

**DEPARTMENT OF ANTHROPOLOGY  
UNIVERSITY OF MANITOBA**

**EVOLUTION AND HUMAN DIVERSITY  
ANTH 2860 A01  
Fall Term  
September – December 2010**

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**Instructor: Dr. Shirley Lee**  
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**Office hours: 10:30 - 11:20 pm Tues.**  
**or by appointment**

**Location: 137 Isbister**  
**Time: 11:30 – 12:45 pm**  
**Tuesday & Thursday**

**\*\*\*Please note that the best way to contact me is by e-mail. Please do not assume your e-mail has been received unless you have an acknowledgement.**

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## **COURSE INFORMATION**

### **Objectives and Content:**

This course provides an introduction to the biological basis for variation within/between human populations. The interaction of heredity, culture and the environment will be explored and traits of simple and complex inheritance will be analyzed. Race and the problems arising from this concept in the lives of human populations will also be examined.

### **Required Readings (the following item can be purchased at the University Book Store):**

Brown, Daniel.  
2010 *Human Biological Diversity*. Boston: Prentice Hall.

## **METHOD OF EVALUATION**

Your grade will be based on two term tests, and a final examination. Students are required to write the tests and examination as scheduled in the course outline.

**MISSED EXAMS: ILLNESS (SUPPORTED BY A MEDICAL CERTIFICATE), DEATH IN THE IMMEDIATE FAMILY, AND UNIVERSITY AND RELIGIOUS OBLIGATIONS ARE THE ONLY VALID REASONS FOR MISSING AN EXAM. EXAMS MISSED WITHOUT A VALID REASON COUNT AS ZERO. THE INSTRUCTOR MUST BE NOTIFIED IMMEDIATELY IF AN EXAM IS TO BE MISSED FOR A VALID REASON.**

Incompletes (Time Extensions) must be applied for before the last day of classes.

**Term Tests:**

Two term tests, each valued at 30 % of the final grade, will be given on the dates specified in the course schedule (**Term test #1 on Oct 7; Term test #2 on Nov 16**). These tests, 1 hour in length, will consist of multiple choice questions along with a series of short answer questions based on the material preceding the test.

Please note that unreturned term work will be kept for four months and will then become the property of the Faculty of Arts. At that time it will be subject to confidential destruction.

**Final Exam:**

A final examination, valued at 40 % of the final grade, will be administered during the examination period. The examination which will be two hours in length will consist of a series of multiple choice, and short answer questions along with one essay question. The examination material will be cumulative, although more focus will be placed on readings from the last section of the course.

**The voluntary withdrawal date for this course is November 17, 2010.** Students will receive feedback on their academic performance (mid-term tests) before the voluntary withdrawal date.

**The grade distribution for this course is as follows:**

A+ [ 90-100 ]	C+ [ 65-69 ]
A [ 80-89 ]	C [ 60-64 ]
B+ [ 75-79 ]	D [ 50-59 ]
B [ 70-74 ]	F [ 0-49 ]

Final grades are subject to departmental review.

**ACADEMIC DISHONESTY****General Academic Regulations and Requirements****Section 8: Academic Integrity (taken from University of Manitoba Undergraduate Calendar, 2010-2011)****8.1 Plagiarism and Cheating**

Plagiarism or any other form of cheating in examinations, term tests or academic work is subject to serious academic penalty (e.g. suspension or expulsion from the faculty or university).

Cheating in examinations or tests may take the form of copying from another student or bringing unauthorized materials into the exam room (e.g., crib notes, pagers or cell phones). Exam cheating can also include exam impersonation. (Please see Section 5.2.9 on Exam Personation). A student found guilty of contributing to cheating in examinations or term assignments is also subject to serious academic penalty.

To plagiarize is to take ideas or words of another person and pass them off as one's own. In short,

it is stealing something intangible rather than an object. Plagiarism applies to any written work, in traditional or electronic format, as well as orally or verbally presented work. Obviously it is not necessary to state the source of well known or easily verifiable facts, but students are expected to appropriately acknowledge the sources of ideas and expressions they use in their written work, whether quoted directly or paraphrased. This applies to diagrams, statistical tables and the like, as well as to written material, and materials or information from Internet sources.

To provide adequate and correct documentation is not only an indication of academic honesty but is also a courtesy which enables the reader to consult these sources with ease. Failure to provide appropriate citations constitutes plagiarism. It will also be considered plagiarism and/or cheating if a student submits a term paper written in whole or in part by someone other than him/herself, or copies the answer or answers of another student in any test, examination, or take-home assignment.

Working with other students on assignments, laboratory work, take-home tests, or on-line tests, when this is not permitted by the instructor, can constitute Inappropriate Collaboration and may be subject to penalty under the Student Discipline By-Law.

An assignment which is prepared and submitted for one course should not be used for a different course. This is called "duplicate submission" and represents a form of cheating because course requirements are expected to be fulfilled through original work for each course.

When in doubt about any practice, ask your professor or instructor.

### **Statement from the Dean's Office regarding penalties for plagiarism:**

The common penalty in Arts for plagiarism in a written assignment, test, or examination is F on the paper and F for the course. For the most serious acts of plagiarism, such as the purchase of an essay or cheating on a test or examination, the penalty can also include suspension for a period of up to five years from registration in courses taught in a particular department in Arts or from all courses taught in this faculty. The Faculty also reserves the right to submit student work that is suspected of plagiarism to Internet sites designed to detect plagiarism.

## **General Academic Regulations and Requirements**

### **Section 5: Academic Evaluation (taken from University of Manitoba Undergraduate Calendar, 2010-2011)**

#### **5.2 Examinations**

##### **5.2.9 Examinations: Personations**

A student who arranges for another individual to undertake or write any nature of examination for and on his/her behalf, as well as the individual who undertakes or writes the examination, will be subject to discipline under the university's Student Discipline Bylaw, which could lead to suspension or expulsion from the university. In addition, the Canadian Criminal Code treats the personation of a candidate at a competitive or qualifying examination held at a university as an

offence punishable by summary conviction. Section 362 of the code provides:

**Personation at Examination**

362. Every one who falsely, with intent to gain advantage for him/herself or some other person, personates a candidate at a competitive or qualifying examination held under the authority of law or in connection with a university, college or school or who knowingly avails him/herself of the results of such personation is guilty of an offence punishable on summary conviction. 1953-54,c.51, s.347.

Both the personator and the individual who avails him/herself of the personation could be found guilty. Summary conviction could result in a fine being levied or up to two years of imprisonment.

## TENTATIVE COURSE OUTLINE

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Sept 9:	Introduction	
Sept 14 - 16:	The concept of race Concepts of Evolution	Chapter 1 Chapter 2
Sept 21 - 23:	Evidence for Evolution Genetics and Microevolution	Chapter 2 Chapter 3
Sept 28 - 30:	Microevolution Molecular Genetics	Chapter 3 Chapter 4
Oct 5:	Human Genome	Chapter 4
<b>Oct 7:</b>	<b>1<sup>st</sup> Term Test</b>	
<b>Oct 11:</b>	<b>Thanksgiving Day</b>	
Oct 12 - 14:	Macroevolution	Chapter 5
Oct 19 - 21:	Race	Chapter 6
Oct 26 – 28:	Genotypic Traits	Chapter 7
Nov 2 - 4:	Genotypic Traits	Chapter 7
Nov 9:	Demography	Chapter 8
<b>Nov 11:</b>	<b>Remembrance Day</b>	
<b>Nov 16:</b>	<b>2<sup>nd</sup> Term Test</b>	
Nov 18:	Growth and Development	Chapter 9
Nov 23 - 25:	Aging Adaptation	Chapter 10 Chapter 11
Nov 30 – Dec 2:	Adaptation	Chapter 12
Dec 7 - 9:	Modern World The Future	Chapter 13 Chapter 14

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**Final Examination Period: December 10 – 22, 2010**

