



PREMEDICAL EDUCATION REQUIRED COURSEWORK

NSHE Board of Regents
 Health Sciences Committee

March 3, 2017

Through its requirements for admission, a medical school encourages potential applicants to the medical education program to acquire a broad undergraduate education including the study of the humanities, natural sciences, and social sciences, and confines its specific premedical course requirements to those deemed essential preparation for successful completion of its medical curriculum.

The following course work is required as a prerequisite for admission to UNR Med:
<http://med.unr.edu/admissions/admissions-information/applicants/selection-factors/course-requirements>

Course	Credits Required (semester hours)	Additional Requirements
Biology	15	2 credit hours for labs 6 credit hours of upper division
Inorganic Chemistry	8	2 credit hours for labs
Organic Chemistry	8	2 credit hours for labs
Physics	8	2 credit hours for labs
Psychology/Abnormal Psychology	3	
Biochemistry	3	
A demonstrated competency in English composition and expression. Generally, students satisfy this requirement when completing the English composition requirements of their undergraduate institution.		

Supplemental courses strongly recommended, but not required for admission include:

- Microbiology
- Genetics
- Calculus
- Statistics
- Immunology
- A solid base in the humanities and social sciences, which may include courses in a wide range of subjects such as history, literature, philosophy, ethics, or computer science.

The Admissions Executive Committee reviews the prerequisites each year prior to applicant review, as well as information describing academic and non-academic performance of the students. This information includes:

- Block and clerkship grades
- Remediation events
- Professionalism or other behavioral issues
- USMLE performance
- Residency match rates
- Retention information

Current course requirements were established in 2010 in anticipation of implementation of an integrated curriculum in 2012. The Admissions Executive Committee agreed in 2014 not to make any additional changes until the first cohort of students experiencing the integrated curriculum completed medical school in 2016. A review of current course requirements is now underway.

The current premedical course requirements were established under the following process:

- The School of Medicine surveyed Course Directors regarding coursework they felt necessary for medical school admissions.
- This list, along with a review of the AAMC guidelines for suggested coursework and a survey of other western medical schools, was used to devise a list of premedical requirements.
- The Admissions Executive Committee approved the recommended courses.
- Recommendations were approved by the UNR Provost.

The proposed process for 2017 implementation of revised prerequisites includes:

- Survey the Block Directors, Clerkship Directors (or all teaching faculty) and students regarding their perception of the usefulness of the current prerequisites in preparing students for medical school.
- In this survey, include the option to list additional coursework that would be useful.
- Medical Education Steering Committee (MESC) to review the data and make recommendations to the Admissions Executive Committee.
- The Admissions Executive Committee to review the MESC recommendations and provide final approval of any changes.
- Changes in prerequisites will be presented before the UNR Courses & Curriculum Committee for ratification.