

Pre-professional Studies

Division of Science and Mathematics

- **Minor: 42 credit hours**
- **Minor GPA required for graduation: 2.5**

Description of Minor: Students will take a variety of courses in biology, chemistry, physics, and mathematics. The curriculum is designed to cover content areas that are not only required for admission to post-baccalaureate programs, but also are known to be included in a variety of standardized exams such as the GRE, MCAT, DAT, and VCAT.

Note: Students not planning on majoring in biology or chemistry, but still wishing to apply to a professional program after graduation, should consult Dr. Robb Van Putte or Dr. Vincent Dunlap.

Specific requirements of the desired graduate or professional program should be considered when selecting courses.

Student Learning Outcomes

Students will:

- Develop and execute a well-rounded plan that prepares them for graduate study.
- Develop the skills needed for career development in the sciences.
- Demonstrate successful problem-solving through the use of scientific reasoning, critical thinking, analysis, and synthesis of information.

Preparation: The pre-professional minor serves students who wish to pursue a post-baccalaureate degree in areas such as medicine, optometry, dentistry, pharmacy, physical therapy, physician's assistant, podiatry, chiropractic, and veterinary medicine.

PRE-PROFESSIONAL STUDIES		
MINOR REQUIREMENTS		42 crs.
BIO 110	PRINCIPLES OF CELLULAR AND MOLECULAR BIOLOGY	5
BIO 111	PRINCIPLES OF ORGANISMAL AND POPULATION BIOLOGY	5
CHE 105	GENERAL CHEMISTRY I	4
CHE 106	GENERAL CHEMISTRY II	4
CHE 205	ORGANIC CHEMISTRY I	4
CHE 206	ORGANIC CHEMISTRY II	4
CHE 303	PRINCIPLES OF BIOCHEMISTRY	4
MTH 210	CALCULUS I	4
PHY 211	GENERAL PHYSICS: MECHANIC, HEAT, SOUND	4
PHY 212	GENERAL PHYSICS: ELECTRICITY, MAGNETISM, OPTICS	4