



# Research Ethics

## BIOMEDE 6983

**Credit Hours:**

2.00 - 2.00

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**Course Levels:**

Graduate (5000-8000 level)

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**Course Components:**

Lecture

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**Course Description:**

Introduction to professional and ethical issues confronting biomedical research and researchers and approaches to dealing with such issues.

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**Prerequisites and Co-requisites:**

Prereq: Grad standing, or permission of instructor.

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**Course Goals / Objectives:**

- Recognize ethical issues in scientific and research activities
  - Demonstrate a rational approach for dealing with ethical and professional issues
  - Find professional and University resources for addressing ethical issues
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**Course Topics:**

- Fundamentals of science and research, Norms and values, Conduct and Misconduct
  - Professionalism, Confidentiality, Conflict of Interest and Commitment
  - Planning of Experiments, Data Management, Data Ownership, Record Keeping
  - Intellectual Property, Peer Review
  - Mentoring and Professional Relationships
  - Ethical issues involving human subject research, Ethical issues involving animal subject research
  - Contemporary ethical issues involving scientific research
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**Designation:**

Required