

# PREPARATORY COURSES OF STUDY

Preparatory courses of study are non-major programs offering supervised and independent studies to prepare students for specialty educational institutions.

## PRE-LAW (non-major)

### Pre-Law Advisors

Joice Chang, *Politics*  
Lynnette Chen, *Philosophy*  
Martin Flashman, *Mathematics*  
Marlon Sherman, *Native American Studies*

### The Program

Pre-law is not a specific course of study in a particular discipline. **There is no established major or specific course of studies for pre-law preparation.** Many different routes exist for preparing for the study of law. Various legal professional organizations, such as the American Bar Association and the Association of American Law Schools,

emphasize that success in legal education comes from a background that has developed the essential skills of **strong analytic thinking**, including the ability to analyze arguments and situations with sound reasoning, and the ability to **communicate well, both orally and in writing.**

Any number of possible majors and minors, along with elective courses, can be combined in preparation for the study of law. The best plan is to choose a major that interests you, and choose as many challenging courses from other areas as possible that support your development as noted above. Perhaps the best way to prepare for law school at

Humboldt is to take challenging courses. This will train your mind to perform well within the rigors of law school studies and later as a member of the legal profession.

Pre-law students should remain in close contact with one of the pre-law advisors.

Humboldt's Career Center has information on admission to law schools and the Law School Admission Test (LSAT).

More information is available through the Pre-Law Advising website at: [www.humboldt.edu/prelaw](http://www.humboldt.edu/prelaw).



## PRE-PROFESSIONAL HEALTH (non-major)

### Pre-Dental Advisor

John Reiss, [jor1@humboldt.edu](mailto:jor1@humboldt.edu)

### Pre-Medical Advisor

Jacob Varkey, [jpv1@humboldt.edu](mailto:jpv1@humboldt.edu)

### Pre-Optometry Advisor

Jacob Varkey, [jpv1@humboldt.edu](mailto:jpv1@humboldt.edu)

### Pre-Pharmacy Advisors

Jacob Varkey, [jpv1@humboldt.edu](mailto:jpv1@humboldt.edu)  
Jeff Schineller, [jbs4@humboldt.edu](mailto:jbs4@humboldt.edu)

### Pre-Physical Therapy

Sheila Alicea, [skk41@humboldt.edu](mailto:skk41@humboldt.edu)  
(see Kinesiology major)

### Pre-Veterinary Advisors

Sharyn Marks, [sbm1@humboldt.edu](mailto:sbm1@humboldt.edu)  
Bruce O'Gara, [bao3@humboldt.edu](mailto:bao3@humboldt.edu)

### College of Natural Resources & Sciences

Steve Smith, Ph.D., Dean

### Biological Sciences

Science Complex B 221  
707-826-3245  
[www.humboldt.edu/biosci](http://www.humboldt.edu/biosci)

Humboldt's Career Center has information on requirements at medical and other professional schools.

### The Program

Several of Humboldt's undergraduate programs in the biological and physical sciences prepare students to meet admissions requirements for health science professional schools. Usually these schools require a broad education in biological and physical sciences, which Humboldt provides.

Humboldt offers both supervised and independent studies to prepare for professional schools.

### Requirements

Requirements listed here are typical for health science and related professional schools. Contact individual professional schools for specific requirements and consult pre-professional advisors.

- **General education** courses and other requirements for the major. (To demonstrate a well rounded background, the HIST 104-HIST 105 sequence is recommended.)
- **Biology:** BIOL 105, BIOL 340; ZOOL 110, ZOOL 310.

- **Chemistry:** CHEM 109, CHEM 110; CHEM 321, CHEM 322. Some schools may require CHEM 438 or the CHEM 431-CHEM 432 series. Start the CHEM 109-CHEM 110 sequence as soon as possible.
- **Mathematics:** MATH 109, MATH 110 (or MATH 105, MATH 205 for pre-medical students). The amount of calculus required by professional schools varies, but a full year is highly recommended. Start the mathematics sequence in the freshman year, because physics and chemistry courses have mathematics prerequisites. Pre-veterinary students should take STAT 109.
- **Physics:** PHYX 106, PHYX 107 sequence or PHYX 109, PHYX 110, PHYX 111.
- **Zoology:** ZOOL 270 is strongly recommended for pre-medical students.
- Other courses may be required to prepare adequately for appropriate aptitude examinations.

Pre-professional students should remain in close contact with their pre-professional advisors.

