

# Biochemistry

DIVISION OF  
NATURAL  
SCIENCES

## PROGRAMS OF STUDY:

- B.A. in Biochemistry
- B.S. in Biochemistry

## EXTERNAL RELATIONSHIPS



- 490 Biotech
- Covenant Health
- Edward Via College of Osteopathic Medicine
- Lipscomb University College of Pharmacy and Health Sciences
- Oak Ridge National Laboratory
- University of Tennessee College of Pharmacy
- University of Tennessee College of Veterinary Medicine

## GRADUATE SCHOOL PLACEMENTS

- Clemson University
- Duke University School of Medicine
- East Tennessee State University Bill Gatton College of Pharmacy and Quillen College of Medicine
- Johns Hopkins University
- Medical University of South Carolina
- Northwestern University
- The Ohio State University College of Medicine
- University of Houston College of Optometry
- University of Kentucky College of Medicine
- University of Rochester School of Medicine and Dentistry
- University of Tennessee: Colleges of Dentistry, Medicine and Pharmacy



**MARYVILLE**  
COLLEGE  
IN THE GREAT SMOKY MOUNTAINS

## Why study Biochemistry at Maryville College?

Maryville College's interdisciplinary curriculum in Biochemistry integrates laboratory, theoretical and research skills to provide the range of abilities needed by the practicing biochemist. Research opportunities through Oak Ridge Associated Universities and Oak Ridge National Laboratory complement the curriculum. With careful elective choice, you can pursue a career as a professional biochemist, enter graduate school programs that lead to a variety of research-oriented careers or apply for medical school or other health-related programs. Students interested in teaching at the middle- or high-school level can continue their studies at MC after graduation and earn a Master of Arts in Teaching (M.A.T.) Secondary STEM degree in only one year.

## MEET A CURRENT SCOT

### James McGhee

Hometown: Madisonville, Tennessee



After exiting the Army, James wanted to attend a small college close to home where he could commute. He found MC and chose Biochemistry as he loves "understanding the mechanics and processes running within chemistry and the human body." Also serving as a STEM Success Mentor, he is impressed by how dedicated the MC STEM programs are to ensuring student success.

James also will be working with a Distributed Pharmaceutical Analysis Laboratory (DPAL) and

Chemistry Professor Dr. Mary Turner to evaluate pharmaceuticals for appropriate quantities of active ingredients. As for his long-term goals, James said: "I plan to attend medical school, and I have a passion for emergency medicine and trauma response."

## MEET A RECENT GRAD

### Autumn Seeders '24

Currently: Histology Technician at Molecular Pathology Laboratory Network, Maryville, TN



Autumn came to MC to study genetics; however, "the more time I spent in the lab, the more I found myself enjoying the hands-on lab work," she said. This experience led to her interest in becoming a histotechnician. She recently completed a year of on-the-job training and is preparing to take the Histotechnology (HTL) certification exam.

Instrumental in her collegiate success and career path was her Senior Study. "It helped build my confidence in the lab, taught me how to take ownership of a project and allowed me to work more independently," she said, adding that while MC is known for its academic rigor, "the community at Maryville College is very supportive, pushing you to grow and achieve more than you thought you could."

## FOR MORE INFORMATION:

visit [maryvillecollege.edu/biochemistry](http://maryvillecollege.edu/biochemistry) or call 865.981.8092