

# Pre-Professional Programs

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## Pre-Law Minor (LAW)

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The interdisciplinary minor in Pre-Law consists of 19 credit hours offered through several departments and programs throughout the university. The minor will consist of a two-semester prerequisite class called "Introduction to Law I and II" (PS 1182/1192), as well as the requirement that a student take PHI 1113 Introduction to Logic, and a Constitutional Law class (PS 3063, 3073, or AAS 3043/PS 3043) or Principles of Legal Writing (EN 4223). At least 9 of the 19 hours must be at the 3000 or 4000 level.

The Pre-Law minor is designed to be a curriculum that is consistent with the best practice in preparing undergraduates for the study of law. It has an interdisciplinary focus, creates a practicum like common experience, and focuses on analytic skill development. It will assist students in determining whether they desire to attend law school and will provide exposure to what they will encounter should they decide to attend law school.

Students interested in careers in law are encouraged to speak with Whit Waide, Pre-Law advisor. The Pre-Law advisor will provide guidance on the law school admissions test (LSAT), law school application process, and on selecting the best law school for you. For additional information contact Mr. Waide at wwaide@pspa.msstate.edu.

## Pre-Medical and Pre-Dental Concentration (MED) (DENT)

Major Advisors: Mary Celeste Reese; Office: 117 Harned Hall  
Undergraduate Coordinator: Deb Mlsna, 1115 Hand Lab  
Professor Kenneth Willeford; Office: 445 Dorman Hall

Preference is given to persons who have completed four years of study, majored in a specific discipline, and earned a bachelor's degree. The curriculum for admission to most professional schools includes one academic year each of English, biological science, inorganic chemistry, organic chemistry, mathematics, physics and advanced science. The Pre-Medical advisors can provide detailed information about requirements of various schools.

## Pre-Nursing Concentration (BION)

Major Advisor: Mary Celeste Reese  
Office: 117 Harned Hall

UMC and MUW have slightly different admission requirements, so course selection will vary during the sophomore year depending upon which professional school the student plans to attend. Students should consult the advisor for details. A minimum grade of C and a minimum composite score of 21 on the ACT is required for admission. Application for professional school is normally made during the fall preceding the year admission is desired. Consult your advisor for developing an appropriate schedule of classes.

## Pre-Optometry Concentration (BIOO)

Major Advisor: Mary Celeste Reese  
Office: 117 Harned Hall

Requirements for admission to the various optometry schools differ. Students should check the specific requirements of the professional schools to which they plan to apply. Pre-Optometry students should plan to take the Optometry College Admission Test (OAT) during the sophomore or junior year. Consult your advisor for developing an appropriate schedule of classes.

## Pre-Pharmacy Requirements (CHPH)

Major Advisors: Undergraduate Coordinator Deb Mlsna  
Dr. Sean Stokes and Dr. Todd Mlsna  
Office: 1115 Hand Lab

The pre-pharmacy program is intended for students who wish to attend the School of Pharmacy at the University of Mississippi. No degree will be granted from Mississippi State University, and there are thus no university or college requirements. The courses listed below will satisfy the requirements for the School of Pharmacy at the University of Mississippi. Most pharmacy schools have similar requirements. However, students who wish to attend other pharmacy schools should check the specific requirements for that school.

### Required Courses

CH 1213	Chemistry I	3
CH 1211	Investigations in Chemistry I	1

CH 1223	Chemistry II	3
CH 1221	Investigations in Chemistry II	1
CH 4513	Organic Chemistry I	3
CH 4511	Organic Chemistry Laboratory I	1
CH 4523	Organic Chemistry II	3
CH 4521	Organic Chemistry Laboratory II	1
BCH 4603	General Biochemistry I	3
BIO 1134	Biology I	4
BIO 1144	Biology II	4
BIO 3014	Human Physiology	4
BIO 3304	General Microbiology	4
BIO 4405	Pathogenic Microbiology	5
BIO 3103	Genetics I	3
or BIO 4133	Human Genetics	
PHI 3323	Medical Ethics	3
EN 1103	English Composition I	3
EN 1113	English Composition II	3
ST 2113	Introduction to Statistics	3
MA 1713	Calculus I	3
PH 1113	General Physics I	3
CO 1003	Fundamentals of Public Speaking	3
EC 2123	Principles of Microeconomics	3

**Electives**

Social and Behavioral Science Electives <sup>1</sup>	6
Humanities and Fine Arts Electives <sup>2</sup>	9

**General Electives**

To bring the total number of credit hours up to 92

<sup>1</sup> At MSU EC 2113 Principles of Macroeconomics is a pre-requisite for the required course EC 2123 (see above), and EC 2113 will count as one social science elective. In addition to EC 2113 one course from either Psychology, Sociology, Political Science, or Anthropology is required.

<sup>2</sup> At least 3 credit hours required in each of the two main areas.  
Humanities Electives should be chosen from the areas: English Literature, Foreign Language, History, Religion or Philosophy.