

# Pre-medicine (DO) at Clemson University

## Plan your path

Core prerequisites checklist  
for many medical programs:

- Biology
- Chemistry
- Organic chemistry
- Biochemistry
- Physics
- Psychology
- Sociology

These additional courses  
may be required by select  
schools:

- Anatomy and physiology
- Cell biology
- Genetics
- Microbiology
- Abnormal psychology
- Lifespan/developmental psychology
- Medical terminology
- Calculus/statistics

Prerequisites vary by school. Please refer  
to your preferred medical school's web-  
site for detailed requirement information.



## Physicians are on the front line of medicine. It's an exciting and rewarding career and one that is growing in demand.

Medicine is a broad field, encompassing a wide range of focus areas and expertise, which is why physicians choose a specialty during their training. Specialties range from the general (family medicine, pediatrics) to the very specific (orthopedic surgery, radiation oncology).

## Applying to medical school

Individuals interested in becoming a physician can choose from two paths — getting a doctor of medicine (M.D.) degree or a doctor of osteopathic medicine (D.O.) degree. While the end result is the same — a career as a physician — the training and education are different. Osteopathic medical schools incorporate Osteopathic Manipulative Treatment (OMT) within their medical education. Osteopathic medicine students and students are eligible to participate in all the same specialties offered by allopathic medical schools. Admissions committees look for students who are intellectually curious, involved in extracurricular activities and community service, and show leadership skills, empathy, compassion and the ability to work on a team.

The Medical College Admission Test (MCAT) is an important part of medical school admission. MCAT results help admissions officers identify which students are likely to succeed in medical school by assessing students' problem solving, critical thinking, and knowledge of important science concepts and principles. The exam is structured in the following format:

- ▶ Biological and Biochemical Foundations of Living Systems
- ▶ Chemical and Physical Foundations of Biological Systems
- ▶ Psychological, Social, and Biological Foundations of Behavior
- ▶ Critical Analysis and Reasoning Skills

## Gain experience

- ▶ Job shadow and volunteer at a hospital or medical clinic.
- ▶ Apply for internships at a health care facility.
- ▶ Seek opportunities for research experience.

## Find out more

The American Osteopathic Association provides resources for students considering medicine as a career.

- ▶ Visit [osteopathic.org](http://osteopathic.org) for more information.

## Medicine specialties

- ▶ Family medicine/general practice
- ▶ Anesthesiology
- ▶ Cardiovascular medicine
- ▶ Dermatology
- ▶ Emergency medicine
- ▶ Internal medicine
- ▶ Neurology
- ▶ Oncology
- ▶ Orthopedics
- ▶ Pediatrics
- ▶ Psychiatry
- ▶ Radiation oncology
- ▶ Sports medicine
- ▶ Surgery

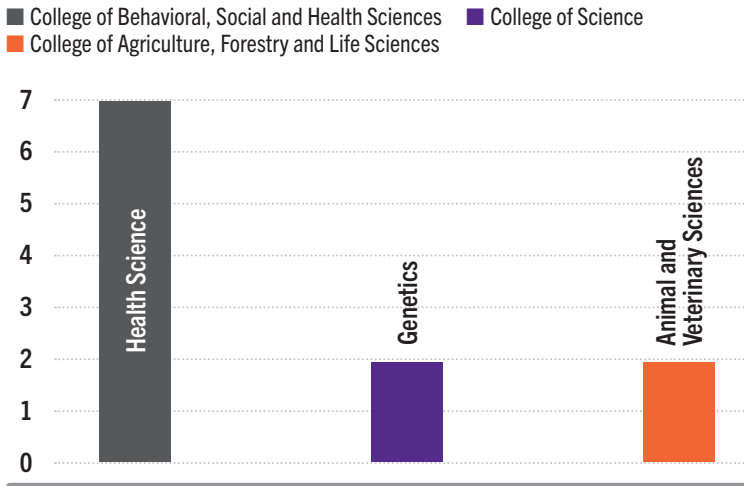
## Osteopathic medical schools in South Carolina

- ▶ Edward Via College of Osteopathic Medicine – Carolinas (VCOM)



# Osteopathic medical school matriculation profile

## Accepted undergraduate students by major



## Average GPA

of accepted Clemson students

**3.7**

**507**

## Average MCAT

of accepted Clemson students

## National average GPA

of accepted students

**3.5**

**503**

## National average MCAT

of accepted students

## Average acceptance rate

National average

**36%**

Clemson average

**37%**

Clemson average is higher than the national average

Source: ACCOMAS

**+1%**

## Where students matriculate

Students most frequently attend these schools after Clemson:

- ▶ Edward Via College of Osteopathic Medicine (VCOM) — Carolinas
- ▶ Edward Via College of Osteopathic Medicine (VCOM) — Auburn
- ▶ Lincoln Memorial University DeBusk College of Osteopathic Medicine

## Average medical school attendance cost

**PUBLIC**  
\$213,700

**PRIVATE**  
\$270,300

**\$238,700**  
average physician salary

Source: U.S. Bureau of Labor Statistics, 2022

### SPECIALTY SALARIES

Pediatricians: \$198,420  
Family medicine physicians: \$235,930  
Neurologists: \$267,660  
OB/GYNs: \$296,210  
Orthopedic surgeons: \$306,220  
Anesthesiologists: \$331,190

**CLEMSON**  
UNIVERSITY

To learn more

Contact Health Professions Advising:  
Email: [cuhpa@clemson.edu](mailto:cuhpa@clemson.edu)

