

**Biology 5310**  
**Ethics in Science Fall 2004**

**General information:**

Instructor: Dr. Thomas Chrzanowski

Office: 243 Life Sciences

Phone: 272.2404

Office Hours: Monday, Wednesday, and Friday 8:00-9:00 am

Textbook: Scientific Integrity-An introductory text with cases. Francis L. Macrina. AMS Press. Washington DC.

Other reading: You are responsible for reading assigned from sources other than your textbook.

Meeting times: The class meets in LS 121 MWF 11:00 am - 11:50 am

**Learning Objectives/Goals:** The goal of this course is to create an awareness of some of the potential ethical / moral situations that may be encountered during a career in science. We will work through 'how to deal with a situation' by considering imaginary (but quite realistic) scenarios of ethical and moral dilemmas.

**Prerequisites:** Bachelors or Masters Degree

**Withdrawal Policy:** You may drop without penalty with a grade of W prior to 2 October.

After 1 October but before 13 November:

If you have completed assignments, you may drop with a W.

If you have not completed assignments, you may drop with an F.

No one will be permitted to drop after 13 November.

If you chose to drop the course, you may no longer attend class meetings.

**Attendance Policy:** With the exceptions of exam dates, you are not required to attend lectures; however, you are responsible for all material covered in lecture including changes to the syllabus.

**Drop for Non-payment of Tuition:** If you are dropped from this class for non-payment of tuition, you may secure an enrollment loan through the Bursar's office. You may not continue to attend class until your Enrollment Loan has been applied to outstanding tuition fees.

**Evaluation:** Your performance will be assessed through a series of opinion papers and my subjective opinion of the level of your involvement in class discussion of cases.

**Americans with Disabilities:** The University of Texas at Arlington is committed to both the spirit and letter of federal equal opportunity legislation (Public Law 93112--The Rehabilitation "Act of 1973 as amended; Americans with Disabilities Act - (ADA)). It is your responsibility to inform me of your disability at the beginning of the semester and to provide authorized documentation through designated administrative channels. If you require and accommodation based on disability, I would like to meet with you in my office the first week of class to discuss your special needs.

**Academic Dishonesty:** It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2. Subdivision 3.22).

**Grade Replacement Policy:** If you are enrolling in this course with the intention of replacing a previous grade earned in this course, you must declare your intention to do so at the registrar's office by Census Date of this semester.

**Bomb Threats:** If you are tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/Tests caused by bomb threats. Unannounced alternate classrooms or sites will be available in the event that your classroom is not available.

**Recording Devices:** The use of electronic devices to record lectures is forbidden without exception.

**Smoking, food and drink in the lecture hall:** University regulations prohibit smoking, eating, and drinking in lecture halls.

**Cell Phones:** *Ringers must be turned off during class.*

**Student Success Programs:** The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition and federally funded programs. Students requiring assistance academically, personally or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals

**Final Review Week :** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances, and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week

**Changes to the syllabus:** The following serves only as an outline. Our progress in covering material may warrant changes in this outline.

**Sequence of Topics:**

Ethics in science defined

Mentoring and what it means: Two sides to the story

Authorship and Peer review

Conflicts of Interest: Financial, scientific, and personal

Ownership of data and Intellectual property: Who owns the hard data and who owns your thoughts?

Collaborative research: Credit partitioning and strategies for grantsmanship

Humans as research subjects

Animals as research subjects