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)

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**Instructor Contact Information**

**Instructor:** Bibhuti Sarker

**Office Location:** Fletcher Argue 608

**Availability:** Flexible to accommodate students’ schedule. Send an email for 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


Course Evaluation Method

<table>
<thead>
<tr>
<th>In-class quizzes:</th>
<th>10%</th>
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</thead>
<tbody>
<tr>
<td>Midterm 1: February 15</td>
<td>25%</td>
</tr>
<tr>
<td>Midterm 2: March 22</td>
<td>25%</td>
</tr>
<tr>
<td>Final Exam: 2 hours (Cumulative)</td>
<td>40%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100%</td>
</tr>
</tbody>
</table>

Course outline

<table>
<thead>
<tr>
<th>Chapters</th>
<th>Textbook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>Field, Barry C., Martha K. Field, Environmental Economics, 8th Edition</td>
</tr>
<tr>
<td>Chapter 2</td>
<td></td>
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<tr>
<td>Chapter 3</td>
<td></td>
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<tr>
<td>Chapter 4</td>
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<td>Chapter 9</td>
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<td>Chapter 10</td>
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<tr>
<td>Chapter 11</td>
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<tr>
<td>Chapter 12</td>
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</table>

*Chapters 13, 14, 15 will be taught as time allows*

Note: March 22, 2023 is the voluntary withdrawal date for Winter term classes.

Quizzes: There will be 6 class quizzes, of which I will count 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 immediate previous class. I will allow a fixed time during class for each quiz. Quiz marks will not be transferred to final, i.e., Missed quizzes will count as 0.

Midterm exam: The midterm exam will be closed-book and held during the 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 date approaches. Each test will be cumulative.
Final exam: 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 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

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

### Make-up test policies

If you miss the midterm test, you must write the make-up test for that (midterm grade is not transferred to the final exam). There must be a valid reason to miss the midterm test, and hence to be eligible to write the make-up test. A travel or simple forgetfulness is not a valid reason. For missed midterm, you will have to inform me within two business days following the midterm date. Normally, the make-up test is held in the following week after a test.

### Class Communication

I will be sending you email if there is any immediate announcement, otherwise see “UM Learn” for all notices and communications. Please note that 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 the 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 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 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 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 is 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, video or audio recording during lectures without the prior permission of the instructor (Bibhuti Šarker).
- 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 devices to take note 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 documentation provided at the Arts Student Resources website 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 supports 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

Please note the following sections, as required by the University of Manitoba

Schedule “A”

The following information may be used to fulfill the requirement of Schedule “A.” Such information is to be provided to students within the first week of classes, either through a paper copy and/or a University student information system (including Aurora or UM Learn).

Section (a) sample re: A list of academic supports available to Students, such as the Academic Learning Centre, Libraries, and other supports as may be appropriate:

Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your
academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at:

http://umanitoba.ca/student/academiclearning/

You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

**University of Manitoba Libraries (UML)**

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: http://bit.ly/WcEbA1 or name: http://bit.ly/1J0bB4. In addition, general library assistance is provided in person at 19 University Libraries, located on both the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: http://bit.ly/1sXe6RA. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries’ homepage: www.umanitoba.ca/libraries.

**Section (b) sample: re: A statement regarding mental health that includes referral information:**

**For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.**

**Student Counselling Centre**

Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. **Student Counselling Centre:**

http://umanitoba.ca/student/counselling/index.html

474 University Centre or S207 Medical Services
(204) 474-8592

**Student Support Case Management**
Contact the Student Support Case Management team if you are concerned about yourself or another student and don’t know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

520 University Centre  
(204) 474-7423

**University Health Service**

Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

*University Health Service* [http://umanitoba.ca/student/health/](http://umanitoba.ca/student/health/)
104 University Centre, Fort Garry Campus  
(204) 474-8411 (Business hours or after hours/urgent calls)

**Health and Wellness**

Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

*Health and Wellness Educator* [http://umanitoba.ca/student/health-wellness/welcome.html](http://umanitoba.ca/student/health-wellness/welcome.html)
Katie.Kutryk@umanitoba.ca  
469 University Centre  
(204) 295-9032

**Live Well @ UofM**

For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:


**Section (c) sample:** re: A notice with respect to copyright:

All students are required to respect copyright as per Canada’s *Copyright Act*. Staff and students play a key role in the University’s copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit [http://umanitoba.ca/copyright](http://umanitoba.ca/copyright) for more information.

**Section (d) sample:** re: A statement directing the student to University and Unit policies, procedures,
Your rights and responsibilities

As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The Academic Calendar http://umanitoba.ca/student/records/academiccalendar.html is one important source of information. View the sections University Policies and Procedures and General Academic Regulations.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final grade appeals. Note that you have the right to access your final examination scripts. See the Registrar’s Office website for more information including appeal deadline dates and the appeal form http://umanitoba.ca/registrar/

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the Academic Integrity regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support http://umanitoba.ca/academicintegrity/ View the Student Academic Misconduct procedure for more information.

- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

  Respectful Work and Learning Environment
  http://umanitoba.ca/admin/governance/governing_documents/community/230.html

  Student Discipline
  http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html and,

  Violent or Threatening Behaviour
  http://umanitoba.ca/admin/governance/governing_documents/community/669.html

- If you experience Sexual Assault or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The Sexual Assault policy may be found at:
http://umanitoba.ca/admin/governance/governing_documents/community/230.html More information and resources can be found by reviewing the Sexual Assault site http://umanitoba.ca/student/sexual-assault/

- For information about rights and responsibilities regarding **Intellectual Property** view the policy: http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site http://umanitoba.ca/faculties/

Contact an **Academic Advisor** within our faculty/college or school for questions about your academic program and regulations http://umanitoba.ca/academic-advisors/

**Student Advocacy**

Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

http://umanitoba.ca/student/advocacy/
520 University Centre
204 474 7423
student_advocacy@umanitoba.ca