

# BUILDING INDUSTRY'S LEADERS AND INNOVATORS

**VT**  
MYERS-LAWSON  
SCHOOL OF CONSTRUCTION  
VIRGINIA TECH.™



# BACHELOR OF SCIENCE IN

## IN THE CLASSROOM...

### INFORMATION SYSTEMS IN BUILT ENVIRONMENTS



The applications of IT in design, construction, and operation of buildings vary from generating building models to using AI for keeping track of materials, machinery, and people at any point in the lifecycle of a building. Students in this track will have the opportunity to take courses on topics of advanced BIM, digital construction and manufacturing, BIM for facility management, wireless sensing, and construction automation and robotics.

### EMERGENT TECHNOLOGIES IN CONSTRUCTION, HOUSING, & DEVELOPMENT



Understanding various applications of innovation for the future of the industry. This covers the fundamentals of innovation theory and emphasizes practical applications for the built environment. Students engage with innovation across the industry, with special emphasis on housing and residential settings, interpret innovation literature and apply these concepts broadly.

### SUSTAINABLE BUILDING PERFORMANCE



Focusing on the dynamics of building function, growing societal needs, Leadership in Energy Efficient Design (LEED), and resource constraints, graduates understand and manage the effects of construction decisions on building performance in terms of the mechanical, electrical, and enclosure systems impact on energy usage and sustainability.

### DIRECTED DOUBLE MAJOR



Students pursuing double majors may use courses from their other major for restricted electives as long as the courses are not BC major requirements. This track must be approved by department head. The Real Estate Double Major immerses students in the business of side of construction, with joint classes in the College of Business and other disciplines.

# BUILDING CONSTRUCTION

## OUTSIDE THE CLASSROOM...

100% OF OUR STUDENTS ARE EMPLOYED  
UPON GRADUATION



Each year our students continue to amaze us, but it doesn't surprise us. Our students are highly sought after and many have multiple job offers in which to choose. Many go into their senior year with their offer in place and can concentrate fully on the last year of classes. If you want a high-paying and exciting job then look no further.

MYERS-LAWSON SCHOOL OF  
CONSTRUCTION CAREER FAIR



We know that real world experience is invaluable and we offer opportunities for our students to network, intern, co-op, and get hired. Each semester the Myers-Lawson School of Construction hosts a career fair specific to the construction industry where our students are able to talk with representatives from over 100 companies.

## AWARDING STUDENTS FOR THEIR HARD WORK



To help with the cost of a four-year degree being immense, the Building Construction Department awards over \$100,000 in scholarships to support the next generation of leaders in the construction industry. The funds for these awards come from the department, alumni, and industry partners.

## PROJECT AND TEAM-BASED LEARNING



In our integrated construction sequence of classes, teams work together throughout the semester to create a competitive formal bid for a construction project, similar to the bidding process construction companies undertake. Our students interface with industry in their senior capstone projects

# THE STUDENT EXPERIENCE

## OUR STUDENTS CAN EXPECT...



- + # 1 construction management program in VA  
# 2 building construction program in US
- + Competitive salaries from \$60,000-\$80,000+ and accepted job offers prior to graduation
- + Hands-on internship experiences with industry leaders across the nation
- + Various scholarships to help students meet their educational goals
- + Field visits and collaboration with industry reinforce the core program

## FROM OUR AMBASSADORS...



**BRANDON MUELLER**  
CLASS OF 2021

I liked how easy it was to network with individuals in the industry and the opportunities that are available through internships. Students are set up for success and almost always graduate with multiple full-time employment offers.



**KE'AJA JEFFERSON**  
CLASS OF 2021

I found an opportunity for maturity, discipline, bullet proof perseverance, and the road to my true calling. I am excited about the endless opportunities and limitless growth provided in the industry.



**DANA FOWLER**  
CLASS OF 2022

I've loved the program ever since I switched into the major. I've been able to work in smaller class settings and be supported not only by our teachers/staff but industry professionals as well.



**FRANK MCGUIRE**  
CLASS OF 2022

I truly believe the Building Construction program is phenomenal. Not only am I gaining a lot of knowledge in the classroom, but also receiving great opportunities through internships and hands-on experience which is irreplaceable.

**For questions or more information, please contact one of our advisors or find us online!**

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