



**What does it mean to be a
Pre-professional student at the
College of Charleston ?**

Today is the beginning---

Professional School Concentrations

- Pre-Medical
 - Allopathic (MD and MD/PhD)
 - Osteopathic (DO)
 - Podiatry
 - Optometry
- Pre-Dental
- Pre-Veterinary
- Pre-Pharmacy
- Pre-Nursing
- Pre-Allied Health



What major should I choose?

- Health professionals come from a variety of backgrounds in the natural sciences, social sciences and the humanities
- No specific major is required for admission to professional school
- A mastery of the basic sciences and an appreciation of the scientific method are expected of all entering medical students and required for most clinical health care programs

Requirements for Medical School

- General Biology for majors
BIO 111 & 112 + labs 8 SH
 - Chemistry 8 SH
CHEM 111 & 112 + labs
 - Organic Chemistry 8 SH
CHEM 231 & 232 + labs
 - Biochemistry 3 SH
 - General Physics 8 SH
PHYS 101 & 102 or PHYS 111 and 112 +Labs
- Math (through Calculus 120) *Behavioral Sciences
- MCAT (standardized test required)

Requirements may vary for schools

Requirements for Dental School

- Biology or Zoology 8 SH
BIO 111 & 112 + labs
- Chemistry 8 SH
CHEM 111 & 112 + labs
- Organic Chemistry 8 SH
CHEM 231 & 232 + labs
- Physics 8 SH
PHYS101 & 102 or 111 and 112 + labs
- Math 120 (Calculus)
- Microbiology, Biochemistry, Comparative Anatomy, Genetics
- * DAT (Standardized test for admission)

Requirements may vary for schools

Requirements for Veterinary School

- Biology 8 SH
- Chemistry 8 SH
- Organic Chemistry 8 SH
- Biochemistry 4 SH
- Physics 8 SH
- *GRE or MCAT*

(standardized test for admission)

Requirements may vary for schools

Requirements for Pharmacy School

- Statistics
- Economics
- Interpersonal Communication (verbal skills)
- Psychology
- Human Anatomy & Physiology
- General Chemistry 8 SH
- Organic Chemistry 8 SH
- Physics 6 SH
- Biology 8 SH
- * PCAT (standardized test for admission)

Requirements may vary for schools

Requirements for Optometry School

- Statistics
- Biology 8 SH
- Chemistry 8 SH
- Organic chemistry 8 SH
- Physics 8 SH
- Calculus
- Microbiology
- Psychology
- * OAT (standardized test for admission)

Requirements may vary for schools

Requirements for Nursing

- Human Anatomy 4 SH
 - Human Physiology 4 SH
 - Chemistry 8 SH
 - Statistics
 - Microbiology
 - Psychology
- * GRE may be required for admission

Requirements may vary for schools

Requirements for Allied Health



- Human Anatomy & Physiology
- Biology
- General Chemistry
- Microbiology
- Statistics
- Psychology

Requirements vary for individual Allied Health programs

2010 Admission Stats

- Nationally 42,742 applied to Medical School
19,641 were accepted
46 percent acceptance rate
- Nationally 12,001 applied to Dental Schools
4947 were accepted
41 percent acceptance rate

Who Gets In???

- Clinical professional programs are highly competitive
- Residency may be a consideration
- Exposure to Clinical Settings and the profession is required prior to admission
- 3.5 GPA or above
- Average or above test scores
- A proven commitment to service (Volunteer)
- Student organizations and leadership experience
- Certifications: EMT, C.N.A., Patient Care Tech, SCRIBE
- Good communication and problem solving skills
- Ability to multi-task
- A proven level of professionalism and personal integrity

CofC Accepts for 2012

- Medical University of South Carolina
- University of South Carolina
(Greenville & Columbia)
- Ohio State University
- Georgetown
- Harvard
- UNC Chapel Hill
- Albert Einstein

First Year Timetable

- Explore various majors and declare; layout your academic plan; meet with all of your advisors (Lightsey, Pre-professional and academic major)
- Focus on GPA
- Spring semester-meet with advisors and monitor your progress
- Summer: Shadowing/Volunteer Work

Things to Remember

- If you have questions, make sure to get the answers – This is your future
- If you're struggling for any reason, seek help quickly. Waiting seldom helps
- Professors, Advisors, Center for Student Learning

Things to do in your spare time

- Talk to practitioners in your chosen field

Visit the following websites:

www.explorehealthcareers.org

www.aamc.org/careersinmedicine

www.aspiring.docs

www.adea.org

www.godental

Pre-Professional Health Advising

Karen Eippert

Director of Pre-professional Health Advising

School of Science and Mathematics

202 Calhoun St., Room 132

Phone: (843) 953-6460

Email: eippertk@cofc.edu

Pre-professional website:

www.cofc.edu/healthprof