than 300 students participate in interdisciplinary programs and labs across the university and its campuses.

Virginia Tech also has seven globally known university-level research institutes: Fralin Life Sciences Institute; Institute for Creativity, Arts, and Technology; Institute for Critical Technology and Applied Science; Institute for Society, Culture, and Environment; Fralin Biomedical Research Institute at VTC; Virginia Tech National Security Institute; and Virginia Tech Transportation Institute.

You'll find college, department, and program-focused labs and research centers across the university's campuses where graduate research assistants are making key contributions to vital work and are co-authors on articles published in major journals.

Interdisciplinary Graduate Education Programs supported by the Graduate School:

- Alliance For Social, Political, Ethical, and Cultural Thought
- BioBuild
- Biological Transport
- Computational Tissue Engineering
- Disaster Resilience
- Genetics, Bioinformatics, and Computational Biology
- Geospatial and Environmental Analysis
- Human-centered Design
- Infectious Disease
- Interfaces of Global Change
- Macromolecules
- Molecular and Cellular Biology
- Neuroscience
- Regenerative Medicine
- Remote Sensing
- Science and Technology Studies
- Science, Technology, and Engineering in Policy
- Sustainable Nanotechnology
- Translational Biology, Medicine, and Health
- Translational Obesity Research
- Translational Plant Science
- Urban Computing
- WaterINTERFACE

Communicating Science

Recognizing that higher education typically does not provide opportunities for scholars to communicate their work effectively outside their fields, or to the general public, Graduate School leaders launched Communicating Science, a two-credit course offered in both spring and fall semesters. Interest in and demand for the course led to the Center for Communicating Science at Virginia Tech, which creates and supports opportunities for scientists, scholars, health professionals, and others to develop their abilities to communicate and connect.

IPHD

In addition to the interdisciplinary programs, the Graduate School manages the individualized interdisciplinary Ph.D. (IPhD) program. Students design and develop one-of-a-kind doctoral research that spans more than one field, and must show how their work will not fit into a single field.

Academic Programs
THE GRADUATE SCHOOL

Locations: Blacksburg · Hampton Roads · Greater Washington D.C. area · Leesburg · Richmond · Roanoke · SW Virginia · Virtual

Program	Locations
Aerospace Engineering **MS/ME, PhD**	Blacksburg, Virtual
Agriculture and Applied Economics **MS**	Blacksburg
Agriculture and Life Sciences **MS**	Blacksburg, Virtual
Agriculture, Leadership, and Community Education **PhD**	Blacksburg
Alliance for Social, Political, Ethical, and Cultural Thought **PhD**	Blacksburg
Animal and Poultry Sciences **MS, PhD**	Blacksburg
Architecture **MS, MArch**	Greater Washington D.C. area
Architecture and Design Research **PhD**	Greater Washington D.C. area
Biochemistry **PhD**	Blacksburg
Biological Sciences **MS, PhD**	Blacksburg
Biological Systems Engineering **MS/ME, PhD**	Blacksburg
Biomedical and Veterinary Sciences **MS, PhD**	Blacksburg
Biomedical Engineering **MS, PhD**	Roanoke
Building/Construction Science and Management **MS**	Blacksburg
Business Administration **MS, MBA**	Greater Washington D.C. area, Virtual
Business Administration, Hospitality and Tourism Management **MS, MBA**	Greater Washington D.C. area
Business, Accounting and Information Systems **MACIS, PhD**	Blacksburg
Business, Business Information Technology **PhD**	Blacksburg
Business, Executive Business Research **PhD**	Greater Washington D.C. area
Business, Finance **MS, PhD**	Blacksburg, Greater Washington D.C. area
Business, Hospitality and Tourism Management **PhD**	Blacksburg, Greater Washington D.C. area
Business, Management **PhD**	Blacksburg
Business, Marketing **MS, PhD**	Blacksburg
Chemical Engineering **MS/ME, PhD**	Blacksburg
Chemistry **MS, PhD**	Blacksburg
Civil Engineering **MS/ME, PhD**	Blacksburg, Greater Washington D.C. area
Communication **MA**	Blacksburg
Computer Engineering **MS/ME, PhD**	Blacksburg
Computer Science and Applications **MS/MEng, PhD**	Blacksburg, Greater Washington D.C. area
Creative Technologies **MFA**	Blacksburg, Virtual
Creative Writing **MFA**	Blacksburg
Crop and Soil Environmental Sciences **MS, PhD**	Blacksburg
Dairy Science **PhD**	Blacksburg
Data Analysis and Applied Statistics **MA**	Blacksburg, Greater Washington D.C. area
Economics **MA, PhD**	Blacksburg
Education, Career and Technical Education **MSED, EdS**	Blacksburg, Hampton Roads, Greater Washington D.C. area, Roanoke, SW Virginia
Education, Counselor Education **MAED, EdD/PhD**	Blacksburg, Greater Washington D.C. area
Education, Curriculum and Instruction **MAED, EdD/PhD**	Blacksburg, Richmond, SW Virginia, Virtual
Education, Education Leadership and Policy Studies **MAED, EdD/PhD, EdS**	Blacksburg, Greater Washington D.C. area, Richmond, SW Virginia
Engineering Education **PhD**	Blacksburg, Hampton Roads, Richmond, Roanoke, SW Virginia, Virtual
Engineering Mechanics **MS/ME, PhD**	Blacksburg
English **MA**	Blacksburg
Entomology **PhD**	Blacksburg
Environmental Design and Planning **PhD**	Blacksburg
Environmental Engineering **MS**	Blacksburg, Greater Washington D.C. area
Environmental Science and Engineering **MS**	Blacksburg, Greater Washington D.C. area
Fisheries and Wildlife Sciences **MS, PhD**	Blacksburg
Food Science and Technology (formerly Nutrition and Dietetics) **PhD**	Blacksburg
Foreign Languages, Cultures, and Literatures **MA**	Blacksburg
Forest Products **MF/MS, PhD**	Blacksburg
Forestry **MF/MS, PhD**	Blacksburg
Genetics, Bioinformatics, and Computational Biology **PhD**	Blacksburg
Geography **MS, PhD**	Blacksburg
Geosciences **MS, PhD**	Blacksburg
Geospatial and Environmental Analysis **PhD**	Blacksburg
Government and International Affairs **MPIA**	Blacksburg, Greater Washington D.C. area
Higher Education and Student Affairs: **MAED, PhD**	Blacksburg

Academic Programs
THE GRADUATE SCHOOL

Legend: ■ Blacksburg ■ Hampton Roads ■ Greater Washington D.C. area ■ Leesburg ■ Richmond ■ Roanoke ■ SW Virginia ■ Virtual

Program	Blacksburg	Hampton Roads	Greater Washington D.C. area	Leesburg	Richmond	Roanoke	SW Virginia	Virtual
History **MA**	●							
Horticulture **PhD**	●							
Human Development **PhD**	●							
Human Nutrition, Foods, and Exercise **MS, PhD**	●							
Industrial Systems Engineering **MS/ME, PhD**	●	●	●		●	●	●	●
Information Technology **MIT**								●
Landscape Architecture **MLA, PhD**	●							
Life Sciences, Agriculture, Leadership, and Community Education **MS**	●							●
Life Sciences, Biochemistry **MS**	●							
Life Sciences, Dairy Science **MS**	●							
Life Sciences, Entomology **MS**	●							
Life Sciences, Food Sciences and Technology **MS**	●							
Life Sciences, Horticulture **MS**	●							
Life Sciences, Plant Pathology, Physiology, and Weed Science **MS**	●							
Macromolecular Science and Engineering **MS, PhD**	●							
Material Culture and Public Humanities **MA**	●							
Materials Science and Engineering **MS/ME, PhD**	●							
Mathematics **MS, PhD**	●							
Mechanical Engineering **MS/ME, PhD**	●	●	●					●
Mining Engineering **MS/ME, PhD**	●							
Natural Resources **MNR**	●		●					
Neuroscience **PhD**	●							
Nuclear Engineering **MS/ME, PhD**	●		●					●
Ocean Engineering **MS**	●							
Philosophy **MA**	●							
Physics **MS, PhD**	●							
Planning, Governance, and Globalization **PhD**	●		●					
Plant Pathology, Physiology, and Weed Science **PhD**	●							
Political Science **MA**	●							●
Psychology **MS, PhD**	●							
Public Administration and Public Affairs **MPA, PhD**	●		●		●			●
Public Health **MPH**	●							
Rhetoric and Writing **PhD**	●							
Science and Technology Studies **MS, PhD**	●		●					
Sociology **MS, PhD**	●							
Statistics **MS, PhD**	●							
Theater Arts **MFA**	●							
Translational Biology, Medicine, and Health **MS, PhD**	●					●		
Urban and Regional Planning **MURP**	●		●					

75 Graduate Certificate Programs

Virginia Tech offers more than 75 graduate certificate programs. Visit our website to learn more about them:

https://graduateschool.vt.edu/academics/programs/graduate-certificates.html

45 Accelerated Programs for Undergraduate students

Virginia Tech offers 45 accelerated programs for Undergraduate Students at Virginia Tech interested in pursuing a master's degree. We also have partnerships with several colleges and universities for undergraduates interested in a master's degree. Visit our website to learn more:

https://graduateschool.vt.edu/admissions/accelerated_masters_programs.html

Contact the Graduate School

GRADUATE LIFE CENTER AT DONALDSON BROWN (0325)
GRADUATE SCHOOL, VIRGINIA TECH, BLACKSBURG, VA 24061

Blacksburg ■
www.graduateschool.vt.edu
540-231-6691

Richmond ■
www.richmond.vt.edu
804-662-7288

Hampton Roads ■
www.hrc.vt.edu
757-363-3930

Roanoke ■
www.vtrc.vt.edu
540-767-6100

**Greater Washington
DC Area** ■
www.dcarea.vt.edu
703-538-8327

Southwest Virginia ■
www.swcenter.edu
276-619-4311

WWW.GRADUATESCHOOL.VT.EDU | GRADS@VT.EDU

Find Us on Social Media!

GRADUATE SCHOOL
VIRGINIA TECH.

"Our primary objective is to help students thrive during their graduate education experience at Virginia Tech."

- Dr. Aimée Surprenant, *Dean of the Graduate School*