

**ANT 101H5S – Spring 2013**  
**INTRODUCTION to BIOLOGICAL ANTHROPOLOGY and ARCHAEOLOGY**

Anthropology, University of Toronto Mississauga

Lecture 0101: Mondays & Wednesdays 3:00-4:00 pm, Instructional Building 120

Lecture 0201: Mondays & Wednesdays 4:00-5:00 pm, Instructional Building 120

Practicals: Thursdays, 9 am to 5 pm and Fridays 9 am to 3 pm, Davis Building 245 & 259C – see TA schedule for times & locations

Instructor	Office	Office Phone	Email	Office Hours
Prof. Heather Miller	HSC 346	905-828-3741	heather.miller@utoronto.ca	M & W 5-5:30 in IB120 Thurs. 4-5 in HSC346 or by appointment

Practical	Teaching Assistants	Email	Office Hours	Office
0101: DV2059C Th 9-10 am 0102: DV2059C Th 10-11 am	Daniel Kwan	danielhoward.kwan@mail.utoronto.ca	Thursdays 11-12 In office	HSC 366
0103: DV2059C Th 11 am-noon 0104: DV2059C Th noon-1 pm	Rastko Cvekic	rastko.cvekic@mail.utoronto.ca	TBA	HSC 366
0105: DV2059C Th 1-2 pm 0106: DV2059C Th 2-3 pm	Travis Steffens	travis.steffens@mail.utoronto.ca	Thursdays 12-1 In office	HSC 366
0107: DV2059C Th 3-4 pm 0108: DV2059C Th 4-5 pm	Adam Long	a.long@mail.utoronto.ca	Thursdays 2-3 In office	HSC 366
0109: DV2059C F 9-10 am 0110: DV2059C F 10-11 am	Daniel Black	daniel.black@mail.utoronto.ca	Fridays 11-12 In office	HSC 366
0111: DV2059C F 11 am-noon 0112: DV2059C F noon-1 pm	Laura Bolt	laura.bolt@mail.utoronto.ca	Thursdays 12-1 VIRTUAL CHAT	HSC 366
0113: DV2059C F 1-2 pm 0114: DV2059C F 2-3 pm	Ornella Bertrand	ornella.bertrand@mail.utoronto.ca	Fridays 12-1 In office	HSC 366
0201: DV2045 Th 9-10 am 0202: DV2045 Th 10-11 am	Sue Beckwith	s.beckwith@mail.utoronto.ca	Thursdays 11-12 In office	HSC 366
0203: DV2045 Th 11 am-noon 0204: DV2045 Th noon-1 pm	Lesley Howse	lesley.howse@mail.utoronto.ca	Wednesdays 2-3 VIRTUAL CHAT	HSC 366
0205: DV2045 Th 1-2 pm 0206: DV2045 Th 2-3 pm	Ryan Burke	ryan.burke@mail.utoronto.ca	Thursdays 12-1 In office	HSC 366
0207: DV2045 Th 3-4 pm 0208: DV2045 Th 4-5 pm	Cadell Last	cadell.last@mail.utoronto.ca	Thursdays 2-3 In office	HSC 366
0209: DV2045 F 9-10 am 0210: DV2045 F 10-11 am 0211: DV2045 F 11 am-noon	Giles Spence Morrow	gspence.morrow@mail.utoronto.ca	Fridays 12-1 In office	HSC 366
0212: DV2045 F noon-1 pm 0213: DV2045 F 1-2 pm 0214: DV2045 F 2-3 pm	Danielle Macdonald	danielle.macdonald@utoronto.ca	Fridays 11-12 In office	HSC 366

### **COURSE DESCRIPTION**

Anthropology, the holistic study of human thought, behaviour, and biology, is composed of four major sub-fields: biological anthropology, archaeology, socio-cultural anthropology and linguistic anthropology. ANT101 covers the first two sub-fields, providing an introductory overview of the study of human biology and the study of the human past. It complements ANT102, Introduction to Socio-Cultural and Linguistic Anthropology; the two courses may be taken in any order.

### **COURSE OBJECTIVES**

1. To understand the importance of both biology and culture in the evolutionary history and the diversity of the human species.
2. To develop skills in observation, classification, reasoning and problem solving.
3. To learn about the way humans and their close relatives (past and present) have lived in the world.

## COURSE MATERIALS – REQUIRED

\* The course packet is available at the UTM Bookstore

Lewis, B., R. Jurmain & L. Kilgore. 2013. *Understanding Humans: Introduction to Physical Anthropology and Archaeology*. 11<sup>th</sup> edition.

Centrage Advantage Books. ISBN-10: 1-111-83177-7 (**textbook – YOU NEED THIS EDITION, the text has changed**)

An ethnography and a pamphlet are also included in your packet, as ‘freebies’ – these are not required readings, but are for additional information and knowledge.

An e-book version of the required text is available directly from the publishers for ‘rental’ at a much lower price. (Note you will not receive the optional free materials with the e-book version.) Order at <http://www.nelsonbrain.com/shop/isbn/9781111831776>

## EVALUATION

Midterm test	Monday , Feb. 4 in your enrolled lecture section	20%
Final exam (cumulative)	EXAM PERIOD	40%
Ten (10) exercises during tutorials	ALL WEEKS except first two	4% each for 40% total

**Midterm Test:** The midterm test will cover all course material (lecture, practicals/tutorials, and readings ) up until the midterm date.

It will consist of multiple choice and perhaps some matching questions.

**You must take the midterm test in the lecture section for which you are enrolled.**

**Final Exam:** The final will be cumulative, and will cover all course material (lecture, practicals/tutorials, and readings).

Since the midterm will cover the first half of the course, material covered prior to the midterm will only make up 25% of the final.

The remaining 75% of the final will be drawn from material covered after the midterm.

The final will consist of multiple choice and perhaps some matching questions.

**Exercises in Lab Practicals:** Students will complete ten (10) exercises during their lab practicals, as indicated on the schedule.

All assigned reading must be completed before the start of the practical; handwritten and printed notes and books may be used, but

NO laptops or other electronic tools may be used during the exercises (except with special advance permission of the instructor).

Exercise worksheets will be started at the beginning of the practical, and collected by the TA at the end; you must attend the lab practical to receive credit for the exercise.

**You must attend your own registered practical session to receive credit for the exercise.**

**NO MAKE-UP exercises will be allowed;** see below for procedure if you miss a practical due to illness.

**YOU MUST CHECK Blackboard and ensure that ALL EXERCISE and midterm MARKS are correct before the final.** Contact Dr. Miller

AND your TA for problems with recorded exercise marks. **NO CHANGES will be made to exercise or midterm marks after the day of the final exam – NO EXCEPTIONS.**

## MISSED WORK AND MAKE-UPS

**No make-up exercises will be given, under ANY circumstances.** If you provide a medical or similar university-approved documentation to the instructor (Dr. Miller) at the Monday class after your missed practical session, a make-up credit will be given for the missed exercise. This credit will be the same value as the next recorded exercise mark you receive. (If you miss the last exercise, the last previous exercise mark will be used.) CREDIT WILL ONLY BE GIVEN WITH DOCUMENTATION, which must be received by the instructor by the first lecture after the missed tutorial. **A maximum of 2 missed exercises may be credited in this way;** if more tutorials are missed due to illness, the instructor will determine if credit can be awarded in some other fashion. Please contact Dr. Miller if you are seriously ill; attending labs is essential for successful completion of the course.

**Missed Mid-term Test:** It is your responsibility to contact the instructor (Dr. Miller) by email no later than 2 days after the missed test (by Wednesday, Feb. 6 ), indicating that you wish to take the scheduled make-up. You must have confirmation from Dr. Miller by email to take the make-up.

**\*\*Medical or similar university-approved documentation is necessary to take the make-up.\*\*** The original documentation must be given to Dr. Miller at the mid-term test – no exceptions.

**ONE make-up mid-term test will be given on Monday, Feb. 11 (one week after the original test), from 5:30-6:30 pm, room to be determined,** for those who have contacted Dr. Miller and have appropriate documentation. **Makeup tests will usually be short-answer and/or essay format, not multiple-choice.**

**Missed Final Exams** must be dealt with through the Registrar’s office. Students who cannot write a final examination due to illness or other serious causes must file an [online petition](#) within 72 hours of the missed examination. Original supporting documentation must also be submitted to the Office of the Registrar within 72 hours of the missed exam. Late petitions will **NOT** be considered. If illness is cited as the reason for a deferred exam request, a U of T Medical Certificate must show that you were **examined and diagnosed at the time of illness and on the date of the exam, or by the day after at the latest.** Students must also record their absence on ROSI on the day of the missed exam or by the day after at the latest. Upon approval, a non-refundable fee of \$70 is required for each examination approved. **Makeup finals will usually include some short-answer and/or essay questions.**

## CONDUCT

**Submission of Materials and Tests:** When you hand in your exercises in the practical, you must hand it directly to your TA.

The exercise has not been officially submitted unless it is handed directly to the TA.

**EXERCISES WILL ONLY BE ACCEPTED FROM STUDENTS IN THEIR ENROLLED TUTORIALS.**

You must have a **photo ID** for both the midterm and final, and you **must sign the submission form when you turn in your midterm** or no mark for the midterm will be credited.

**Lab Practicals:** For reasons of safety and security (yours and the lab materials):

- **NO FOOD OR DRINK ALLOWED** in the lab rooms (capped water bottles may be set on the floor).
- **DO NOT TOUCH DEMO SPECIMENS** – your TA will instruct you if you may touch other materials
- **NO BACKPACKS, COATS, or LAPTOPS on tabletops**, to avoid damaging lab materials due to lack of space. Only textbooks, notebooks, and pencil cases are allowed on the tables.
- Attendance will be taken at the start of every practical, and exercises will be collected at the end.

**Cellphones, Pagers, PDAs, Laptops:** All forms of external communication must be turned off during lecture and practical.

Please leave the room if you must take a phone call about an urgent situation.

Laptops must be used only for notetaking in lecture. Laptops are **NOT ALLOWED** in the labs (above).

**Email:** All email sent to either the TAs or the Instructors **must have the course number at the start of the header**, then a short note of your request or question, e.g., “ANT101 – missed test due to illness”.

If you do not use this format, your email may not be received, as it may be marked as spam or mis-filed.

You must send email from your utoronto account, and receive mail at that account, to ensure delivery.

Please use complete words and sentences, and sign with your name and student number; treat this like a formal business email.

CHECK THE SYLLABUS BEFORE YOU EMAIL.

Email with documentation of missed practicals or exams, or concerning other serious issues should be sent to Dr. Miller. All other email should be sent to your TA.

Email is for short questions only – it is not meant as a place for the TA to repeat discussions from practical. Please use office hours (real or virtual) for longer questions.

**Academic Conduct:** Although we will not be doing writing intensive work in this class, the UTM rules of Academic Conduct apply. You may work with other students in preparing for exercises (in many cases, you will be encouraged to do so), but what you submit must be your own work. Be sure you understand the answers you submit; direct copying of answers will result in a zero (0) on the exercise and likely further penalties.

**Final Marks** are tentative until approved by the Dept. Chair and Dean's Office, and recorded in the Registrar's Office.

**Students with diverse learning styles and needs are welcome in this course.** Please feel free to approach the instructor and/or the

UTM AccessAbility Resource Centre (access.utm@utoronto.ca, 905-569-4699, Rm 2047 Davis/South Bldg) as soon as possible for help with any needed accommodations.

**SAVE PAPER** – print double-sided and use scrap paper!!

## Course Schedule

DATE	TOPIC & EXERCISES	READING to be COMPLETED
Jan 7	Introduction to Course; The Practice of Anthropology For more information, see <a href="http://www.wadsworth.com/anthropology_d/resources/applied_anthro.html">Applying Anthropology</a> ( <a href="http://www.wadsworth.com/anthropology_d/resources/applied_anthro.html">http://www.wadsworth.com/anthropology_d/resources/applied_anthro.html</a> )	Check Blackboard every week for additional material and links
Jan 9	Introduction to Anthropology; Fieldwork	Text Ch. 1
Jan 10-11	<i>Practical:</i> “Taster Plate”: Archaeology	Check Blackboard
Jan 14	The Development of Evolutionary Theory	Text Ch. 2
Jan 16	Heredity and Evolution; Genetic Principles	Text Ch. 3
Jan 17-18	<i>Practical:</i> “Taster Plate”: Biological Anthropology	Check Blackboard
Jan 21	Modern Human Variation and Adaptation	Text Ch. 4
Jan 23	Macroevolution: Processes of Vertebrate and Mammalian Evolution	Text Ch. 5 + Appendix A
Jan 24-25	<i>Practical:</i> EXERCISE 1: Genetic Principles, Population Genetics & Diversity	Review Text & Check Blackboard

Jan 28	An Overview of the Primates Film: <i>Life in the Trees</i> (26 min.; part of Life on Earth series, BBC)	Text Ch. 6 + Appendix A
Jan 30	Living Primate Behaviour (Why is it important for anthropology?); Questions	Text Ch. 7
Jan 31 – Feb 1	<u>Practical</u> : EXERCISE 2: Living Primates; Discussion/Questions for Midterm	Review Text & Check Blackboard
Feb 4	<b>MIDTERM – in your enrolled lecture section</b>	REVIEW Text, lecture & practical notes
Feb 6	Understanding the Past: Archaeological and Paleoanthropological Methods	Text Ch. 8
Feb 7-8	<u>Practical</u> : EXERCISE 3: Methods and Classification (field & lab work, analysis)	Review Text & Check Blackboard
Feb 11	Film: <i>Becoming Human: First Steps</i> (56 min. - selections, NOVA)	Text Ch. 9 + Appendix B
Feb 13	Hominin Origins: Bipedalism; <i>Australopithecins</i> and other relatives	Text Ch. 9 + Appendix B (review)
Feb 14-15	<u>Practical</u> : EXERCISE 4: Hominin Diet Reconstruction; Bipedalism Discussion/questions on Methods and Hominins, including new fossil finds	Review Text & Check Blackboard
Feb 18-22	FAMILY DAY & READING WEEK – no class or practicals	
Feb 25	The First Dispersal of the Genus <i>Homo</i> : <i>Homo erectus</i> and Contemporaries	Text Ch. 10 + Appendix B
Feb 27	Film: <i>Becoming Human: Birth of Humanity</i> (56 min. - selections, NOVA)	Text Ch 10 + Appendix B (review)
Feb 28 – Mar 1	<u>Practical</u> : EXERCISE 5: <i>Homo erectus</i> ; Earliest Stone Tools	Review Text & Check Blackboard
Mar 4	Premodern Humans (Neanderthals and Others)	Text Ch. 11 + Appendix B
Mar 6	Film: <i>Becoming Human: Last Human Standing</i> (56 min. - selections, NOVA)	Text Ch. 11+ Appendix B (review)
Mar 7-8	<u>Practical</u> : EXERCISE 6: Premodern Humans; Summary of Hominin biological / morphological characteristics	Review Text & Check Blackboard
Mar 11	Origin and Dispersal of Modern Humans: Biological Developments	Text Ch. 12, pp. 279-297
Mar 13	Origin and Dispersal of Modern Humans: Cultural Developments; Review of Archaeological Methods	Text Ch. 12, pp. 297-306; Review Text Ch. 8
Mar 14-15	<u>Practical</u> : EXERCISE 7: Stone tools & other artifacts; Summary of assemblages	Review Text & Check Blackboard
Mar 18	Early Holocene Hunters and Gatherers: Entering the Americas	Text Ch. 13, pp. 307-326; Blackboard
Mar 20	Early Holocene Hunters and Gatherers: Case Studies Paleo-Indian & Archaic; Epi-Paleolithic & Mesolithic; Historic & Modern Hunter-Gatherers	Text Ch. 13, pp. 326-338; Blackboard <i>Optional: Ceren ethnography</i>
Mar 21-22	<u>Practical</u> : EXERCISE 8: Hunters and Gatherers: Making a Living	Review Text & Check Blackboard
Mar 25	Food Production: Origins & Developments; Early Farmers & Sedentary Villages	Text Ch. 14; <i>Optional: Ceren book</i>
Mar 27	FILM: <i>Those Who Came Before</i> (60 min – selections; U.S. Park Service) (Archaeological Methods, Farmers of the American Southwest)	Text Ch. 14 (review); see Blackboard
Mar 28 ONLY	<u>Practical</u> : EXERCISE 9: Archaeological Analysis of Pottery <b>FOR THURS LABS</b> (Clues to Farmers and Village life in Ontario and the American Southwest) <b>Friday Mar 29 is a holiday; REQUIRED Make-up day lab on Mon April 8</b>	Review Text & Check Blackboard
Apr 1	The First Civilizations: Definitions, Explanations, and Old World Examples	Text Ch. 15, pp. 373-393
Apr 3	The First Civilizations concluded: review and New World Examples; Biocultural Evolution and the Anthropocene	Text Ch. 15, pp. 393-406; Text Ch. 16
Apr 4-5	<u>Practical</u> : EXERCISE 10: Early Civilizations	Review Text & Check Blackboard
<b>M Apr 8</b>	<u>Practical</u> : EXERCISE 9: Archaeological Analysis of Pottery <b>FOR FRI LABS</b> (Clues to Farmers and Village life in Ontario and the American Southwest) <b>Friday Mar 29 is a holiday; REQUIRED Make-up day lab on Mon April 8</b> <b>Attend at your usual time in your usual lab room</b>	Review Text & Check Blackboard
Apr. 15-28	FINAL EXAM: Date, Time & Place to be announced	