COURSE INFORMATION FORM

DISCIPLINE
Life Sciences / Biology

COURSE TITLE
Bioethics

CR. HR 3  LECT HR 3  LAB HR 0  CLIN/INTERN HR 0  CLOCK HR N/A

CATALOG DESCRIPTION
Biological and ethical implications of selected topics in modern biology, such as genetic engineering, human organ transplant, medical procedures prolonging the dying process and experimentation on human beings.

PREREQUISITES
None

EXPECTED STUDENT OUTCOMES IN THE COURSE
Upon completion of this course, the student will be able to:
1. Describe a representative range of ethical problems encountered in contemporary biology and medicine.
2. Analyze the basic biological data or principles underlying specific ethical questions.
3. Identify the ethical issues involved in a given situation.
4. Describe several methods of ethical analysis.
5. Apply an ethical decision-making model to selected case studies.
CLASS-LEVEL ASSESSMENT MEASURES

Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Written objective and essay examinations (1, 2, 3, 4, 5)
2. Participation in class discussion on assigned topics (2, 3, 4 and 5)
3. Group or individual oral presentation demonstrating the use of a particular type of ethical analysis of a case study (3, 4 and 5)
4. Group oral debate defending assigned ethical positions in a given case study (3, 4 and 5)
5. Written case study analysis (5)

PROGRAM-LEVEL OUTCOMES ADDRESSED

Not applicable; elective course

General Education Outcomes

Specify which general education outcomes, if any, are substantially addressed by the course by completing the “Course/Program Assessment Matrix” to show the relationship between course and program outcomes and assessment measures.

Not applicable; elective course

Occupational Program Outcomes

Specify which occupational program outcomes, if any, are substantially addressed by the course by completing the “Course/Program Assessment Matrix” to show the relationship between course and program outcomes to assessment measures.
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. General Concepts
   A. Ethical theories and concepts
   B. Strategies for decision-making

II. Reproductive Issues
   A. *Prenatal diagnosis and counseling
   B. *Contraception and abortion
   C. In vitro fertilization and surrogate motherhood
   D. Cloning
   E. Stem cell research
   F. Genetic engineering

III. Patient/Healthcare Providers Relationships
   A. Informed consent
   B. Confidentiality
   C. Truth telling
   D. *HIV testing

IV. Death and Dying
   A. Definition of death
   B. Advance directives
   C. Withholding/withdrawing treatment
   D. Artificial hydration and nutrition
   E. Physician-assisted suicide

V. Delivery of Healthcare
   A. Allocation of scarce resources
   B. *Gender bias in health care