

YOU WILL



COLLEGE OF
AGRICULTURE AND
LIFE SCIENCES
VIRGINIA TECH.



LIVE
YOUR
DREAM

i am **VTCALS**

You will

make the next great discovery, pioneer a new technology, or lead a new vision for what is possible. Whatever your dream, **it all begins here.**

We believe knowledge and experience give rise to empowerment: and from these, your ability to **change the world.** That's what Virginia Tech's College of Agriculture and Life Sciences is all about. For more than 150 years, this idea has thrived at the heart of everything we do, and every life we touch.

You will challenge yourself and grow more than ever.

You will experience all that life has to offer through **hands-on learning** opportunities that stretch beyond the boundaries of classroom walls.

You will **join a caring community** dedicated to making the world a better place. And, along the way, you will master new skills. Explore your potential under the guidance of exceptional teachers and mentors. Discover untapped qualities within yourself.

So, prepare to be the brains in the lab and the hands in the soil. The books in the backpack and the boots on the ground. The knowledge gained in the classroom and the wisdom born in the field.

Every day,

you will make a difference. And, every day, **we will work together** to ensure that you cultivate the knowledge, skills, and compassion to become the person you aspire to be.

This is agriculture. This is science. This is life.

This is you.

UT PROSIM

THAT I MAY SERVE

When you interact with our community, you will realize how much our motto means. It signifies a commitment to serving others, though it's about more than just helping people when you can. It's about making this a better world for everyone. This tradition of service brings us together and sets us apart.







“As advisor, coach, and teacher, my job is to help each student find their best path, and to encourage them (push, prod, and cajole) to develop and tap their individual strengths. I’m fortunate to have found work that I love. Demonstrating that enthusiasm and passion for my work, my industry, my life is central to my interaction with students. Enthusiasm is contagious, and I work to ensure that students find what they are enthusiastic about.”

Katharine Knowlton

Horace E. Alphin Professor of Dairy Science
and Undergraduate Program Coordinator

PROFESSORS WHO MAKE THE CONNECTION

Ingenuity may be their hallmark, but connection is their credo. They will be your teachers, mentors, advocates, and even your friends. They will push you when you need to be challenged, and offer a helping hand when you need a dose of encouragement. We’re about relationships. Our professors are here to support your dreams and to fuel your learning.

“Professor Knowlton is, as we say in the South, something else. Her mission as a dairy science faculty member is to do whatever possible to ensure the success of her students. She’s always there to talk to or laugh with, but she always holds her students accountable. Although this seems scary, students learn more from this than any lecture. She gives students the opportunity to learn through experiences — the importance of this cannot be overstated.”

Kendra Phipps

Piney Creek, North Carolina
(Dairy Science)



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10:1

student to faculty
ratio



About Megan Beatty

Blacksburg, Virginia (Food Science and Technology)

“I love food science because it’s all applicable. I deal with a lot of fermentation and processing in the beer and wine labs—the enology lab. My favorite thing is getting to participate in food sensory panels. We get the benefit of tasting different projects.”

Favorite color: Purple.

Favorite food: Peanut butter.

Best friends: My two little sisters. They are 17 and 19 years old.

Favorite activities: I really like to run. Long runs through the woods are relaxing and introspective. I also like sitting outside and reading.



TRANSFORMATIVE RESEARCH

CROSSING DISCIPLINES AND CONTINENTS

**Energy. Biofuel. Water. Genomics. Plants.
Food and Nutrition. Environment.**

And that's just part of our research portfolio.

Do you dream of unlocking the mysteries of infectious disease? Formulating the perfect health food? Eradicating invasive species or enhancing crop yields and animal health?

You can engage in world-class research that spans multiple disciplines and transforms lives. You are integral to all of these efforts. So, whether you want to build the perfect brew or discover the next form of renewable energy, we are ready to guide you.

A CARING AND COMPASSIONATE COMMUNITY

When you enroll at Virginia Tech, you will become an integral part of an exceptionally collegial and caring community – a community of classmates, friends, and faculty who will embrace you as a student and support your dreams as you transition into the workforce and claim your role as a proud alum.

Support

Imagine an environment where you will work collaboratively to achieve common goals and find strength and support from each other.

Family

Our community is more like a family. A home away from home. Here, every voice matters, and everyone is valued.

Connection

True self-discovery requires the support of a connected community guided by shared values such as inclusiveness, compassion, honesty, and integrity.

This is what the College of Agriculture and Life Sciences is all about.

Just ask our students.

About Meghan Garrity

Newport News, Virginia (Agricultural Sciences)

“There are so many different forms of community here. You can have your niche here and find that communities overlap with each other. That is one of my favorite things about Virginia Tech in general. It really does feel like home.”

Favorite color: Teal, purple, and green.

Favorite vegetable to grow: Cucumber, because they are a vine and can grow vertically.

Favorite animal: My cat Autumn, but we call her gray cat.

Secret passion: I love movies. Any movie.





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“I think one of the coolest things about being here is how nice and polite everyone is.”

Kyle Tye
Environmental Sciences

CHOOSE YOUR OWN GLOBAL ADVENTURE

From learning about endangered animals in South America's Galapagos Islands to exploring food systems in South Africa's rolling grasslands to studying natural resources amidst the grandeur of the snow-capped Swiss Alps, you can chart your adventure around the globe.

Our job is to give you the world. Study abroad, international research, and outreach opportunities are yours for the taking – all designed to help you discover your passions while gaining valuable skills and working towards your degree. Students and alumni are using their international experiences to forge dream careers and to become denizens of the world.

Learn more: www.cals.vt.edu

About Jirius Abdallah

Vienna, Virginia (Environmental Science)

“My favorite part of our trip to Ecuador was the Amazon. On our first night, we took a hike with only a tour guide and our flashlights. We just started walking and following him, and he told us to turn off our flashlights. When we did, we were surrounded by the sounds of birds, monkeys, and bugs. It was humbling, and it was one of the happiest experiences of my life.”

Favorite food: My mom's hummus.

Favorite teacher: Professor John Galbraith.

Secret skill: I play the piano, cello, guitar, ukulele and banjo. I used to compete in piano competitions.





 Peru



 Mongolia



 South Africa

SELF DISCOVERY + REAL-WORLD EXPERIENCE = INTERNSHIPS

Opportunities abound to help you discover what you love. Internships teach important skills and can help you choose a major and even a career. Whatever your interests – nutrition, agriculture, environmental science, community and youth development, animal health, research, and more – we will connect you with the people, institutions, and industry leaders who will teach you marketable skills and help you find your calling.

nearly
100%
of students find a career
related to their major

About Marquelle Benn

Richmond, Virginia (Animal and Poultry Sciences)

“The college does a great job of presenting us with internship, scholarship, club, job, and event opportunities. I found an internship and one of my scholarships from a weekly newsletter that is sent to all students in the college. There are so many opportunities here.”

Favorite color: Blue.

Hobby: I like to cook. My dad is from Saint Vincent, and my mom is from Jamaica. I love to make Caribbean food and to play with different spices. One of my favorites is salt fish and ackee (a fruit). It's the national dish of Jamaica.



A wide variety of internships are available through the university and through each of the college's academic departments, as well as through 4-H and Virginia Cooperative Extension.

WE CAN HELP

SCHOLARSHIPS AND FINANCIAL AID

Your job is to focus on your studies and college experience. Ours is to make that possible.

Scholarships

Each year, the college and its departments award some 600 scholarships with a total value of more than \$900,000. Approximately one in five students receives support.

Qualifications

Scholarship decisions are based on academic achievement, participation in extracurricular activities, career goals, and financial need.

Financial Aid

We offer financial aid and college and departmental scholarships to first-year, transfer, and returning students who meet various qualifications.

More

Information on each is available here: www.cals.vt.edu



600

scholarship awards
valued at \$900,000



www.cals.vt.edu

CAMPUS LIFE

You may find yourself drawn to our small-town feel and access to beautiful mountains, lakes, and trails, yet you will discover big-time opportunities here.

During your free time, you can explore many entertainment options, sports, extraordinary hiking and biking, and numerous service opportunities. And with over 40 campus restaurants to choose from, whatever your tastes, you'll eat well every day. The town of Blacksburg also offers shopping, restaurants, and cultural amenities within close walking distance.

What really anchors the Virginia Tech experience for students are deep-rooted traditions such as hiking the Cascades, watching the sunset from the War Memorial Pylons, and picnicking at the Duckpond, to name a few. The Hokie spirit infuses everything we do, and we can't wait to share it with you.

#2

**Ranked second for
best campus in the nation
by Business Insider**

#3

**Ranked third in
best campus food
by the Princeton Review**

Mentoring, tutoring, personal and career counseling, and other sources of support are available to our students. From the Peer Assistance for Learning program to Services for Students with Disabilities, Virginia Tech and the college offer numerous resources to our students. Learn more:

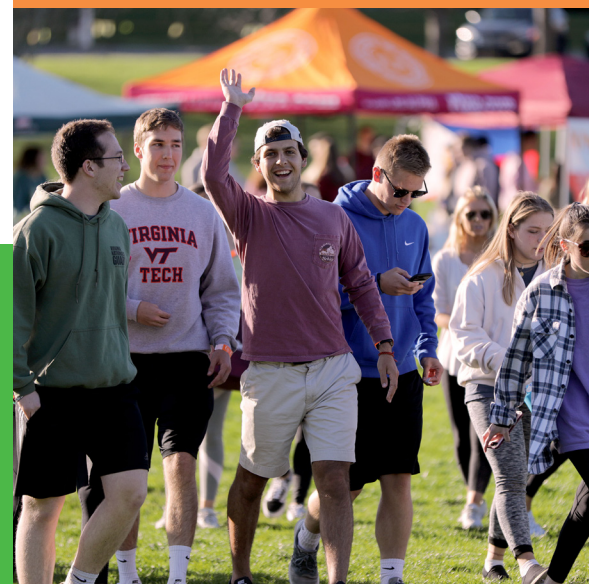
<https://www.universitystudies.vt.edu/university-studies-resources.html>



2,600

BEAUTIFUL ACRES
OF ROLLING CAMPUS

WITH **213** BUILDINGS MADE FROM
HUNDREDS OF THOUSANDS OF TONS
OF LOCAL HOKIE STONE





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WE'VE GOT YOUR BACK

ADVISING AND STUDENT SUPPORT

From the moment you become a student in the College of Agriculture and Life Sciences, you will have access to a dedicated advisor in your area of interest or major. You will have the opportunity to form a relationship with a mentor who can share their expertise and personal experiences in your field. Someone who brings professional knowledge, understanding, and experience as an advisor and a student advocate. Someone who can give you advice on classes, careers, and life.

Personal interactions with your advisor are part of our college-level commitment to your success as a student and beyond.





THRIVE

Academic Programs

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