

# BIOMEDICAL SCIENCE (BIOM)

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**BIOM 700 Anatomy & Cell Biology Seminar 1 Credit Hour(s)**

Faculty and students will present and discuss papers from the literature on a topic in anatomy & cell biology. This course is required to be repeated eight times with different faculty and different topics.

**Offered:** Resident

**BIOM 710 Anatomy & Cell Biology Teaching Practicum 1 Credit Hour(s)**

Advanced students will develop teaching skills through involvement teaching laboratory or lecture courses. Students may assist faculty in undergraduate, masters or medical school courses. This course is required to be successfully repeated six times but only twice for the same practicum.

**Offered:** Resident

**BIOM 750 Research Rotation 1 Credit Hour(s)**

Guided research with a faculty member from the Anatomy & Cell Biology Ph.D. program. Students will learn a variety of experimental techniques and apply them. Students will complete a poster or oral presentation highlighting the results obtained. This course is required to be successfully repeated two - three times with different faculty members.

**Offered:** Resident

**BIOM 889 Dissertation Research 1-10 Credit Hour(s)**

**Prerequisite:** BIOM 750

Students will design and carry out independent research that expands knowledge. May be repeated until successful defense of the dissertation.

**Offered:** Resident

**BIOM 890 Dissertation Defense 1 Credit Hour(s)**

**Prerequisite:** BIOM 889

Students will publicly defend the dissertation research project.

**Offered:** Resident