



Course Description

Acquaint students with the economic and scientific concepts necessary to characterize environmental and natural resource problems. Aid students in using basic economic and environmental science tools and concepts to evaluate alternative management solutions to these problems. Familiarize students with predominant Canadian environmental and resource issues and their economic content

Course Number & Title:	ABIZ 2390 –Introduction to Environmental Economics (A01)
Number of Credit Hours:	3 credit hours
Class Times & Days of Weeks:	9.30 am – 10.20 am (MWF)
Location of Classes:	AGRICULTURE 172
Pre-Requisite:	(ECON 1010 Minimum Grade of C or ECON 1011 Minimum Grade of C or ECON 1200 Minimum Grade of C or ECON 1201 Minimum Grade of C) or (ECON 1210 Minimum Grade of C or ECON 1211 Minimum Grade of C and 1220 Minimum Grade of C or ECON 1221 Minimum Grade of C)

Instructor Contact Information

Instructor:	Bibhuti Sarker
Availability:	Flexible to accommodate students' schedules. Send an email for an appointment.
Email:	Bibhuti.Sarker@umanitoba.ca
Contact Method:	You can contact me over email, but the email must be from your U of M email address and contain ABIZ 2390 in the subject line and your full name and student number in the text body. I will not respond to messages that lack this information.

Textbook & Learning Materials

Field, Barry C., Martha K. Field, Environmental Economics, McGraw Hill, **8th Edition**. Textbook ISBN-13: 9781260575491. Some journal articles may be used.

Course Evaluation Method

Class quizzes	10%
Presentation	5%
Test 1: February 16	25%
Test 2: March 22	20%
Final Exam: 2 hours (Cumulative)	40%
Total	100%

Course outline

1. Environmental economics: Introduction and relationship with economics (Ch 1 & 2)
2. Microeconomics and markets (Ch 3 & 4)
3. Property rights (Notes and journal articles)
4. The economics of environmental quality (Ch 5)
5. Benefit-cost analysis (Ch 6, 7 & 8)
6. Environmental policy analysis (Ch 9—13)
7. Additional materials as time allows

Note: March 20, 2023, is the voluntary withdrawal date for Winter term classes.

Quizzes

There will be 6 class quizzes, of which I will count the best 5. Each quiz will be worth 2 marks. Quizzes will be either one-sentence-answer or MC or FIB type *based on materials from the previous class(s)*. I will allow a fixed time during class for each quiz. Quiz marks will not be transferred to the final, i.e., **Missed quizzes will count as 0.**

Presentation

Groups comprising five students each will present journal articles concerning property rights. Each group will prepare PPT slides from the assigned article and present them in class. Each group will send me PPT slides before the presentation, and their presentation is expected to be finished within the stipulated timeframe of 10 minutes.

Midterm exam

The midterm exam will be closed-book and held during class time. It will have two sections: section A will be multiple choice, multi-select, fill-in-the-blank, true/false type questions and section B will be written response questions. I will provide details as the date approaches. **Each test will be cumulative.**

Final exam

The final exam will be **2 hours** in length and will be closed-book and invigilated. It will cover all chapters (cumulative). It will consist of two sections: section A will be multiple choice, multi-select, fill-in-the-blank, true/false type questions and section B will be written response questions. I will provide details as the date approaches.

Note: The date for the final exam will be announced when scheduled. If you miss the final exam for any reason, you need to contact your Dean's office (not me).

Grading

Letter Grade	Out of 100	Grade Point Range	Final Grade Point
A+	90-100	4.25-4.5	4.5
A	80-89.99	3.75-4.24	4.0
B+	75-79.99	3.25-3.74	3.5
B	70-74.99	2.75-3.24	3.0
C+	65-69.99	2.25-2.74	2.5
C	60-64.99	2.0-2.24	2.0
D	50-59.99	Less than 2.0	1.0
F	Less than 50		0

Make-up test policies

If you miss test 1, the grade will be transferred to test 2. You are not allowed to miss both tests. There must be a valid reason to miss tests (e.g., travel or simple forgetfulness is not a valid reason). If you miss a test, you will have to provide me with a doctor's note to be eligible for the grade to be transferred.

Class Communication

I will be sending you an email if there is any immediate announcement, otherwise see "UM Learn" for all notices and communications. Please note that the University of Manitoba requires all students to activate an official University email account. See the link below for details of the Electronic Communication with Students:

http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf

Please note that all communication between the students and the instructor must comply with the electronic communication with student policy:

http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html. You are required to obtain a valid U of M email address to communicate with me.

PowerPoint slides and lectures

PowerPoint slides for each chapter will be posted on UM Learn. However, PowerPoint slides are not complete and comprehensive class notes, they can merely give a sketch of the topics covered in the course. Hence, students are strongly advised to go through the textbook for a better understanding of the topics covered so that they can be able to solve the questions and problem sets.

Discussion forum

You are encouraged to post any questions about course content in the appropriate discussion forum within the UM Learn site. Anyone can post in the forums, and anyone can respond to forum posts.

- Post your questions in the “Content questions” forum (example: Could someone explain this?).
- I will be available between 10.00 PM and 11.00 PM from Monday to Friday to answer questions posted on the discussion forum.

Expectation

I will treat all students equally and with courtesy and respect. I expect the same from the students. I will try to make the class environment stimulating and make myself available to the students to the maximum extent that I think is reasonable. Moreover, students can learn more by interacting with each other.

Using Copyrighted Material

Copyrighted material is part of the content of this course. The instructor has ensured that content is appropriately acknowledged and copied in accordance with copyright laws and University guidelines. Copyrighted works, including those created by the instructor, are made available for private study and research and must not be distributed in any format without permission or uploaded to any learning management system (such as UM Learn), or any website, unless an exception to the Copyright Act applies or written permission has been confirmed. For more information, see the University’s Copyright Office website at <http://umanitoba.ca/copyright/> or contact um_copyright@umanitoba.ca.

Technology and Course Material

The instructor and the University of Manitoba hold copyright over the presentation slides, lectures, and other course materials that form part of this course.

- You cannot take pictures, videos, or audio recordings during lectures without my prior permission.
- Lecture slides and other course materials should be solely used for the participant’s private study and research.
- You should not use **Laptop, Tablet, or any other electronic device** to take notes and your **mobile phone** should be switched off during class lectures.

Academic Integrity

Students should acquaint themselves with the University's policy on plagiarism, cheating, exam personation, ("Personation at Examinations" (Section 5.2.9) and "Plagiarism and Cheating" (Section 8.1)) and duplicate submission by reading the documentation provided at the Arts Student Resources web site at <http://www.umanitoba.ca/faculties/arts/student/index.html>. Ignorance of the regulations and policies regarding academic integrity is not a valid excuse for violating them.

- (a) Plagiarism – the presentation or use of information, ideas, images, sentences, findings, etc. as one's own without appropriate citation in a written assignment, test, or final examination.*
- (b) Cheating on Quizzes, Tests, or Final Examinations – the circumventing of fair testing procedures or contravention of exam regulations. Such acts may be premeditated/planned or may be unintentional or opportunistic.*
- (c) Personation – writing an assignment, lab, test, or examination for another student, or the unauthorized use of another person's signature or identification in order to impersonate someone else. Personation includes both the personator and the person initiating the personation.*
- (d) Academic Fraud – falsification of data or official documents as well as the falsification of medical or compassionate circumstances/documentation to gain accommodations to complete assignments, tests or examinations.*

Student Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation support and services such as note-taking, interpreting, assistive technology, and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation. *Student Accessibility Services* <http://umanitoba.ca/student/saa/accessibility/>

520 University Centre

204 474 7423

Student_accessibility@umanitoba.ca