



**University of Manitoba**  
**CHR Faculty of Environment, Earth and Resources**  
**Department of Environment and Geography**

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## COURSE DETAILS

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**Course Title & Number:** Introduction to Physical Geography, GEOG 1290 A01

**Number of Credit Hours:** 3

**Class Times & Days of Week:** 10:00-11:15 am, Tuesday, Thursday

**Location for classes/labs/tutorials:** Room 223 Wallace Bldg.

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## Instructor Contact Information

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**Instructor(s) Name:** Dr. C.J. Mundy

**Office Location:** 582 Wallace Bldg.

**Office Hours or Availability:** Please email me or approach me at the end of a lecture to make an appointment.

**Office Phone No.** 204-272-1571

**Email:** [CJ.Mundy@umanitoba.ca](mailto:CJ.Mundy@umanitoba.ca) - I usually reply within 48 hours.

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## Course Description:

(Formerly 053.129) This course studies aspects of our physical environment: climate, landforms, soils and vegetation. Not to be held with GEOG 1291 or GEOG 1200 or GEOG 1201.

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## General Course Information

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This course will introduce students to the basic concepts of Physical Geography, preparing students for future studies in Geography. Physical Geography brings together various disciplines to understand physical elements and processes of the Earth's System and how they interact over the Earth's surface to shape our physical environment.

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## Course Goals

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The goal of this course is to provide students with an understanding of the basic elements of our physical environment including an overview of pertinent atmospheric, lithospheric oceanographic, hydrologic, geomorphic, pedologic (soil study) and biogeographic processes.

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## Using Copyrighted Material

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Please respect copyright. Copyrighted works, including those created by me, are made available for private study and research and must not be distributed in any format without permission. Do not upload copyrighted works to a 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](mailto:um_copyright@umanitoba.ca).

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## Recording Class Lectures

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Dr. C.J. Mundy and the University of Manitoba hold copyright over the course materials, presentations and lectures which form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission of Dr. Mundy. Course materials (both paper and digital) are for the participant's private study and research.

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## Textbook, Readings, Materials

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Suggested textbook – Strahler, A. and O.W. Archibold. 2011. *Physical Geography: Science and Systems of the Human Environment* (5th Canadian edition). Mississauga: John Wiley & Sons Canada, Ltd.

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## Course Technology

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It is the general University of Manitoba policy that all technology resources are to be used in a responsible, efficient, ethical and legal manner. The student can use all technology in classroom setting only for educational purposes approved by Dr. Mundy and/or the University of Manitoba Student Accessibility Services. Student should not participate in personal direct electronic messaging / posting activities (e-mail, texting, video or voice chat, wikis, blogs, social networking (e.g. Facebook) online and offline "gaming" during scheduled class time. If student is on call (emergency) the student should switch his/her cell phone on vibrate mode and leave the classroom before using it. (©S Kondrashov. Used with permission)

Please note that all course notes will be posted on the UM Learn GEOG 1290 A01 site. (see the [Centre For The Advancement Of Teaching & Learning](#) for details on online resources).

## Class Communication

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The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit:

[http://umanitoba.ca/admin/governance/media/Electronic Communication with Students Policy - 2014 06 05.pdf](http://umanitoba.ca/admin/governance/media/Electronic_Communication_with_Students_Policy_-_2014_06_05.pdf)

Please note that all communication between myself and you as a student must comply with the electronic communication with student policy

([http://umanitoba.ca/admin/governance/governing\\_documents/community/electronic communication with students policy.html](http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html)). You are required to obtain and use your U of M email account for all communication between yourself and the university.

## Expectations: I Expect You To

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**Class attendance:** A substantial part of my notes are provided during class and therefore, regular attendance is strongly encouraged.

**Questions during class:** If you would like quick clarification during a lecture, I encourage students to raise their hand and I will invite you to ask the question. However, if you think the question will take a longer to answer, you can come see me at the end of lecture or make an appointment with me via email to meet at a later time in my office.

**Policy regarding late assignments:** Students will not be permitted to write make-up tests or hand in assignments late, except for documented medical or compassionate reasons. Please make yourself familiar with the class schedule well in advance of mid-term tests and the final exam.

**Academic integrity:** Students should acquaint themselves with the University's policy on plagiarism, cheating, and examination impersonation (see University of Manitoba General Calendar).

## Students Accessibility Services (SAS)

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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](mailto:Student_accessibility@umanitoba.ca)

## **Expectations: You Can Expect Me To**

**Course notes:** Lecture handouts will be provided on UM Learn at least 1-day in advance of the corresponding lecture. Please note that a considerable amount of material beyond the course notes will be provided during the lecture. All material to appear in both mid-term tests and final exam will be provided during the lecture and/or in the course notes.

**Evaluative feedback:** Test 1 marks will be provided before the voluntary withdrawal deadline date, November 17.

**Reviews:** I will provide a review lecture prior to each mid-term test and during the last lecture for the final exam.

**Humour:** I will attempt it sporadically.

## **Class Schedule**

This schedule is subject to change at the discretion of Dr. Mundy and/or based on the learning needs of the students but such changes are subject to Section 2.8 of the – [ROASS](#)- Procedure.

Date	Class Content	Suggested Readings	Evaluation
Jan. 4- Jan. 25	<p><i>1.0 Introduction</i> Introduction to Geography Earth-sun geometry and the seasons</p> <p><i>2.0 Atmosphere</i> Introduction to the atmosphere Radiation and energy balance Air temperature Atmospheric pressure and winds Atmospheric moisture Weather systems Climate classification</p>	Chapters 1-10	
Jan. 30	Mid-term test 1 review		
Feb. 1	Mid-term test 1		Test will consist of 50 multiple-choice questions based on material covered between January 4 and 30.
Feb. 5-9	Mid-term test 1 results will be posted on UM Learn		
Feb. 6- Mar. 6	<p><i>2.0 Atmosphere</i> Climate classification cont'd</p>	Chapters 9-16, 18	

	<p><i>3.0 Lithosphere</i>  Introduction to the lithosphere  Lithospheric plates  Volcanic processes  Tectonics  Weathering and erosion  Glacial processes</p>		
Feb. 19-23	Reading Week		No classes
Mar. 8	Mid-term test 2 review		
Mar. 13	Mid-term test 2		Test will consist of 50 multiple-choice questions based on material covered between February 6 and March 8.
Mar. 16	Last date for Voluntary Withdrawal from in Winter Term courses		Will try to have mid-term test 2 results posted by March 16
Mar. 19-23	Mid-term test 2 results will be posted on UM Learn		
Mar. 15-Apr. 3	<p><i>3.0 Lithosphere</i>  Aeolian Processes and Landforms</p> <p><i>4.0 Hydrosphere</i>  Circulation of the world's ocean  Coastal processes  Coastal Landforms</p> <p><i>5.0 Biosphere</i>  Pedology  Introduction to Biogeography</p>	Chapters 17, 5, 19-21	
Apr. 5	Final exam review		The final exam will be cumulative (i.e. on all material covered since the beginning of the term) and consist of 100 multiple-choice questions.

## Course Evaluation Methods

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Both mid-term tests and final exam will consist of multiple choice questions. Material covered in mid-term test 1 will be separate from mid-term test 2, but the final exam will be cumulative.

Date:	Assessment Tool	Value of Final Grade
Thursday, Feb. 1, 2018	Mid-term test 1	25%
Tuesday, Mar. 13, 2018	Mid-term test 2	25%
TBD (Apr. 9-23, 2018)	Final exam (cumulative)	50%

## Grading

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Letter Grade	Percentage out of 100	Final Grade Point
A+	90-100	4.5
A	80-89	4.0
B+	75-79	3.5
B	70-74	3.0
C+	65-69	2.5
C	60-64	2.0
D	50-59	1.0
F	Less than 50	0