

Pre-Med Advising Notes for All

Identify potential schools

Understand their admissions requirements (see AAMC site)

www.aamc.org

Start collecting clinical experiences

This means both shadowing to gain info on specialties

AND

Summer jobs, weekly volunteerism, etc., academic year work

Show community commitment

do service, if not clinical, something else; join the team at the **Community Care Clinic in Boone!**

Pick a major you love

You are likely to do better in it. Easiest are PSY & BIO, CHE is OK, but social science/humanities majors who can ALSO do all the required science courses are very interesting to the most competitive schools (as long there as there is a medically-related reason for the major, e.g., SNH to communicate with pts).

Plan a curriculum that includes not just the required science courses, but others that broaden your understanding of health issues, care, and delivery globally. Look at the Minor in Medical Humanities.

Start thinking of your thesis research

It is a stepping stone to med school that must be in place by spring of junior year, so identify potential mentors ASAP and start work with them freshman year.

Remember, it does NOT have to be health-related, though that makes most sense. Some things can be connected to medicine in unusual ways

Go meet Celeste Crowe in the Pre-Professional Advising office in the fall

Join Health Professions Club !!!

Visit their website for info at:

<http://hpa.appstate.edu/health-professions/medicine-md/do/dpm>



Requirements of some neighborhood med schools – look at others

	Hours
Substitutions are not acceptable for any of the required courses.	
Biology including at least one course with lab. It is strongly suggested that students take at least one course in Cell and Molecular Biology or Genetics.	8
General and Organic Chemistry with labs. In addition, a course in Biochemistry is strongly recommended.	16
General Physics with labs	8
English Please note that if you satisfy your undergraduate institution's English or Literature requirement for your degree program, you will also satisfy ours.	6
Behavioral or Social Sciences (e.g., Humanities, Psychology, Anthropology, Sociology, Social Diversity, etc.)	3
Advanced Placement (AP) courses are accepted as long as they appear on your official transcript. If you have received AP credit for any of the required science courses, we strongly advise you to consider taking advanced level college courses to enhance your academic preparation for medical school.	-

- General Biology or Zoology with laboratory (Botany alone is not sufficient to meet this requirement),
- General Chemistry with laboratory (which must include both qualitative and quantitative analysis),
- Organic Chemistry with laboratory,
- Physics with laboratory, and
- English (or writing intensive courses)



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While not required, courses in genetics, biostatistics, humanities, social science, and an additional year of English are strongly recommended. In keeping with AAMC recommendations, applicants are encouraged not to enroll in undergraduate or graduate courses which are likely to be repeated in the medical school curriculum.

Completion of a minimum of 90 semester hours of undergraduate courses at a regionally accredited college or university is required to be eligible for admission.

Required Courses

- General Chemistry (with labs)
- Organic Chemistry (with labs)
- Physics (with labs)
- Biology (with labs)
- Communication Skills
- Course Electives



Semester Hours

- 8
- 8
- 8
- 8
- 9
- 49

With the exception of the required courses noted above, applicants are strongly urged to follow their own personal interests in developing their premedical course of study. Undergraduate majors in the humanities or sciences are equally acceptable.

Although at least 90 undergraduate semester hours is needed for admission, almost all students have earned degrees before matriculation. Eight semester hours each in general biology, general chemistry, organic chemistry, and physics are generally considered as minimum preparation. Prerequisite course work from community colleges is strongly discouraged because of the difficulty in adequately assessing the quality of that preparation.

Your credits should include:

- Eight semester hours of vertebrate zoology or general biology
- Eight semester hours of general physics
- Eight semester hours of general chemistry
- Eight semester hours of organic chemistry
- Alternately, students may take four semester hours of organic chemistry and four semester hours of biochemistry



The essential qualifications for admission to the Duke University School of Medicine are intelligence, character, and integrity. We're looking for individuals who have compiled remarkable undergraduate records with clear evidence of leadership and scholarship, commitment to community service, and motivation for a career in medicine.

Admission requires at least 90 hours of approved college credit, including:

- A minimum of 1 semester of general chemistry with lab
- A minimum of 1 semester of organic chemistry with lab
- A minimum of 1 semester of biochemistry (lab optional)
- One year of biology with lab; a course in cell and/or molecular biology is strongly recommended
- One year of college English or a university writing course
- One year of physics with lab
- One semester of calculus plus one semester of an additional college-level math, statistics or biostatistics are strongly recommended

