

## Health Professions: Pre-Medical

<http://www.univhonors.vt.edu/premed/>

*For students entering Summer or Fall 2009*

**Primary Advisors:** Dr. Thomas Sitz (PRIMARY-Honors)  
118 Hillcrest Hall [0427]  
[tositz@vt.edu](mailto:tositz@vt.edu)  
231-4591

Dr. Jack Evans (Biology majors)  
2089 Derring Hall [0406]  
[jaevans1@vt.edu](mailto:jaevans1@vt.edu)  
231-6408

**Additional Advisors:** Michael Berg in Chemistry – [bergm@vt.edu](mailto:bergm@vt.edu) – 221 Davidson Hall

**Majors:** Any major is acceptable as long as certain specific admission requirements are met. Medical schools encourage broad study in humanities and social sciences as well as biology and the natural sciences. Common majors are BCHM, BIOL, ENGE, and HNFE.

### Specific Course Requirements:

Chemistry 1035/1036 plus labs

Biology with labs (1005-6 or 1105-6 plus labs)

Math 1015/1016 or any calculus sequence

Psyc / Human development are required by some schools

Organic Chemistry 2535/2536 plus labs

General Physics 2205/2206 plus labs

English 1105/1106

Statistics: prefer upper level vs. introductory

\*\*AP/DE credit: Students with AP credit, especially in required sciences, should strongly consider whether or not they should accept the credits or take the courses at Virginia Tech. If students accept AP credit, they should consider taking additional courses at the upper division to demonstrate their abilities. Students should review the Frequently Asked Questions from the Virginia Tech Pre-Med and Pre-Dental Program website listed below. \*\*

[http://www.univhonors.vt.edu/html/premed\\_faq.html#09](http://www.univhonors.vt.edu/html/premed_faq.html#09)

\*\* It is general NOT okay to take these prerequisites over the summer. Health professional schools prefer the courses to be taken on campus with a normal academic load. Schools also often frown on taking science classes at a community college. Community college credits should be kept at a minimum! \*\*

### Student Organizations:

American Medical Student Association [AMSA] ([www.amsa.org/premed](http://www.amsa.org/premed))

Alpha Epsilon Delta Pre-Med Fraternity: <http://www.alphaepsilondelta.org.vt.edu/>

PreSOMA: Pre Students of Osteopathic Medicine (no website available)

### Other Resources:

Course: **UH 2984: Careers in Medicine** 1 credit, Fall only, sophomores or higher.

Pre-Med and Pre-Dental Program at Virginia Tech <http://www.univhonors.vt.edu/premed/>

American Association of Colleges of Osteopathic Medicine [AACOM] [www.aacom.org](http://www.aacom.org)

Association of American Medical Colleges [AAMC] – [www.aamc.org/students](http://www.aamc.org/students)

### Information Sessions:

**Pre-med open meetings: each Wednesday & Thursday 8:00am Hillcrest 132** No appointment needed.

Check the Pre-Med and Pre-Dental Program for a list of events and sessions.

- Additional Requirements:** Highly recommend volunteer service/preceptorship. Consider applying for preceptorship. Certification (EMT, paramedic, nursing assistant, etc.) can help get experience.
- Admissions Test:** MCAT. Take spring or summer of Junior year. Science courses should be almost complete. Emphasis is on scientific problem solving, critical thinking, writing skills, and mastery of basic concepts of biology, chemistry, and physics.
- GPA:** ~ 3.5. Students can also go on-line and check the mean and range of GPA for the medical schools of their interest. Application is competitive.  
**GPAs calculated: overall, in-major, and science.**
- Interview:** Campus (mock) interviews are in the spring of the junior year, generally in March. Medical school interviews are generally in the fall of the senior year.

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