Major Exploration Questions

General

- Why should I consider this major?

- If this is a restricted major, what do I need to do to be a competitive internal transfer?

- What is expected of students entering this major (*skills, time commitment, attitude*)?

- What Pathways or other introductory courses do you offer that will help me explore this major?

- What type of coursework and projects (*essays, papers, group projects, research, assignments*) can I expect in the courses for this field?

- What skills will I gain as a result of being in this major?

- I am a creative person. Is there a major in your College/School where I could utilize my creativity?

- What minors does this College/School offer? What minors do students in this College/School typically pursue?

- What minor(s) would make me stand out in this major?

- Do students often double major? If so, in what?

Advising

What are the College's/School's/Department's academic advising procedures:

- Who are the advisors (*professors or professional advisors*)?

- Are students advised individually or in groups?

- When and how often are students expected to meet with their advisors?

- Do I need to attend an information session for this major?

Career

- What kinds of careers have alumni pursued with this major?

- What might be some unexpected careers alumni pursued with this major?

- How does this major help prepare students for the obvious careers (*e.g. CS for computer programming*)?

- And the not-so-obvious ones (*e.g. biology for lawyer, history for business manager*)?

- What career-related skills can I expect to gain as a result of this major?

- Is graduate study/professional school required or suggested to pursue career fields with this major?

- How can I get in contact with current students or Virginia Tech alumni to talk about their experiences in the major or real-world success with this major after graduation?

Opportunities

What special opportunities does this department offer:

- Scholarships?

- Internships/co-op/field study/experiential learning? *If so, is it required? How will the College/School assist me in finding one?*

- Clubs, organizations, and/or student associations?

- What other opportunities exist for leadership or involvement in the department?

While exploring majors & minors at Virginia Tech, be sure to check out:

- ✓ Explore Self, Careers, & Majors - https://career.vt.edu/exploring.html

- ✓ Who am I? Self-Assessment - https://career.vt.edu/exploring/self-assessment.html

- ✓ Majors: Explore @ VT - https://advising.vt.edu/advising-resources/majors-exploreatvt.html

- ✓ Major Checksheets - https://www.registrar.vt.edu/graduation-multi-brief/checksheets.html

2019-2020 Majors at Virginia Tech

See the [Office of Registrar website for graduation requirements (checksheets)](#) for every major below.
Some of the majors may have additional options not listed here.

Accounting & Information Systems
Aerospace Engineering
Agribusiness
Agricultural Sciences
Agricultural Technology
Animal & Poultry Sciences
Applied Economic Management
Architecture
Art
Biochemistry
Biological Sciences
Biological Systems Engineering
Biomedical Engineering
Building Construction
Business Information Technology
Chemical Engineering
Chemistry
Childhood Pre-Education
Chip Scale Integration
Cinema
Civil Engineering
Classical Studies
Clinical Neuroscience
Cognitive & Behavioral Neuroscience
Communication Studies
Communications & Networking
Computational & Systems Neuroscience
Computational Modeling & Data Analytics
Computer Engineering
Computer Science
Construction Engineering & Management
Consumer Studies
Controls, Robotics, & Autonomy
Criminology
Creative Writing
Crop & Soil Sciences
Dairy Science
Economics
Electrical Engineering
Energy & Power Electronics Systems

Engineering Science & Mechanics
English
Environmental Conservation & Society
Environmental Horticulture
Environmental Informatics
Environmental Policy & Planning
Environmental Resources Management
Environmental Science
Experimental Neuroscience
Family & Consumer Sciences
Fashion Merchandising & Design
Finance
Fish Conservation
Food Science & Technology
Forestry
French
Geography
Geosciences
German
History
Hospitality & Tourism Management
Human Development
Humanities for Public Service
Human Nutrition, Foods & Exercise
Industrial & Systems Engineering
Industrial Design
Interior Design
International Public Policy
International Relations
Landscape Architecture
Landscape Horticulture & Design
Literature & Language
Machine Learning
Management
Marketing Management
Materials Science & Engineering
Mathematics
Mechanical Engineering
Medicinal Chemistry
Meteorology

Microbiology
Micro/Nano Systems
Mining Engineering
Multimedia Journalism
Music
Nanomedicine
Nanoscience
National Security & Foreign Affairs
Natural Resources Conservation
Networking & Cybersecurity
Ocean Engineering
Packaging Systems & Design
Philosophy
Philosophy, Politics, & Economics
Physics
Political Science
Polymer Chemistry
Professional & Technical Writing
Property Management
Psychology
Public & Urban Affairs
Public Health
Public Relations
Radio Frequency & Microwave
Real Estate
Religion & Culture
Residential Environments & Design
Russian
Smart & Sustainable Cities
Sociology
Software Systems
Space Systems
Spanish
Statistics
Sustainable Biomaterials
Systems Biology
Theatre Arts
Water: Resources, Policy, & Management
Wildlife Conservation