

## Pre-Medical

It should be emphasized that “Pre-Medical” is NOT a major. It simply means that the student is meeting requirements for transferring. Academic requirements for transferring vary by institution. To be eligible for transferring, you are advised to complete the following courses.

Enrollment Abbreviation	Course Name	Hours	Completed
ENGL 1113	Freshman Composition I	3	<input type="checkbox"/>
ENGL 1213	Freshman Composition II	3	<input type="checkbox"/>
PHYS 1115	General Physics I	5	<input type="checkbox"/>
PHYS 1215	General Physics II	5	<input type="checkbox"/>
BIOL 1013 (Lecture) BIOL 1011 (Lab)	Introductory Biology I	4	<input type="checkbox"/>
CHEM 1123 (Lecture) CHEM 1131 (Lab)	General Chemistry I	4	<input type="checkbox"/>
CHEM 1223 (Lecture) CHEM 1231 (Lab)	General Chemistry II	4	<input type="checkbox"/>
CHEM 3123 (Lecture) CHEM 3132 (Lab)	Organic Chemistry I	5	<input type="checkbox"/>
CHEM 3223 (Lecture) CHEM 3232 (Lab)	Organic Chemistry II	5	<input type="checkbox"/>
<b>Additional Course Requirements</b>			
OSUCHS	BIOL 1013 Introductory Biology II Lecture and BIOL 1021 Introductory Biology II Lab	12	
	BIOL 3224 Microbiology BIOL 3114 Genetics	3	<input type="checkbox"/>
	MATH 3513 Statistical Methods		<input type="checkbox"/>
	BIOL 3124 Cell Biology or BIOL 3124 Molecular Biology or CHEM 4124 Biochemistry	3 or 4	<input type="checkbox"/>
	BIOL 2154 Human Anatomy or BIOL 4514 Human Physiology or BIOL 4354 Immunology or BIOL 4133 Virology	3 or 4	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
OUHSC	BIOL 3124 Cell Biology or BIOL 3124 Molecular Biology	3 or 4	<input type="checkbox"/>
	CHEM 4214 Biochemistry		<input type="checkbox"/>
	Three classes of Psychology, Sociology, Philosophy, or Humanities (any combination)	4	<input type="checkbox"/>
		9	

**For additional information contact  
Pre Professional Health Advising**

Dr. Hector Gonzalez  
 SC 156 or BASC 130  
 (TQ) 918-444-3819 or (BA) 918-449-3819  
[gonzaleh@nsuok.edu](mailto:gonzaleh@nsuok.edu)

## ADDITIONAL INFORMATION

### CREDIT HOURS AND GRADE POINT AVERAGE (GPA)

Applicant to the OSUHSC College of Medicine must complete a minimum of 90 semester hours from an accredited college or university, earning a minimum grade point average of 3.0 (A = 4.0), and a minimum grade of C in each pre-requisite course. Students accepted to medical school without completing a bachelor's degree (but have completed a minimum of 90 semester hours) may be eligible to receive a degree from NSU after successful completion of the first year of medical school. This is an option requiring careful supervision by the Pre-Medical advisor. However, most students enter medical school after completion of a bachelor degree. The average GPA for those accepted to medical school in Oklahoma is approximately 3.60 – 3.70 on a 4.0 scale.

### MEDICAL COLLEGE ADMISSION (MCAT)

All medical school applicants are required to take the Medical College Admission Test. This test is offered several times throughout the year. Students should plan to take the MCAT in the spring of their Junior year in college, the same semester that they will be completing the pre-requisites. For more information go to <http://www.aamc.org/students/amcas/>. A minimum MCAT average score of 7 is required to apply to medical school, however the average MCAT score for those accepted to medical school in Oklahoma is approximately 9-10 on a scale of 1-15.

### CHOOSING A MAJOR

“Pre-Medical” is not a major. There is no recommended major for pre-medical students. Students should select a major in a discipline that will offer satisfying challenges and provide a viable alternative to medical school if they are not admitted. The student should be working toward a baccalaureate degree in their discipline of choice while they are completing the pre-requisites for medical school.

### CHALLENGING CURRICULUM

Medical schools encourage a broad general curriculum in the social sciences and humanities. A high level of competence in the physical and biological sciences, as well as good communication skills is also important. Pre-medical students should sequence their courses to demonstrate a capacity to handle the rigors of medical school. Most pre-medical students take from 15-18 hours each semester that includes at least 2 life science courses each semester. If a student chooses a lighter load of courses it will be apparent to the medical programs that the student is protecting their GPA.

### ADVISING

When students are ready to declare a major, they are assigned to the appropriate departmental advisor. Students should also visit regularly with the pre-health advisor since this person will likely be responsible for writing a recommendation letter for you.

### SHADOWING/VOLUNTEERING EXPERIENCE

It is imperative that pre-medical students obtain direct exposure to the world of medicine by shadowing/observing physicians, working or volunteering in hospitals or nursing homes, visiting medical schools, and keeping informed of new developments in medical education and medical practice and current events in general. There is no minimum required hours of shadowing or volunteering required by the medical programs; however, the more hours (>50 hours) a student spends learning about the profession the more they will be able to demonstrate their knowledge and commitment to the profession.

### PRE-PROFESSIONAL HEALTH CLUB (PPHC)

Professionals in various health careers present information regarding their area of expertise at the bi-monthly meetings. As an academic club, PPHC provides a student senate representative to obtain information pertinent to the club. PPHC also participates in on campus activities such as the Big Event, the Small Event, Halloween Carnival and the semi-annual PPHC Health Career Fair. Networking with other students in the same field and with professionals is a major focus of PPHC.

### MOCK INTERVIEWS

Students may register to interview with the pre-medical faculty committee for a mock interview which can lead to a recommendation letter from the committee for medical school. Please contact the pre-health advisor for more information.

For more information from Oklahoma State University Center for Health Sciences, contact:  
OSU Center for Health Sciences Admissions and Student Recruitment  
1111 West 17th St., Tulsa, OK 74107  
Phone: 918-561-8427  
Email: [angie.bruce@okstate.edu](mailto:angie.bruce@okstate.edu)

For more information from Oklahoma College of Medicine, contact:  
Dotty Killam and Brent Ross  
Admissions, University of Oklahoma College of Medicine  
P.O. Box 26901  
BSEB 241  
Oklahoma City, OK 73126  
Phone: 405-271-2331  
Email: [adminmed@ouhsc.edu](mailto:adminmed@ouhsc.edu)