

# PRE-PROFESSIONAL HEALTH PROGRAMS (non-major)

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## **Pre-Dental**

Advisor: John Reiss, jor1@humboldt.edu

## **Pre-Medical**

Advisor: Jacob Varkey, jpv1@humboldt.edu

## **Pre-Optometry**

Advisor: Jacob Varkey, jpv1@humboldt.edu

## **Pre-Pharmacy**

Advisors: Jacob Varkey, jpv1@humboldt.edu  
Jeff Schineller, jbs4@humboldt.edu

## **Pre-Physical Therapy**

(see Kinesiology major)

## **Pre-Veterinary**

Advisors:  
Sharyn Marks, sbm1@humboldt.edu  
Bruce O'Gara, bao3@humboldt.edu

## **College of Natural Resources & Sciences**

James Howard, Ph.D., Dean

### **Biological Sciences**

Science Complex B 221  
707-826-3245

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 preprofessional advisors.

- **General education** courses and other requirements for the major. (To demonstrate a well rounded background, the HIST 104-105 sequence is recommended.)
- **Biology:** BIOL 105, BIOL340; ZOO 110, ZOO 310.
- **Chemistry:** CHEM 109, 110; 321-322. Some schools may require CHEM 438 or the 431-432 series. Start the CHEM 109-110 sequence as soon as possible.
- **Mathematics:** MATH 109, 110 (or MATH 105, 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. Preveterinary students should take BIOM 109.
- **Physics:** PHYX 106-107 sequence or PHYX 109, 110, 111.
- **Zoology:** ZOO 270 is strongly recommended for pre-medical students.
- Other courses may be required to prepare adequately for appropriate aptitude examinations.

Preprofessional students should remain in close contact with their preprofessional advisors.

