ANTY 104

Ancient Migrations

Instructor information will be posted on Moodle.

COURSE CONTENT

This course explores migrations by which the world’s peoples came to live where they do today. The focus is worldwide in scope and primarily on prehistory. Data from DNA studies, archaeology, linguistics, and bioarchaeology will be considered.

COURSE OBJECTIVES

Students who successfully complete this course will …

• Obtain a wide ranging knowledge of the impact that migrations have had in prehistory.
• Understand the impacts of migrations on peoples’ genes, their culture, their languages, and what they look like.
• Acquire an understanding of how various sources of data including DNA, archaeology, linguistics, bioarchaeology, and oral histories are used to investigate ancient migrations.
• Know the broad outline of when each region of the world was first inhabited by modern humans and major migrations into and out of each region through time.

ADMINISTRIVIA

Moodle Access:

This class is offered online through the University of Montana’s Moodle System http://umonline.umt.edu/. Your instructor is only responsible for the content of the course -- not for the administration of Moodle and/or your access to it. For help with Moodle access or technical issues contact UMOnline Tech Support: (406) 243-4999, umonline-help@umontana.edu.

Textbook and Other Readings:

• However, Bellwood’s text is not comprehensive and is organized in a manner that to me seems maddeningly random. Therefore, additional readings will be required and the textbook readings will mostly consist of small chunks from various locations in the text. These readings will be posted or linked on Moodle.

Grading

Grades will be based on 3 exams (75% of your grade) and 12 assignments (25% of your grade). The following scale will be used for assigning grades: A: 90-100%, B: 80-89%, C: 60-79%, D: 50-59%, F: under 50%. If appropriate, I may assign + and - modifiers to these grades. The grading mode is “open” meaning that you can take the class for a traditional grade or CR/NCR. If you take a class CR/NCR you cannot count it toward specific major, minor, option, or certificate requirements that require a minimum grade.
Miscellaneous

- Students with disabilities will be accommodated as much as possible upon recommendation by Disability Student Services (DSS). The Anthropology Department does not have facilities for special testing accommodations, so these will have to be provided by DSS.
- This class and the students enrolled in it are subject to the Student Conduct Code: [http://www.umt.edu/student-affairs/community-standards/default.php](http://www.umt.edu/student-affairs/community-standards/default.php).
Readings should be done before watching the lecture videos. “B:” refers to readings from the Bellwood text. Other readings are available as documents or links on Moodle.

LECTURE, READING, AND ASSIGNMENT SCHEDULE

Week 1
Lecture 1: Intro to ancient migration studies
   Reading: B: Preface and Chapter 1.
Lecture 2: The importance of migration
   Reading: B: Chapter 10.
Assignment 1: Navigating this Course

Week 2
Lecture 3: DNA and Simple Inheritance
   Reading: B: pp. 17-22. Foundations of Biology pp. 73-82.
Lecture 4: DNA Markers Used in Comparisons
   Reading: Genetic Variation in Nature
Assignment 2: Pedigree Analysis

Week 3
Lecture 5: The mechanisms of evolution
   Reading: The Major Forces of Evolution.
Lecture 6: Group Formation and Population structure
   Reading: Population Structure & Population History
Assignment 3: Mechanisms of evolution

Week 4
Lecture 7: Inheritance of Complex Traits
   Reading: Human Genetics – Multifactorial Inheritance.
Lecture 8: Cranio-metrics and non-metric traits
   Reading: Measurement & Morphological Analysis of Human Bones
Assignment 4: Bioarchaeology

Week 5
Lecture 9: Linguistics and language families
   Reading: B: pp. 22-30.
First Exam

Week 6
Lecture 10: Archaeology, dating, and prehistory
Lecture 11: Archaeology and migrations
   Reading: B: pp. 30-35.
Assignment 5: Pottery Analysis

Week 7
Lecture 12: Phylogenetics
   Reading: Evolution and Phylogenetics
Lecture 13: Homo erectus and the First Hominin Migrations
   Reading: A Synthesis of the Theories & Concepts of Early Human Evolution
Assignment 6: Tree Thinking Quiz

Week 8
Lecture 14: Neanderthals, Denisovans, and Modern Humans
Lecture 15: The early human migrations
   Reading: B: pp. 36-54, 60-68.
Assignment 7: The Enormity of Africa
Week 9
Lecture 16: Early migrations & peoples of Africa
    Reading: B: pp. 54-60.
Lecture 17: Later migrations of Africa
Assignment 8: African Countries Quiz

Week 10
Lecture 18: South Asia & Mainland Southeast Asia
    Second Exam

Week 11
Lecture 19: Island Southeast Asia and Oceania
    Reading: B: pp. 71-81, 191-205.
Lecture 20: Australia and the Middle East
    Reading: B: pp. 113-121, 123-138, 140-146, 172-173.
Assignment 9: Asian Countries Quiz

Week 12
Lecture 21: Central and North Asia
    Reading: B: pp. 151-152, 163-165.
Lecture 22: East Asia
Assignment 10: Oceanian Countries Quiz

Week 13
Lecture 23: Europe
    Reading: B: pp. 147-151, 165-168.
Lecture 24: Language Families of Europe
    Reading: B: pp. 96-101, 157-163.
Assignment 11: European Countries Quiz

Week 14
Lecture 25: Initial Migrations to the Americas
Lecture 26: The Na-Dene, Eskimo-Aleut, and Other Early Migrations to the Americas
    Reading: B: pp. 101-109, 234-239.
Assignment 12: Central and South American Countries Quiz

Week 15
Lecture 27: Mexico, Central America, and South America
    Reading: B: pp. 219-234.
    Third Exam

Finals Week
    Final Exam

*Sometimes schedules don’t work out the way you think they will. Therefore, this schedule is tentative. The current schedule will always be reflected on Moodle.*