



ADVANTAGEVT

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

*Best Colleges**

- #9: College of Engineering
- #40: Pamplin College of Business

Best Graduate Programs

- #21: Engineering programs
- #24: Public Affairs programs
- #78: School of Education program

No. 25 among public institutions

No. 69 for all national universities

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

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.



Research specialties

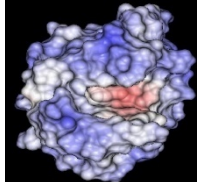
Among the world's leaders in research involving:



Unmanned aerial vehicles



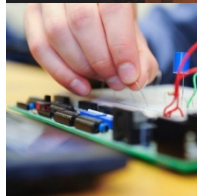
Automated transportation technology



High-performance computing



Advanced materials



Wireless telecommunication



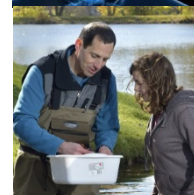
Housing



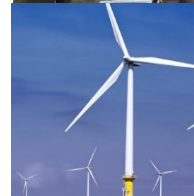
Human and animal health



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

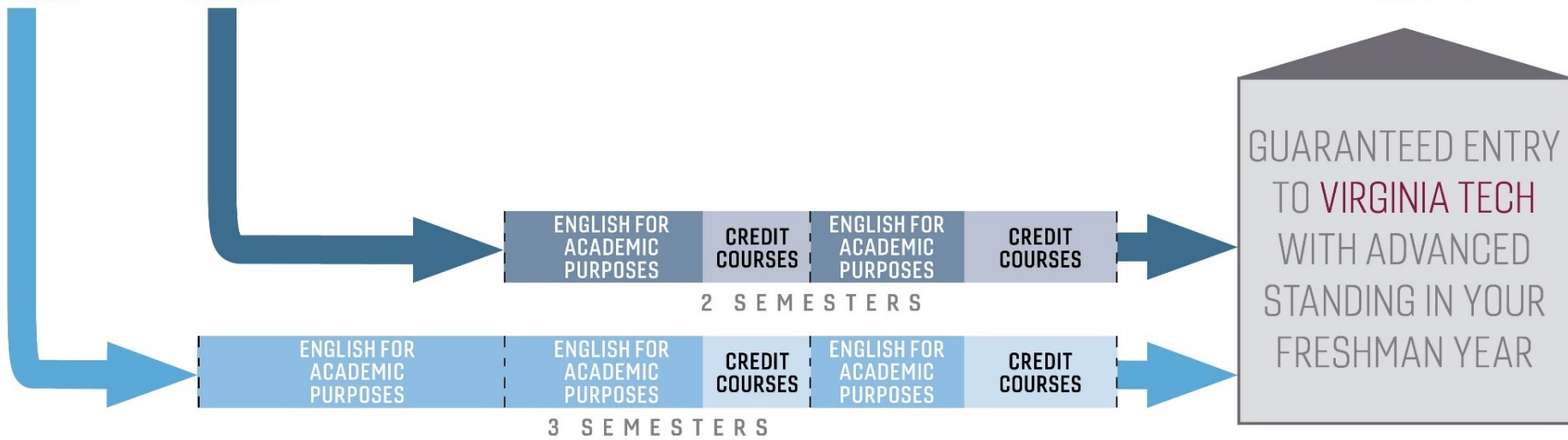


ADVANTAGE VT

LEVEL 2

LEVEL 1

BACHELOR'S DEGREE



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

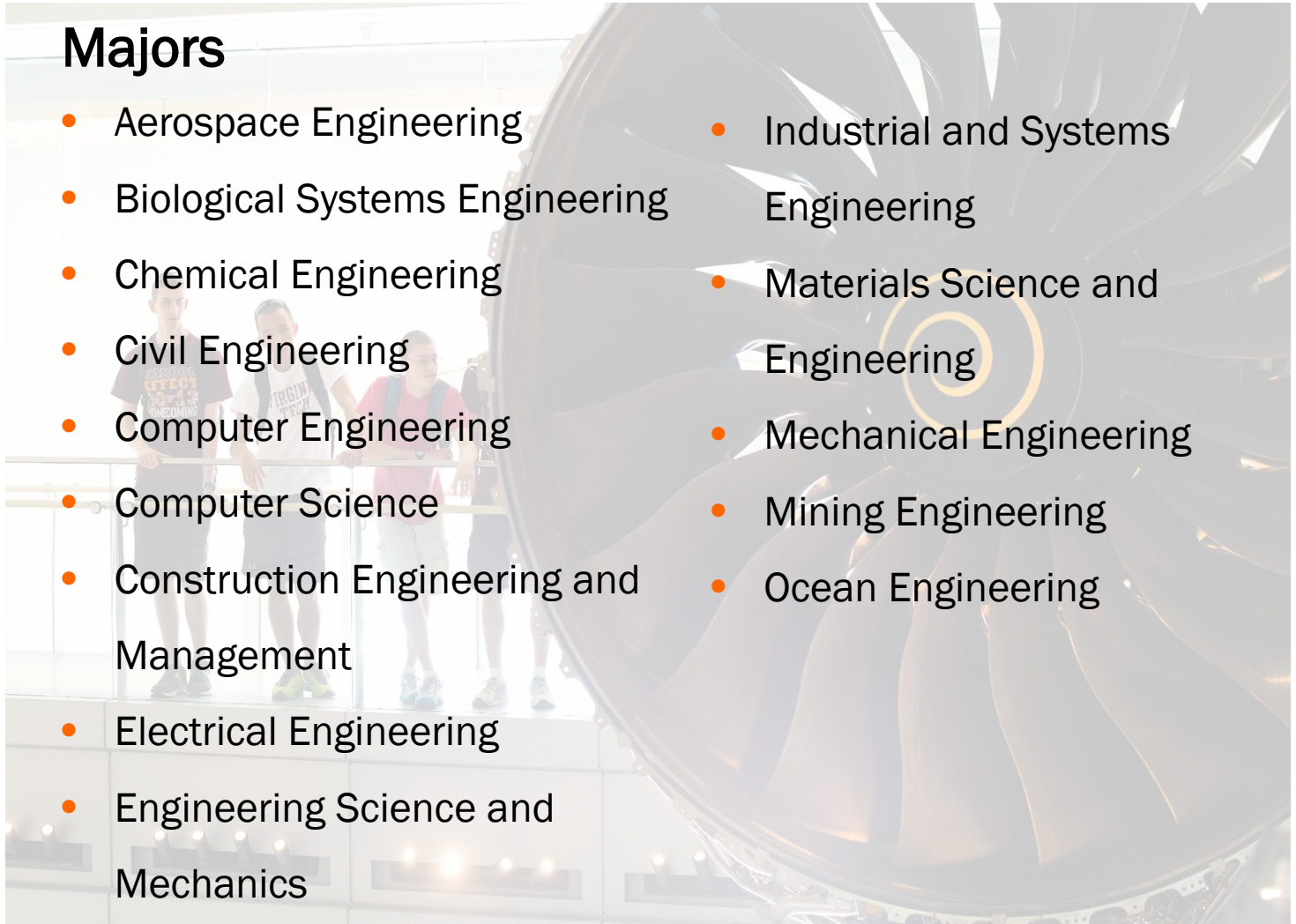
- Accounting and Information Systems
- Business Information Technology
- Finance, Insurance and Business Law
- Hospitality and Tourism Management
- Management
- Marketing



Engineering Pathway

Majors

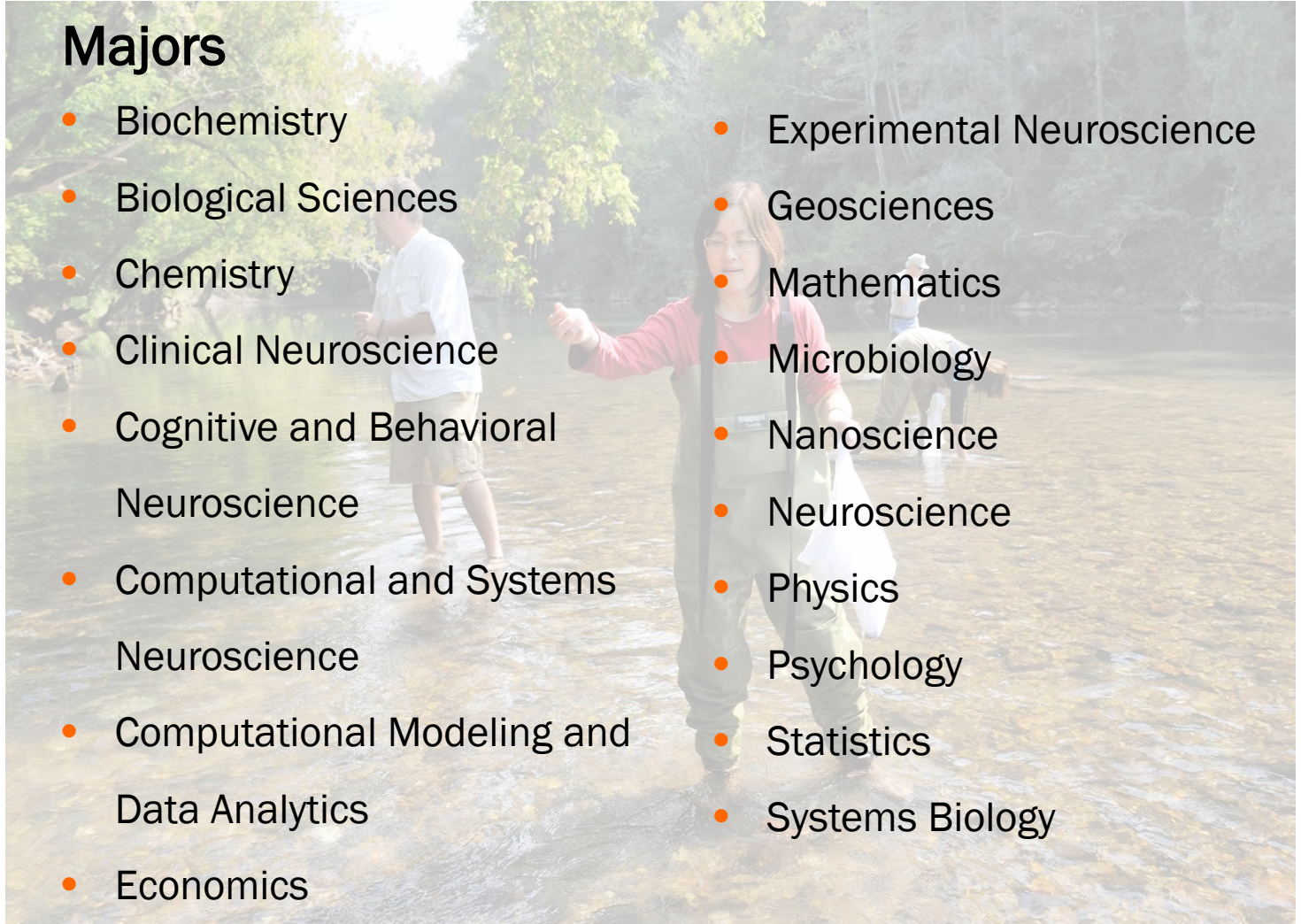
- Aerospace Engineering
- Biological Systems Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Construction Engineering and Management
- Electrical Engineering
- Engineering Science and Mechanics
- Industrial and Systems Engineering
- Materials Science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

Semester	English for Academic Purposes	University Success Seminars	Credit Courses
1	20 hours/week	4 hours/week	None
2	10 hours/week	4 hours/week	2 courses, 6 to 7 credits
3	10 hours/week	None	3 courses, 9 to 11 credits

Level 1 course composition

Semester	English for Academic Purposes	University Success Seminars	Credit Courses
1	10 hours/week	4 hours/week	2 courses, 6 to 7 credits
2	10 hours/week	None	3 courses, 9 to 11 credits

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



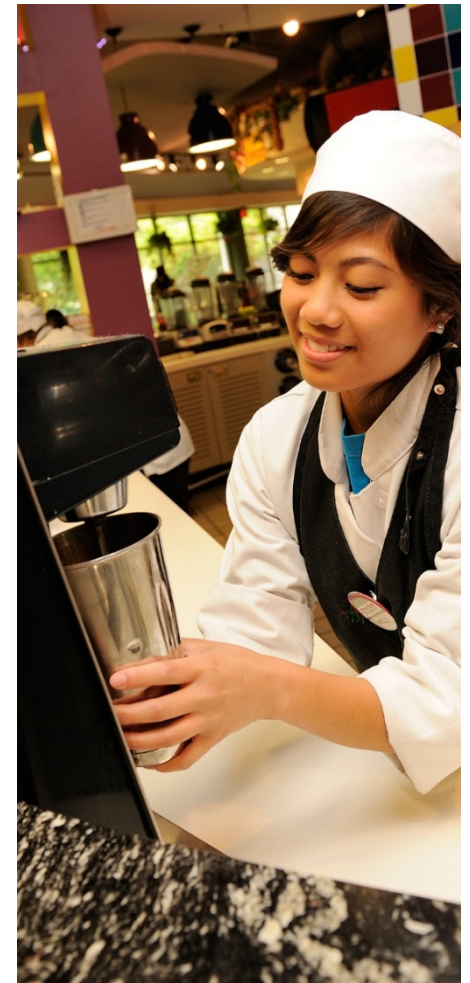
Homestay



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

Tuition	\$19,000
Room and board	\$4,400
Comprehensive fees	\$1,370
Health insurance	\$1,500
Books and supplies	\$500
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TOTAL	\$26,770

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

	Application Deadline	Arrival Date	Classes Start
Fall Semester	June 25, 2018	August 5, 2018	August 20, 2018
Spring Semester	November 1, 2018	January 6, 2019	January 22, 2019
Summer Semester	March 1, 2019	May 18, 2019	May 28, 2019

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

Common questions

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.

A full moon is positioned in the upper center of the frame against a clear, dark blue sky. Below the moon is a large, light-colored stone archway. The archway is flanked by several tall, narrow columns. Each column features a relief sculpture of human figures. The archway is illuminated from below, casting a warm glow on the stone and the figures. The overall scene is set at night, with the moon providing a soft light source.

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