

PRE-MEDICAL PROFESSIONAL MINOR

The Pre-Medical Professional Minor is recommended for students planning a career in medicine, dentistry, veterinary medicine, or pharmacy school. Coupled with a Chemistry, Bachelor of Science degree, this Minor is designed to meet basic entrance requirements as well as provide optimum preparation for pre-entrance aptitude examinations (MCAT or DAT or GRE). This also satisfies requirements for graduate study in related fields of chemical and biological integration, e.g., medicinal chemistry, pharmacology, etc.

Required Courses

BIOL 310	FUNDAMENTALS OF GENETICS	5
BIOL 371	PRE-MEDICAL, DENTAL, VETERINARY AND PHARMACY PREPARATION	1
or CHEM 361	PRE-MEDICAL, DENTAL, VETERINARY AND PHARMACY PREPARATION	
CHEM 480	BIOCHEMISTRY	5
CHEM 481	INTERMEDIARY METABOLISM	5
CHEM 482	INTEGRATED TOPICS IN BIOCHEMISTRY AND BIOPHYSICS	3
CHEM 483	BIOCHEMISTRY LABORATORY 1	2
PHIL 445	BIOMEDICAL ETHICS	5
Electives—choose one 300-level PSYC course		4-5

Total Credits	30-31
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Students who earn a Pre-Medical Professional Minor from EWU should be able to:

- demonstrate understanding of core concepts in chemistry;
- use modern instrumentation and techniques to analyze chemicals;
- demonstrate effective communication skills as related to the field of biochemistry;
- demonstrate knowledge of safe practices in handling chemicals;
- demonstrate skills in biochemistry problem solving in preparation for graduate studies or professional employment.