



**BSC6939:**

**Intro to Grant Writing**

CRN#: \*\*\*\*\*, Section 001, 1 Credit Hour

CAS / Molecular Biosciences

**COURSE DESCRIPTION**

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**I. University Course Description**

This course develops critical and creative scientific thinking and grant writing skills.

**II. Course Purpose**

The objective of this course is to introduce students to the process of preparing an effective research grant proposal. Students will learn the components of a grant application and build writing skills. This course requires active student participation and open discussion during each session.

**III. Course Objectives**

The objective of this course is 2-fold: (i) to challenge the student's assumptions and knowledge base to develop and strengthen critical and creative scientific thinking that will aid in each student's success as a scientist and grant writer, and (ii) to initiate more formalized training for students in effectively and professionally crafting research grant proposals and presentations in preparation for the Qualifying Examination. This course requires active student participation and open discussion during each session.

**IV. Student Learning Outcomes**

This course aims to challenge students in their critical and scientific thinking processes, to improve logic in their arguments, and to open their minds to possibilities that might previously have extended beyond their knowledge base and assumptions. By the end of this course, students are expected to have a clear understanding of the key components of a grant proposal and to have begun to develop grant writing skills that will be utilized in future proposals including their qualifying examination proposal.