

## Pre-Dentistry

University of Illinois offers the opportunity for students to declare an educational goal of Pre-Dentistry. This can be done at the time of application or can be declared after enrollment at the University of Illinois. It is important to note that these programs are not majors offered at the University of Illinois. Instead, students will have access to specific advisors to help prepare for their post undergraduate goals, while completing all necessary coursework in their intended major. Applicants interested in a pre-professional program should plan on completing the coursework listed in the following pages. However, admission will be based on the applicant's intended major.

### **Pre-professional Requirements for Dentistry**

Dentistry is a career requiring a professional degree. Students are required to complete certain undergraduate prerequisite courses in order to be eligible to apply to dental school. It is essential for students to research and know the requirements for admission to each of the dental schools to which they apply. These requirements are listed in the Official Guide to Dental Schools, published by the American Dental Education Association (ADEA). This resource can be viewed at The Career Center. Additional information about preparation for dental school can be found at [www.adea.org](http://www.adea.org).

### **Pre-Health Advising at The Career Center**

Admission into dental school is highly competitive. The Career Center provides pre-professional advising for students who are interested in pursuing dentistry as a career. This includes discussion of prerequisites and expectations of dental schools, preparation in and outside the classroom, details of the application process, and characteristics of competitive applicants. The Center also coordinates the visits of deans and admissions officers to the campus to provide information about various health professions. Visit The Career Center online at [www.careercenter.illinois.edu](http://www.careercenter.illinois.edu).

### **Academic Advising**

Since students who are interested in the health professions are expected to enter degree programs of their choice, their academic advising is provided by the departmental offices of the curricula or majors that they have selected. Academic Advisors can assist students in making sure they are making appropriate progress towards completing their degrees at the University of Illinois.

**Completing some of the following courses prior to transferring to the University of Illinois may be helpful.**

PHYS 101, College Physics: Mech & Heat  
PHYS 102, College Physics: E&M & Modern  
PSYC 100, Intro Psych  
**or** SOC 100, Introduction to Sociology

Completion of biology and chemistry prerequisite courses prior to transfer is acceptable as long as additional courses in one or both disciplines are completed at the University of Illinois.

**The following information represents the MINIMUM course requirements to prepare for dental school.**

**Some Colleges of Dentistry may require additional coursework and/or expect students to go beyond minimum preparation. AP and Proficiency credits are not always accepted by medical schools to fulfill prerequisite requirements.**

*Students are strongly encouraged to research specific dental schools of interest!*

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**CONTACT INFORMATION:** The Career Center, 715 South Wright Street, Champaign, IL 61820;  
Phone: 217/333-0820 or [www.careercenter.illinois.edu](http://www.careercenter.illinois.edu)

**One Year of Biology with Labs:** A minimum of two biology lectures and two biology labs is required. More than one year of biology coursework is necessary to adequately prepare for the Dental Admission Test (DAT) and for dental school curricula.

**General Biology**

MCB 150, Molecular and Cellular Basis of Life/MCB 151\*, Molecular and Cellular Lab  
IB 150, Organismal & Evolutionary Biology/IB 151\*, Organismal & Evolutionary Biology Lab

\*MCB and IB majors do NOT take MCB 151 or IB 151. Pre-health students in any major who choose to take upper level labs do not need to take MCB 151 and/or IB 151.

**Anatomy & Physiology (2 lectures strongly recommended)**

MCB 244, Human Anatomy & Physiology I/MCB 245, Human Anatomy & Physiology I Lab  
MCB 246, Human Anatomy & Physiology II/MCB 247, Human Anatomy & Physiology II Lab

**Genetics (one lecture recommended)**

MCB 250, Molecular Genetics/MCB 251, Exper. Techniques in Molecular Bio Lab  
IB 204, Genetics (4 hour option includes lab)

**One Year of General/Inorganic Chemistry with Lab:** Two chemistry lectures and two chemistry labs are required.

CHEM 102, General Chemistry/CHEM 103, General Chemistry Lab I  
CHEM 104, General Chemistry II/ HEM 105, General Chemistry Lab II

**NOTE:** CHEM 202/203 may substitute for CHEM 102/103 and CHEM 204/205 may be substituted for CHEM 104/105.

**One Year of Organic Chemistry with Lab:** Two organic chemistry lectures and at least one organic chemistry lab are required—please refer to the additional notes below.

CHEM 232, Elementary Organic Chemistry I/CHEM 233,-Elementary Organic Chemistry I Lab  
CHEM 332\*, Elementary Organic Chemistry II/CHEM 437\*\*,Organic Chemistry II Lab

\*Some dental schools will substitute Biochemistry lecture for the second semester of organic chemistry. See below for Biochemistry courses.

\*\*Some dental schools may require a second laboratory in organic chemistry.

**NOTE:** CHEM 236/237 may substitute for CHEM 232/233 and CHEM 436 may substitute for CHEM 332.

**One Year of Physics with Lab**

PHY 101, College Physics: Mechanics & Heat (5 hrs-includes lab)  
PHY 102, College Physics: E & M and Modern (5 hrs-includes lab)

**NOTE:** PHY 211 may substitute for PHY 101 and PHY 212 may substitute for PHY 102.

**One Year of English Composition**

Composition I (General Education Requirement)

## Pre-Law Advising Services

University of Illinois offers the opportunity for students to declare an educational goal of Pre-Law. Students will have access to specific advisors to help prepare for their post undergraduate goals, while completing all necessary coursework in their intended major.

Law school is a three-year graduate program. A baccalaureate degree from an approved undergraduate college and a satisfactory score on the Law School Admission Test (LSAT) are required for admission to colleges of law. In general, applications for admission will be evaluated by giving significant, and in many cases, controlling weight to the applicant's undergraduate grade-point average and score on the LSAT. Other considerations include work experience, leadership positions, and community service.

**Pre-law is not a major concentration or a minor** and therefore, has no programmatic prerequisite coursework. Because prior education in diverse fields is valuable to the law student and to the lawyer, there are no specifically required courses for pre-legal study. However, the American Bar Association recommends that all pre-law students **develop strong reading, writing, analytical, and oral communication skills**. Regardless of major, students should seek out coursework that continues to help them develop these skills.

**Please refer to the recommended GPA and program requirements listed for the program of study the prospective student intends to pursue.** Perhaps the most concise, yet complete, discussion of the coursework and skills to be taken and developed is contained in the Official Guide to U.S. Law Schools, published by the Law School Admission Council. The Official Guide to U.S. Law Schools is available online at <http://officialguide.lsac.org>. Additional contact information is listed at the bottom of this page.

Visit the **Pre-Law Advising Services** webpage for more information and for access to our Pre-Law Handbook, at: [www.prelaw.illinois.edu](http://www.prelaw.illinois.edu).

Pre-Law Advising Services is located at the Campus Center for Advising and Academic Services (CCAAS) and is available to University of Illinois undergraduate students in all colleges and across all majors.

**CONTACT INFORMATION:** Jamie Thomas-Ward, Director, Pre-Law Advising Services, University of Illinois, Campus Center for Advising and Academic Services, 5<sup>th</sup> Floor, 807 S. Wright Street, Champaign, IL; Phone: 217/333-9669; FAX: 217/244-4851

## Pre-Medicine

University of Illinois offers the opportunity for students to declare an educational goal of Pre-Medicine. This can be done at the time of application or can be declared after enrollment at the University of Illinois. It is important to note that these programs are not majors offered at the University of Illinois. Instead, students will have access to specific advisors to help prepare for their post undergraduate goals, while completing all necessary coursework in their intended major. Applicants interested in a pre-professional program should plan on completing the coursework listed in the following pages. However, admission will be based on the applicant's intended major.

### **Pre-professional Requirements for Medicine**

Medicine is a career requiring a professional degree. Students are required to complete certain undergraduate prerequisite courses in order to be eligible to apply to medical school. It is essential for students to research and know the requirements for admission to each of the medical schools to which they apply. These requirements are listed in the Medical School Admissions Requirements (MSAR) book, published by the Association of American Medical Colleges (AAMC) and the Osteopathic Medical College Information Book (CIB), published by the American Association of Colleges of Osteopathic Medicine (AACOM). Both resources can be viewed at The Career Center. Additional information about preparation for medical school can be found at [www.aamc.org](http://www.aamc.org) and [www.aacom.org](http://www.aacom.org).

### **Pre-Health Advising at The Career Center**

Admission into medical school is highly competitive. The Career Center provides pre-professional advising for students who are interested in pursuing medicine as a career. This includes discussion of prerequisites and expectations of medical schools, preparation in and outside the classroom, details of the application process, and characteristics of competitive applicants. The Center also coordinates the visits of deans and admissions officers to the campus to provide information about various health professions. Visit The Career Center online at [www.careercenter.illinois.edu](http://www.careercenter.illinois.edu).

### **Academic Advising**

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**Completing some of the following courses prior to transferring to the University of Illinois may be helpful.**

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PHYS 102, College Physics: E&M & Modern  
PSYC 100, Intro Psych  
**or** SOC 100, Introduction to Sociology  
RHET 105, Principles of Composition

Completion of biology and chemistry prerequisite courses prior to transfer is acceptable as long as additional courses in one or both disciplines are completed at the University of Illinois.

**The following information represents the MINIMUM course requirements to prepare for medical school.**

**Some medical schools may require additional coursework and/or expect students to go beyond minimum preparation. AP and Proficiency credits are not always accepted by medical schools to fulfill prerequisite requirements.**

*Students are strongly encouraged to research specific medical schools of interest!*

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**General Biology**

MCB 150, Molecular and Cellular Basis of Life/MCB 151\*, Molecular and Cellular Lab  
IB 150, Organismal & Evolutionary Biology/IB 151\*, Organismal & Evolutionary Biology Lab

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PHY 101, College Physics: Mechanics & Heat (5 hrs-includes lab)  
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**NOTE:** PHY 211 may substitute for PHY 101 and PHY 212 may substitute for PHY 102.

**One Year of English Composition**

Composition I (General Education Requirement)