GET THE FUTURE YOU WANT
INTERNATIONAL ADMISSIONS GUIDE

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
ABOUT VIRGINIA TECH

Virginia Tech is a comprehensive, four-year, public university with over 36,000 students, including 4,400 international students – more than any other university in Virginia. Students come from more than 110 countries around the world.

Founded in 1872, Virginia Tech pushes the boundaries of knowledge by taking a hands-on, transdisciplinary approach to preparing students to be leaders and problem-solvers.

The university has nine colleges and a graduate school:

- College of Agriculture and Life Sciences
- College of Architecture and Urban Studies
- Pamplin College of Business
- College of Engineering
- College of Liberal Arts and Human Sciences
- College of Natural Resources and Environment
- College of Science
- Virginia-Maryland College of Veterinary Medicine
- Virginia Tech Carilion School of Medicine and Fralin Biomedical Research Institute

A GLOBAL RESEARCH UNIVERSITY

Virginia Tech is ranked 46th in university research in the United States with a research portfolio of more than $522 million.

NATIONAL RANKINGS

No. 30 – TOP PUBLIC SCHOOLS
U.S. News & World Report

No. 74 – BEST NATIONAL UNIVERSITIES
U.S. News & World Report

No. 105 – U.S. College Rankings
Wall Street Journal/Times Higher Education
TOP GLOBAL PROGRAMS

▸ AGRICULTURE & FORESTRY
▸ ARCHITECTURE
▸ CIVIL & STRUCTURAL ENGINEERING
▸ COMPUTER SCIENCE
▸ EDUCATION
▸ ELECTRICAL ENGINEERING
▸ ENGINEERING & TECHNOLOGY
▸ ENVIRONMENTAL STUDIES
▸ HOSPITALITY LEISURE MANAGEMENT
▸ MATERIAL SCIENCE
▸ MATH
▸ MECHANICAL ENGINEERING
▸ MINING ENGINEERING
▸ STATISTICS & OPERATIONAL RESEARCH
▸ VETERINARY MEDICINE

– QS World University Rankings, Times Higher Education
The Virginia Tech community serves those around us – on campus, in the workplace, and in our neighborhoods – in an open, honest, and inclusive spirit. Service and inclusivity support our pursuits of excellence in culture, research, and learning. Adopted in 1896, the university motto, *Ut Prosim* (That I May Serve), has long guided our community.

Graduates leave Virginia Tech with far more than an academic degree. Students and alumni embrace service as a way of life. They engage with others in the community, knowing that global leaders and valuable citizens must serve others in their daily lives. Service is the cornerstone of Virginia Tech’s traditions.
WHERE IS VIRGINIA TECH?

LOCATED IN BLACKSBURG, VIRGINIA

Virginia Tech’s main campus in Blacksburg includes over 210 buildings on 2,600 acres (1,052 hectares), an airport, top-rated athletic facilities, the Moss Arts Center, and an adjacent research park.

The unique pairing of a large research university and a small town creates a special experience. With abundant leisure activities, a reasonable cost of living, a moderate climate, and award-winning services, Blacksburg is known nationwide as a well-managed, forward-looking community.

The university is among the top 10 safest campuses in the country. The nationally accredited Virginia Tech Police Department operates 24 hours a day and provides full police service to the university community.

Public bus service is available across campus and around town.

Virginia Tech is a welcoming campus for students, faculty, and visitors from around the world. We take seriously the charge to create and nurture an open, inclusive environment. Through conversation and engagement with others, we can learn to value the identity and individuality of each person around us.

Our community has members from many different backgrounds and faith traditions. We offer a safe environment for students to practice or explore these faiths while promoting appreciation and respect for religious and spiritual diversity.

DISTANCE TO MAJOR CITIES

- Atlanta: 640 km. or 410 mi.
- Boston: 1,100 km. or 710 mi.
- Charlotte, N.C.: 270 km. or 173 mi.
- Miami: 1,450 km. or 901 mi.
- New York: 780 km. or 490 mi.
- Philadelphia: 660 km. or 426 mi.
- Raleigh, N.C.: 320 km. or 228 mi.
- Washington, D.C.: 420 km. or 269 mi.
LIVING-LEARNING COMMUNITIES
Living-learning communities provide students with the opportunity to thrive in and out of the classroom in an environment that becomes home. They connect your academic and co-curricular experiences to create a supportive, dynamic learning environment that becomes home. Learn more at llc.vt.edu.

OFF-CAMPUS HOUSING
There are lots of housing opportunities off campus. Blacksburg has apartments, townhomes, rental homes, and homestay options available. Go to techoffcampus.com to view apartments and townhomes and find roommates.

CAMPUS DINING
Virginia Tech dining consistently ranks among the top in the country. It’s so popular that many students who live off campus purchase dining plans. With 11 different dining centers around campus, plus a few food trucks, we have something for everyone. dining.vt.edu

DINING AWARDS & HONORS
- No. 2, Best Campus Food 2020, Niche
- No. 1, Best Campus Food, Niche
- Winner, 2019 Food Management Menu Madness Tournament, Food Management
- No. 1, Sales Volume College and University, Freshens

UNDERGRADUATE DEADLINES

EARLY DECISION (BINDING):
Apply by November 1

EARLY ACTION:
Apply by December 1

REGULAR DECISION:
Apply by January 15

SUMMER/FALL TRANSFER:
Apply by March 1
In addition to the tuition and fees described above, various departmental, course, and lab fees may be assessed depending on the course(s) in which a student is enrolled. Living expenses are estimates only.
EARN CREDIT WHILE IMPROVING YOUR ENGLISH AND ACADEMIC SKILLS

The AdvantageVT pathway program combines intensive academic skills training and university coursework. It is designed to jump-start your journey toward a bachelor's degree at Virginia Tech.

APPLICATION DEADLINES

Fall semester: July 10
Spring semester: November 15
Summer semester: March 15

Rolling admission, with most decisions in 3-5 business days.

ADVANTAGE VT

BUSINESS, ENGINEERING, OR SCIENCE PATHWAYS

LEVEL 1

This two-semester program offers a balance of for-credit courses and English for Academic Purposes classes. It is for students with advanced English proficiency.

- TOEFL iBT 74
- IELTS 6.0 (with no subsection less than 6.0)
- PTE 50

LEVEL 2

Our three-semester program is for students who want a complete university preparation experience, with a special focus on intensive English language skills.

- TOEFL iBT 60
- IELTS 5.5 (with no subsection less than 5.5)
- PTE 44

PROGRAM FEATURES

- Intensive academic preparation.
- Integration into American university culture.
- Two levels, based on your English proficiency.
- Three entry dates per year – spring, fall, and summer.
- Guaranteed entry to Virginia Tech with no exit TOEFL required.

ADVANTAGE VT PATHWAY PROGRAM

EARN 15–18 CREDITS THAT COUNT TOWARD THE COMPLETION OF YOUR DEGREE PROGRAM!
## MAJORS

### BUSINESS PATHWAY
- Accounting and Information Systems
- Finance, Insurance and Business Law
- Hospitality and Tourism Management
- Management
- Marketing Management
- Real Estate

### ENGINEERING PATHWAY
- Aerospace Engineering
- Biological Systems Engineering
- Biomedical Engineering
- Chemical Engineering
- Chip Scale Integration
- Civil Engineering
- Communications and Networking
- Computer Engineering
- Construction Engineering and Management
- Controls, Robotics, and Autonomy
- Electrical Engineering
- Energy and Power Electronics Systems
- Engineering Science and Mechanics
- Industrial and Systems Engineering
- Machine Learning
- Materials Science and Engineering
- Mechanical Engineering
- Micro/Nano Systems
- Mining Engineering
- Networking and Cybersecurity
- Ocean Engineering
- Photonics
- Radio Frequency and Microwave
- Space Systems
- Software Systems

### SCIENCE PATHWAY
- Biochemistry
- Biological Sciences
- Chemistry
- Clinical Neuroscience
- Cognitive and Behavioral Neuroscience
- Computational and Systems Neuroscience
- Computational Modeling and Data Analytics
- Economics
- Experimental Neuroscience
- Geosciences
- Mathematics
- Medicinal Chemistry
- Microbiology
- Nanoscience
- Physics
- Polymer Chemistry
- Psychology
- Statistics
- Systems Biology

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**NO SAT, NO EXIT TOEFL!**
If you want to improve your language skills in a university setting:

INTENSIVE ENGLISH PROGRAM
lci.vt.edu/iep

There is no better way to improve your English language skills and experience American culture than through the Language and Culture Institute’s Intensive English Program. Whether you want to prepare for university study in the U.S. or simply enhance your language skills for work or pleasure, the LCI will help you reach your goals.

INTENSIVE ENGLISH PROGRAM:

- Full-time, noncredit academic program
- Six start dates, in the fall, spring, and summer
- 10 levels of instruction, from beginning to advanced
- Advanced computer-assisted learning center
- TOEFL iBT preparation classes offered each term
- All faculty have master’s degrees or doctorates and certificates of advanced study

Intensive English Program Calendar

<table>
<thead>
<tr>
<th>TERM</th>
<th>START</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring I 2020</td>
<td>January 13</td>
<td>March 6</td>
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<tr>
<td>Spring II 2020</td>
<td>March 16</td>
<td>May 15</td>
</tr>
<tr>
<td>Summer I 2020</td>
<td>May 25</td>
<td>July 3</td>
</tr>
<tr>
<td>Summer II 2020</td>
<td>July 6</td>
<td>August 14</td>
</tr>
<tr>
<td>Fall I 2020</td>
<td>August 24</td>
<td>October 16</td>
</tr>
<tr>
<td>Fall II 2020</td>
<td>October 19</td>
<td>December 18</td>
</tr>
</tbody>
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Intensive English Program Estimated Expenses

<table>
<thead>
<tr>
<th>TERM</th>
<th>TUITION &amp; FEES</th>
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<tbody>
<tr>
<td>8-week term</td>
<td>$8,639</td>
</tr>
<tr>
<td>Fall semester (2 terms)</td>
<td>$16,018</td>
</tr>
<tr>
<td>Fall &amp; spring semesters (4 terms)</td>
<td>$32,685</td>
</tr>
</tbody>
</table>

* Prices and dates are subject to change.

If you have lower English skills but wish to enter Virginia Tech as an undergraduate:

CONDITIONAL ADMISSION
lci.vt.edu/cap

For prospective undergraduate students who meet all university admission requirements except language test score requirements. Open to all programs of study except design majors. Applicants are conditionally admitted based upon an evaluation of their high school records.

Participants work toward meeting admission requirements while studying at the Language and Culture Institute. When conditional requirements are met, you will be transferred into the undergraduate program.

ELIGIBILITY:

- The most competitive applicants present a high school equivalent grade-point average of at least 3.5 on a 4.0 scale (88%) for engineering majors and at least 3.0 on a 4.0 scale (75%) for other majors.
- Transfer students from U.S. or foreign universities or from U.S.-based English programs are ineligible.
- You must be 17 years old or older at the time you begin intensive English studies.
If you meet the minimum requirements for English proficiency, you are eligible to apply directly to the undergraduate program:

DIRECT UNDERGRADUATE ADMISSION
admissions.vt.edu

There are several deadlines from which to choose when submitting your application.

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<tr>
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<th>Deadline</th>
<th>All materials due</th>
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</thead>
<tbody>
<tr>
<td>Early Decision</td>
<td>Nov. 1</td>
<td>Nov. 15</td>
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<tr>
<td>Early Action</td>
<td>Dec. 1</td>
<td>Jan. 15</td>
</tr>
<tr>
<td>Regular Decision</td>
<td>Jan. 15</td>
<td>Feb. 1</td>
</tr>
<tr>
<td>Transfer</td>
<td>March 1</td>
<td>March 15</td>
</tr>
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To have your IELTS/TOEFL/PTE score automatically sent to Virginia Tech, please specify Virginia Tech’s CEEB code (5859) on the test form.

ENGLISH LANGUAGE REQUIREMENTS
International students whose native language is not English must document proficiency in the English language by submitting either an IELTS, TOEFL, or PTE score.

IELTS: At least 6.5, with no subscore below 6.5
TOEFL: At least 80, with no section subscore below 16
PTE: At least 53

OTHER REQUIREMENTS
As for the SAT, please note that for international students we are a test-optional university. In addition, we have an optional interview opportunity through InitialView.

ADVANCED PLACEMENT, INTERNATIONAL BACCALAUREATE, CAMBRIDGE EXAM, CLEP, AND DUAL ENROLLMENT
We award AP, IB, CLEP, and Cambridge Exam equivalencies after faculty review of content and applicable Virginia Tech credit.

HOW TO APPLY FOR DIRECT UNDERGRADUATE ADMISSION
Students applying as undergraduates to Virginia Tech should complete the application at coalitionforcollegeaccess.org. Students may start building a free profile at any time, and may use the information in this profile to start their application.

More about international applications is available at vt.edu/admissions/international.
With more than 150 majors and options to choose from, you’ll experience a matchless education at Virginia Tech.
The Virginia Tech educational experience is cooperative and hands-on, inside and outside the classroom. We create an environment that fosters experimentation and innovation. Our emphasis on applying technology to every discipline creates confident and adaptable learners. This approach develops the knowledge and skills that our students need as they enter graduate school and their careers.

**CONTROLS, ROBOTICS & AUTONOMY**

This field goes above and beyond robots – it seeks new ways to interact with the world, interpret information, regulate processes, and teach systems how to make autonomous decisions. Our engineers work on aerial vehicles, vehicular networks, autonomous decision-making, autonomous teams and swarms, human-robot interaction, and other projects.

**COMPUTATIONAL MODELING & DATA ANALYSIS**

Prepare for a career in big data by learning to model the world and discover hidden patterns in massive data sets. Our program focuses on extracting information from large data sets, as well as analyzing and solving problems by modeling, simulation, and optimization, drawing on the computational skills that make solving the complex problems of the 21st century possible.

**HOSPITALITY & TOURISM MANAGEMENT**

This globally ranked program prepares in-demand graduates for management positions in the hospitality and tourism industry. Students get hands-on experience through internships, field studies, experienced faculty, and frequent interaction with industry experts.

**NANOSCIENCE**

Nanoscience and nanotechnology have rapidly growing applications in areas such as electronics, information technology, medicine, renewable energy, aerospace, and advanced materials. Our graduates are ready to attend the most competitive graduate programs, join cutting-edge corporate R&D, and create their own startup companies.

**SPACE SYSTEMS**

Space systems engineers design, build, and test systems to withstand harsh and uncertain conditions of space and the near-Earth environment. This includes flight computers, power systems, communications, attitude determination and control, and instrumentation.

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**SMART AND SUSTAINABLE CITIES**
- Sociology
- Sustainable Biomaterials
- Systems Biology
- Water: Resources, Policy, and Management

**LAW & JUSTICE**
- Agribusiness
- Applied Economic Management
- Cognitive and Behavioral Neuroscience
- Communication Science and Social Inquiry
- Creative Writing
- Criminology
- Economics
- Environmental Conservation and Society
- Environmental Policy and Planning
- Environmental Resources Management
- Geography
- Human Development
- International Public Policy
- Philosophy
- Philosophy, Politics, and Economics
- Professional and Technical Writing
- Psychology
- Religion and Culture
- Sociology
- Statistics
- Water: Resources, Policy, and Management

**PHYSICAL SCIENCES**
- Aerospace Engineering
- Animal and Poultry Sciences
- Biochemistry
- Biological Sciences (Biology)
- Chemical Engineering
- Chemistry
- Clinical Neuroscience
- Computational and Systems Neuroscience
- Experimental Neuroscience
- Geophysics
- Geosciences
- Medicinal Chemistry
- Meteorology
- Microbiology
- Nanosciences
- Packaging Systems and Design
- Physics
- Polymer Chemistry
- Space Systems
- Sustainable Biomaterials
- Systems Biology
- Water: Resources, Policy, and Management

**PUBLIC & SOCIAL SERVICES**
- Childhood Pre-Education
- Cognitive and Behavioral Neuroscience
- Communication Science and Social Inquiry
- Computational and Systems Neuroscience
- Consumer Studies
- Criminology

**ENVIRONMENTAL, ENVIRONMENTAL & NATURAL SCIENCES**
- Agribusiness
- Agricultural Technology
- Animal and Poultry Sciences
- Applied Economic Management
- Biological Sciences (Biology)
- Chemical Engineering
- Civil Engineering
- Crop and Soil Sciences
- Dairy Science
- Environmental Conservation and Society
- Environmental Horticulture
- Environmental Informatics
- Environmental Policy and Planning
- Environmental Resources Management
- Environmental Science
- Forestry
- Geophysics
- Geosciences
- Meteorology
- Mining Engineering
- Nanomedicine
- Nanoscience
- Natural Resources Conservation
- Packaging Systems and Design
- Philosophy, Politics, and Economics
- Political Science
- Public and Urban Affairs
- Public Health
- Public Relations
- Religion and Culture
- Smart and Sustainable Cities Sociology

**UNDecided**
- Business (undecided)
- Explore Science (undecided)
- Explore Technology (undecided)
- Exploring Architecture and Urban Studies (undecided)
- Exploring Life Sciences (undecided)
- Exploring Natural Resources (undecided)
- Liberal Arts and Human Sciences (undecided)
- University Studies (undecided)
Aerospace Engineering
Agricultural and Applied Economics
Agriculture, Leadership, and Community Education
Alliance for Social, Political, Ethical, and Cultural Thought
Animal and Poultry Sciences
Architecture
Architecture and Design Research
Bio-Inspired Buildings
Biochemistry
Biological Sciences
Biological Systems Engineering
Biological Transport
Biomedical Engineering
Biomedical Technology Development and Management
Biomedical and Veterinary Sciences
Building Construction Science and Management
Business, Accounting and Information Systems
Business Administration
Business, Executive Business Research
Business, Information Technology
Business, Finance
Business, Hospitality and Tourism Management
Business, Management
Business, Marketing
Chemical Engineering
Chemistry
Civil Engineering
Communication
Computational Tissue Engineering
Computer Engineering
Computer Science & Applications
Creative Technologies
Creative Writing
Crop and Soil Environmental Sciences
Dairy Science
Data Analysis and Applied Statistics
Disaster Resilience
Economics, Sciences
Education, Career and Technical Education
Education, Counselor Education
Education, Curriculum and Instruction
Education, Education Leadership and Policy Studies
Education, Education Research, Evaluation
Education, Higher Education
Electrical Engineering
Engineering Education
Engineering Mechanics
English
Entomology
Environmental Design and Planning
Environmental Engineering
Environmental Sciences and Engineering
Fisheries and Wildlife Sciences
Food Science and Technology
Foreign Languages, Cultures, and Literatures
Forest Products
Forestry
Genetics, Bioinformatics, and Computational Biology
Geography
Geosciences
Geospatial and Environmental Analysis
Government and International Affairs
History
Horticulture
Human Centered Design
Human Development
Human Nutrition, Foods, and Exercise
Individual Interdisciplinary Ph.D.
Industrial Systems Engineering
 Interfaces of Global Change
Landscape Architecture
Macromolecular Science and Engineering
Material Culture & Public Humanities
Material Science and Engineering
Mathematics
Mechanical Engineering
Mining Engineering
Natural Resources
Nuclear Engineering
Ocean Engineering
Philosophy
Physics
Planning, Governance, and Globalization
Plant Pathology, Physiology, and Weed Science
Political Science
Psychology
Public Administration and Public Affairs
Public Health
Regenerative Medicine
Remote Sensing
Rhetoric and Writing
Science and Technology Studies
Sociology
Statistics
Sustainable Nanotechnologies
Theatre Arts
Translational Biology, Medicine, and Health
Translational Obesity Research
Translational Plant Science
Urban and Regional Planning
Water INTERFACE: Interdisciplinary Research Transcending Boundaries of Engineering, Science, and Human Health

graduateschool.vt.edu/academics/programs

COMBINED DEGREES:
- In addition to the regular M.S. and Ph.D.’s in biomedical engineering, two combination or collaborative degree programs, the M.D./Ph.D. and the D.V.M./Ph.D., are also available.
- Psychology students earn an M.S. en route to the Ph.D., but the department does not offer a terminal M.S.

LOCATIONS:
B - Blacksburg
W - Washington, D.C. area
After being named the world’s best solar home, Virginia Tech’s FutureHAUS is returning to the world stage at Expo 2020 Dubai. Built by an interdisciplinary team of more than 100 students and faculty, FutureHAUS earned a first-place victory over more than 60 entrants of the 2018 Solar Decathlon Middle East. The global competition aimed to accelerate research on building sustainable, grid-connected solar homes.

Showcasing the latest sustainable materials and building practices, the 900-square-foot FutureHAUS is energy positive, creating far more power than it could need in an average day. All that solar power means it can support its dozens of “smart” features, such as a bathroom mirror that displays news updates and a movie screen projected on the shower wall.

From October 2020 to April 2021, the home will be featured at Expo 2020 Dubai. This is the first world’s fair to take place in the Middle East, Africa, or South Asia. It aims to celebrate human brilliance and achievement under the theme of “Connecting Minds, Creating the Future.” More than 25 million visitors are expected during the six-month expo.

A staggering 192 countries will take part in Expo 2020, and every country will have its own pavilion for the first time in the 168-year history of World Expos, each with a unique design, theme and visitor experience.

Come tour FutureHAUS and see how Virginia Tech can help you claim your role in the world.

www.futurehaus.tech
IMMIGRATION

Virginia Tech is authorized by the Department of Homeland Security to issue visa eligibility forms (I-20 and DS-2019) for admitted students who will need F-1 or J-1 visas. For all questions, contact:

Undergraduate students
Cranwell International Center
international.vt.edu/immigration/students.html

Graduate students
International Graduate Student Services
graduateschool.vt.edu/student-life/immigration-services.html

Language and Culture Institute
and AdvantageVT students
lci.vt.edu/visa-information

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status; or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees, or applicants; or any other basis protected by law.