The University of Wisconsin – River Falls has an array of science coursework for students considering a Pre-Medical track. Students work closely with engaged, experienced faculty and have access to modern facilities and hands-on learning.

To meet medical school course requirements and prepare for the Medical College Admission Test (MCAT) it is suggested that you follow a curriculum similar to that outlined below:

**Freshman Year**
- Chemistry 121, 122 (General Chemistry I and II and Lab I and II)
- English 100, 200 (Freshman English)
- Math 146, 147 (College Algebra and College Algebra and Trig)
- Biology 150 (General Biology) and, if possible, Biology 230 (General Zoology)
- Work on General Education requirements.

**Sophomore Year**
- Chemistry 231, 232, 236, 237 (Organic Chemistry I and II and Lab I and II)
- Physics 151, 152, 156, 157 (General Physics and Lab)

**Junior Year**
- Chemistry 361 (Biochemistry I)
- Biology 341, 342 (Human Anatomy and Physiology I and II), Biology 350 (Genetics and Evolution), and Biology 324 (Microbiology)
- Math 166 (Calculus I); more calculus may be taken but one semester is the minimum
- Continue General Education requirements and work on Liberal Arts electives.

**Senior Year**
- Complete college and major/minor requirements.
- Complete and send AMCAS application (Be sure to check for the specific application deadline for the school to which you are applying.)

The following courses are highly recommended:
- Biology 353 (Animal Histology)
- Chemistry 362 (Biochemistry II)
- The following courses are recommended:
  - Chemistry 251, 256 (Analytical Chemistry and Lab)
  - Chemistry 340 (Physical Chemistry of Biological Systems)

Prepare to take the MCAT during spring (April) of the Junior year or, alternatively, during summer (August) between the Junior and Senior year. See details below.

Field Experience
Pre-Medical students work closely with Pre-Health advisors to gain hands-on learning experience. UWRF students have the opportunity to participate in field experiences at world-class medical facilities, such as the Mayo Clinic in Rochester, Minnesota.

Summer Scholars
Up to ten UWRF students are selected for the Summer Scholars program. Students receive a stipend to complete research on a project of their choice. During this time, students devote full-time effort into their project and faculty mentors are consistently available for consultation and collaboration.

Tissue and Cellular Innovation Center
Founded in 2001 by Dr. Timothy Lyden, the center originally focused on normal placental cell biology. It has been selected as the primary biological center in the state of Wisconsin. Current examples of research at the center include:
- Expanding a working “library” of natural extracellular matrix (ECM) materials.
- Development of translational medicine applications of our 3D culture technology in cancer as well as other clinically relevant areas.
- Development of complex composite artificial tissues or ATs based on cell lines, primary fetal stem cells and human embryonic stem cells.

Pre-Medical
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