

Pre-medicine 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 Medical Association (AMA) provides resources for students considering medicine as a career.

- ▶ Visit ama-assn.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

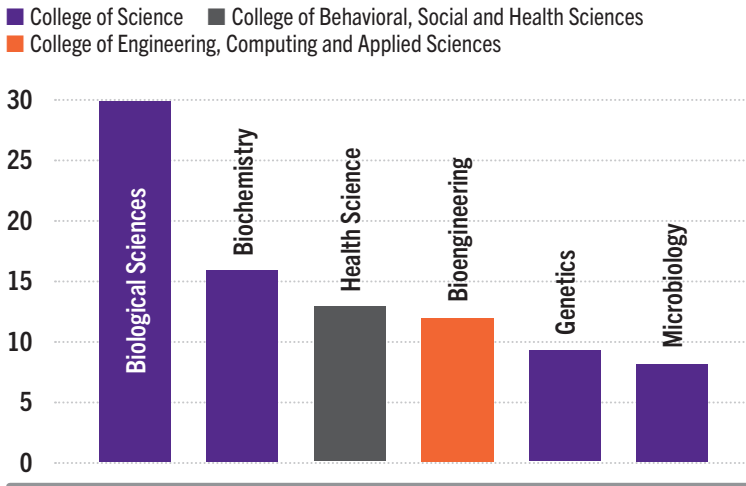
Medical schools in South Carolina

- ▶ University of South Carolina School of Medicine (Greenville or Columbia)
- ▶ Medical University of South Carolina (MUSC)



Medical school matriculation profile

Accepted undergraduate students by major



Average GPA

of accepted Clemson students

3.8

3.8

National average GPA

of accepted students

Average MCAT

of accepted Clemson students

511

512

National average MCAT

of accepted students

Average acceptance rate

National average

38%

Clemson average

47%

Clemson average is higher than the national average

Source: AMCAS

+9%

Where students matriculate

Students most frequently attend these schools after Clemson:

- ▶ Medical University of South Carolina
- ▶ University of South Carolina School of Medicine Greenville
- ▶ University of South Carolina School of Medicine Columbia
- ▶ University of North Carolina School of 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
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To learn more

Contact Health Professions Advising:
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