ADVANTAGE VT
PATHWAY PROGRAM
Virginia Polytechnic Institute and State University
Location

Main campus in **Blacksburg, Virginia**

- 213 buildings, 1,050 hectares, and an airport
Virginia Tech

- 9 colleges and the Graduate School
- 34,000+ Students, including more than 3,400 international students
- 3,900 faculty members, instructors, and researchers
- 110 bachelor’s degree programs
- 170 master’s and doctoral degree programs
- 8 major research institutes
## U.S. News rankings

<table>
<thead>
<tr>
<th>Best Colleges*</th>
<th>Best Graduate Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>#9: College of Engineering</td>
<td>#21: Engineering programs</td>
</tr>
<tr>
<td>#40: Pamplin College of Business</td>
<td>#24: Public Affairs programs</td>
</tr>
<tr>
<td></td>
<td>#78: School of Education program</td>
</tr>
</tbody>
</table>

No. 25 among public institutions
No. 69 for all national universities

*among public institutions
More rankings

- Top 25 in education, affordability and outcomes—including career earnings (*Forbes*).
- #2 among “Best colleges you can actually get into” (*Money*)
- #3 in the U.S. animal and poultry sciences (*USA Today*).
- #4 overall agriculture programs (*USA Today*)
- #6 worldwide: hospitality and leisure management (*QS World*)
- #1 in the U.S. for human development and family, consumer, and human sciences programs (*USA Today*).
- #1 in the U.S. for studying natural resources and conservation (*USA Today*).

Architecture
- #5 in U.S.: architecture
- #5 in U.S. South: industrial design
- #5 in the U.S. South: interior design
- #5 in the U.S. South: landscape architecture (*DesignIntelligence*)
2018 Engineering Rankings

- #15 Aerospace/Aeronautical/Astronautical
- #8 Biological/Agricultural
- #7 Civil
- #10 Environmental/Environmental Health
- #8 Industrial/Manufacturing
- #14 Mechanical

*U.S. News & World Report’s 2018 Best College Rankings*
Quality of life

Princeton Best College List:

- #1: Students Love These Colleges
- #5: Best Quality of Life
- #6 Best Campus Food
- #15 Town-Gown Relations
- #19 Happiest Students
Research

With a research portfolio of $521 million, Virginia Tech ranks 43rd nationally and is the only Virginia institution in the top 50 of the National Science Foundation rankings for research expenditures.
Among the world’s leaders in research involving:

- Unmanned aerial vehicles
- Automated transportation technology
- High-performance computing
- Advanced materials
- Wireless telecommunication
- Housing
- Human and animal health
- Cognition development and behavior
- The environment
- Energy, including power electronics, biofuels, fuel cells, and solar-powered building structures
Research institutes

The eight major Research Institutes of Virginia Tech enhance the university's ability to address large-scale research opportunities by crossing traditional disciplinary and college lines.

- Biocomplexity Institute
- Fralin Life Science Institute
- Hume Center for National Security and Technology
- Institute for Creativity, Arts, and Technology
- Institute for Critical Technology and Applied Science
- Institute for Society, Culture, and Environment
- Virginia Tech Carilion Research Institute
- Virginia Tech Transportation Institute
What is AdvantageVT?

- Earn **15-18 transferable credits** that count toward completion of your degree program.
- Intensive academic preparation
- Integration into American university culture
2 levels, based on English proficiency

- **LEVEL 1:** Advanced English proficiency (TOEFL iBT 74)  
  2 semesters

- **LEVEL 2:** High Intermediate English proficiency (TOEFL iBT 60)  
  3 semesters
Program features

• No SAT, no exit TOEFL required!

• 3 entry dates per year – spring, fall, and summer

• Up to 2 hours per week of tutoring
3 tracks

Business Pathway

Engineering Pathway

Science Pathway
Business Pathway

Majors

- Accounting and Information Systems
- Business Information Technology
- Finance, Insurance and Business Law
- Hospitality and Tourism Management
- Management
- Marketing
Engineering Pathway

Majors

- Aerospace Engineering
- Biological Systems Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Construction Engineering and Management
- Electrical Engineering
- Engineering Science and Mechanics
- Industrial and Systems Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Mining Engineering
- Ocean Engineering
Science Pathway

Majors

• Biochemistry
• Biological Sciences
• Chemistry
• Clinical Neuroscience
• Cognitive and Behavioral Neuroscience
• Computational and Systems Neuroscience
• Computational Modeling and Data Analytics
• Economics
• Experimental Neuroscience
• Geosciences
• Mathematics
• Microbiology
• Nanoscience
• Neuroscience
• Physics
• Psychology
• Statistics
• Systems Biology
### Level 2 course composition

<table>
<thead>
<tr>
<th>Semester</th>
<th>English for Academic Purposes</th>
<th>University Success Seminars</th>
<th>Credit Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20 hours/week</td>
<td>4 hours/week</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>10 hours/week</td>
<td>4 hours/week</td>
<td>2 courses, 6 to 7 credits</td>
</tr>
<tr>
<td>3</td>
<td>10 hours/week</td>
<td>None</td>
<td>3 courses, 9 to 11 credits</td>
</tr>
</tbody>
</table>
**Level 1 course composition**

<table>
<thead>
<tr>
<th>Semester</th>
<th>English for Academic Purposes</th>
<th>University Success Seminars</th>
<th>Credit Courses</th>
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<tr>
<td>2</td>
<td>10 hours/week</td>
<td>None</td>
<td>3 courses, 9 to 11 credits</td>
</tr>
</tbody>
</table>
Intensive academic preparation

- Emphasis on content and vocabulary development in the areas of science, engineering, and business
- A guided research project in your discipline of study and genre-specific writing (reports, memos, official correspondence, etc.)
- Independent research projects and oral presentations (topics from your disciplines)
Sample university success seminars

- Develop methods for effective note taking
- Set goals and manage time
- Understand email etiquette and classroom communication
- Utilize the University Libraries and web resources at Virginia Tech
- Explore Virginia Tech’s student organizations and clubs
- Discover the university’s athletic and health resources
- Learn personal habits of health and wellness
- Learn to conduct a research project
Housing

On-campus residence halls

Homestay

Apartments
On-campus dining

Our campus dining services are regularly rated among the best in the U.S.
Campus life

The Princeton Review ranks Virginia Tech No. 2 in the nation for having the happiest students.
Our grads get jobs

Within six months of graduation, 88% percent of our graduates are employed or pursuing graduate degrees.
Direct admission

- Most students will have at least a B+ (88%) grade-point average

High school coursework:

- 3 units of math
- 2 units of laboratory science
- Additional academic units (foreign language is highly recommended)
- Some majors have other requirements, such as an additional year of advanced math or lab science
AdvantageVT admission

Coursework
- Same coursework as direct admission

Grades
- Engineering pathway: 3.5/4.0 high school GPA
- Science and business pathways: 3.0/4.0 high school GPA

English language

**LEVEL 1**
- TOEFL iBT 74
- IELTS 6.0 (with no subsection less than 6.0)
- PTE 50

**LEVEL 2**
- TOEFL iBT 60
- IELTS 5.5 (with no subsection less than 5.5)
- PTE 44
Progression and matriculation

Grades in credit courses
- Engineering pathway: 3.0 GPA/4.0
- Science and business pathways: 2.5 GPA/4.0

Grades in English for Academic Purposes courses
- 70% average across all courses
## Estimated expenses

### Estimated Price Per Semester

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$19,000</td>
</tr>
<tr>
<td>Room and board</td>
<td>$4,400</td>
</tr>
<tr>
<td>Comprehensive fees</td>
<td>$1,370</td>
</tr>
<tr>
<td>Health insurance</td>
<td>$1,500</td>
</tr>
<tr>
<td>Books and supplies</td>
<td>$500</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$26,770</strong></td>
</tr>
</tbody>
</table>

These costs are estimates for planning purposes only and are subject to change. Note that the number of credit hours for which you are enrolled may affect the total price.
### 2018-19 entry dates

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Deadline</th>
<th>Arrival Date</th>
<th>Classes Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Semester</td>
<td>June 25, 2018</td>
<td>August 5, 2018</td>
<td>August 20, 2018</td>
</tr>
<tr>
<td>Spring Semester</td>
<td>November 1, 2018</td>
<td>January 6, 2019</td>
<td>January 22, 2019</td>
</tr>
<tr>
<td>Summer Semester</td>
<td>March 1, 2019</td>
<td>May 18, 2019</td>
<td>May 28, 2019</td>
</tr>
</tbody>
</table>
Apply today

Apply at www.lci.vt.edu

What you will need:

- Nonrefundable $235 application fee
- Completed paper version of the Virginia Tech undergraduate application
- All transcripts and other educational documents translated into English
- TOEFL/IELTS/PTE scores
- Copy of the ID page of your passport
- Copy of a bank statement or letter of financial support
What if I start AdvantageVT after several months and have practiced my English over this time. Can I re-test on arrival? **Yes**, AdvantageVT staff will conduct TOEFL testing on arrival for any students who need to re-test.

If I don’t meet AdvantageVT English requirement but have the necessary grade point average, can I study English at Virginia Tech until I achieve the Level 2 entry score? **Yes**, you can be conditionally admitted to Virginia Tech and study in the pre-pathway intensive English program until you qualify.

Once I become an undergraduate, is it possible for me to get research experience in Virginia Tech laboratories? **Yes**, Virginia Tech encourages undergraduate research and makes many opportunities available through classes, summer institutes and internships.
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