

Updated December, 2018

Links for Pre-Medical (Allopathic, M.D.) Students:

General Information

AAMC Student Link (<https://students-residents.aamc.org/>) The AAMC is the best resource for information about medical school. This link is a great place to start if you are planning to (or wondering how to) pursue medical school.

ExploreHealthCareers.org-Medicine (<https://explorehealthcareers.org/career/medicine/allopathic-physician-m-d/>)

South Carolina Medical Schools

Medical University of South Carolina (<http://academicdepartments.musc.edu/com/>)

University of South Carolina School of Medicine-Columbia
(https://sc.edu/study/colleges_schools/medicine/index.php)

University of South Carolina School of Medicine-Greenville
(https://sc.edu/study/colleges_schools/medicine_greenville/index.php)

Quick Statistics on Admission to South Carolina Medical Schools

School	First Year Class Size	Median GPA of Admitted Students	Median MCAT of Admitted Students
MUSC	174	3.79	510
USC-SoM Columbia	100	3.80	508
USC-SoM Greenville	104	3.81	508

Information via AAMC. Please contact the HPC for information on additional schools.

Student Organizations and Forums

American Medical Student Association (<https://www.amsa.org>)

American Medical Women's Association Pre-medical Division (<https://www.amwa-doc.org/pre-medical-students/>)

Student Doctor Network Forums (including Pre-medical) (<https://forums.studentdoctor.net>)

MCAT

AAMC MCAT Resources (<https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/>)

- What's on the MCAT (<https://students-residents.aamc.org/applying-medical-school/article/whats-mcat-exam/>)
- Khan Academy MCAT Prep (<https://www.khanacademy.org/test-prep/mcat>)
- MCAT Prep Hub (through AAMC MCAT resources, requires free AAMC account)

Suggested Winthrop Courses

Students should check the required and recommended courses at the medical schools they plan to apply to. The HPC is happy to assist.

BIOLOGY

Fundamental courses emphasized on the MCAT

Cell Biology: BIOL 315 (suggested to take before physiology and biochemistry)

Genetics or Principles of Human Genetics: BIOL 317 or 316

Human Physiology: BIOL 308

Additional courses that will help prepare you for medical school

Microbiology: BIOL 310

Human Anatomy: BIOL 307 (suggested to take during final year)

Immunology: BIOL 522 (note: offered every spring)

Mechanisms of Disease: BIOL 519 (note, offered every other year)

Microscopic Anatomy: BIOL 521 (note: offered every other year)

Molecular Biology: BIOL 555 (note: offered every other year)

Specialty Courses

Biology of Bone: BIOL 528

Stem Cell Biology: BIOL 529

Neuroscience and Disease: BIOL 539 (note: offered every other year)

CHEMISTRY

General Chemistry I: CHEM 105

General Chemistry II + Lab: CHEM 106/108

Organic Chemistry I: CHEM 301

Organic Chemistry II: CHEM 302

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Biochemistry Option 1*

- **Essentials of Biochemistry: CHEM 520**

Biochemistry Option 2*

- **Biochemistry I +lab: CHEM 523/525**
- **Biochemistry II: CHEM 524**

*Students should complete one of the two biochemistry options.

MATH (Choose two; consult requirements/recommendations of target medical schools)

Applied College Algebra: MATH 151

Finite Probability and Statistics: MATH 141

Applied Calculus: MATH 105

Calculus I: MATH 201

PHYSICS

Physics Option 1*

- **General Physics I +Lab: PHYS 201/201L**
- **General Physics II + Lab: PHYS 202/202L**

Physics Option 2*

- **Physics with Calculus I: PHYS 211/211L**
- **Physics with Calculus II: PHYS 212/212L**

*Students should complete one of the two physics options.

PSYCHOLOGY

General Psychology: PSYC 101

SOCIOLOGY

Principles of Sociology SOCL 201