Biomedical Program-WWAMI (BIOM)

Courses

BIOM A418 Human Gross Anatomy 3 Credits
Provides a fundamental working knowledge of normal human gross anatomy and relates anatomy to clinical relevance. Includes dissection laboratory on cadavers.

Special Note: Instructor approval required for registration.

Registration Restrictions: Instructor approval

BIOM A425 Preparing for the MCAT and Beyond 3 Credits
Introduces students to evidence-based learning practices such as spaced retrieval practice, spaced repetition, interleaving, elaboration, dual-coding, and concrete examples in the context of preparation for the MCAT (Medical College Admission Test), a national standardized exam frequently used in the medical school admissions process to gauge the applicant’s readiness for medical school. The course fee includes a 90-day subscription to the UWorld MCAT question bank.

Special Note: May be completed once for credit. Students are expected to have completed or be concurrently enrolled in the following MCAT-relevant science courses: Cell Biology, Genetics, Physics, Organic Chemistry, and Biochemistry.

Registration Restrictions: Instructor approval

BIOM A432 Preparing a Medical School Application 2 Credits
Focuses on the organization and strategy of presenting oneself throughout all components of the medical school application process. This course will build and refine students' reflective writing and communication skills within the construct of the medical school application.

Registration Restrictions: Instructor approval

BIOM A490 Selected Lecture Topics in Biomedicine 1-3 Credits
Presents detailed coverage of a selected lecture topic in biomedicine.

Special Note: Not available for credit to students who have completed BIOM A690 with the same subtitle. May be repeated for a maximum of 9 credits with change of subtitle.

Registration Restrictions: Junior or senior standing and faculty permission

May Be Stacked With: BIOM A490

BIOM A690 Advanced Selected Topics in Biomedicine 1-3 Credits
Advanced coverage of a selected topic within biomedicine. Students will analyze and evaluate research and clinical data to formulate diagnoses and future avenues of research within biomedicine.

Special Note: Students enrolled in BIOM A690 will be required to complete additional work and at a higher level than students enrolled in BIOM A490 with the same subtitle. Not available for credit to students who have completed BIOM A490 with the same subtitle. May be repeated for a maximum of 9 credits with change of subtitle.

Registration Restrictions: Graduate standing and faculty permission

May Be Stacked With: BIOM A490

BIOM A692 Graduate Seminar 1 Credit
Subjects of relevance covered in biomedical research or molecular medicine through the discussion of primary literature selected from top and medium tier journals, and/or attendance at selected professional seminar series offered in the local hospitals.

Special Note: May be repeated for a maximum of 4 credits.

Registration Restrictions: Graduate standing and faculty permission.

BIOM A698 Directed Research 1-6 Credits
Research in topics related to biomedicine or molecular medicine for graduate students. Area of research to be approved and directed by a faculty member in the WWAMI School of Medical Education.

Special Note: May be repeated for a maximum of 6 credits.

Registration Restrictions: Graduate standing and faculty permission.

May Be Stacked With: BIOM A490

BIOM A618 Clinical Anatomy 4.5 Credits
Provides an overview of clinical human gross anatomy and integrates knowledge of anatomy and health conditions. Emphasizes critical relationships and clinical significance. Facilitates an understanding of how anatomy aids in effective clinical interventions.

Registration Restrictions: Graduate standing and admission to Creighton Occupational Therapy degree program or instructor approval