

## 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 need 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)

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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 I	(4)
PHY 212	GENERAL PHYSICS II	(4)

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