

9-2013

## ANTY 213N.01: Physical Anthropology Lab

Meradeth H. Snow

*University of Montana - Missoula*, [meradeth.snow@umontana.edu](mailto:meradeth.snow@umontana.edu)

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

---

### Recommended Citation

Snow, Meradeth H., "ANTY 213N.01: Physical Anthropology Lab" (2013). *Syllabi*. 490.  
<https://scholarworks.umt.edu/syllabi/490>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact [scholarworks@mso.umt.edu](mailto:scholarworks@mso.umt.edu).

## ANTH 213 PHYSICAL ANTHROPOLOGY LAB

### CLASS MEETINGS:

Wednesday 3:10-4pm, Thursday 9:10-10 & 10:10-11am, or Friday 2:10-3 & 3:10-4pm

### COURSE INFORMATION:

Professor: Meradeth Snow

Office: 219 Social Sciences

Email: meradeth.snow@mso.umt.edu

Office Hours: Mondays 2-5pm, and by appointment

Sections: Friday 2:10pm & 3:10pm

Teaching Assistant: Rosie Bongiovanni

Office: 240 Social Sciences Bldg

Email: rosanne.bongiovanni@umontana.edu

Office Hours: 10-3 Wednesday and 11-3 Thursday

Sections: Wednesday 3:10pm, and Thursday 9:10am & 10:10am

### COURSE GOALS AND PURPOSE:

Students will engage in lab based activities involving human genetics and processes of evolution, biology and behavior of non-human primates, human evolution, and modern human adaptation and variation, in order to understand the basic fields of research in physical anthropology. An in-depth coverage of how to generate, test, and report on scientific hypotheses will accompany each of these topics. While this course is designed to stand on its own, the material covered is closely linked with that in ANTY210 (Introduction to Physical Anthropology).

Upon successful completion of this course, you will:

- Understand the scientific method and how it is applied in physical anthropology.
- Understand the theoretical foundations of physical anthropology.
- Understand the principles of human genetics and the process and mechanisms of evolution.
- Be able to observe and evaluate data regarding the biology and behavior of non-human primates.
- Be able to observe and evaluate data regarding human evolution and modern human adaptation and variation.

### COURSE STRUCTURE AND GRADING:

The grading structure is as follows:

<b>Item</b>	<b>Value</b>	<b>Total Points Possible</b>
Lab exercises (13 total)	10 points each	130 points
Participation (14 total)	5 points each	70 points

Please note that a handout will be provided for you on the class' Moodle website, which you will be **required** to print and bring with you to each class. Failure to do so will result in points docked from your assignment.

Lab exercises: There are 14 lab sessions, 13 of which with lab exercises that will be due at the beginning of the following class. Each lab will fully explain what is required of you, and any questions can be directed to your professor or TA. It is expected that you will attend and participate in the lab exercise and submit assignments from all 14 labs; nevertheless your final grade will be based on performance on your best 13 lab exercises (one will be dropped).

Many of the labs will require that you turn in a typed report. In order to ensure that grading time is minimized and papers are easy to read, please follow these standards: 12pt Times New Roman font, double spaced, one-inch margins, black ink, with your name and student ID number included.

Participation: General attendance and participation in each lab will be noted and scored. Following guidelines and completing the lab activity should, in most cases, result in full credit for attendance, however disruptive and disrespectful behavior will be noted and detract points. **Please note** that because there are close to a hundred students it is essential you attend the **section you are enrolled in**, unless prior approval has been obtained.

#### HOW TO SUCCEED IN MY CLASS

There are several attributes held in common among students who have successfully completed my lab course. In order to do well, it is suggested you:

1. Attend all classes
2. Bring printed handouts to each class
3. Read handouts before attending
4. Carefully complete the assignment
5. Write a clear and concise report on findings
6. Ask questions whenever confused

#### CODE OF ACADEMIC CONDUCT:

With regard to academic dishonesty, this class has a zero-tolerance policy and will promptly deal with any acts of academic dishonesty (cheating, plagiarism, or unauthorized help on assignments, etc.) according to university policy. For further information on what falls into these categories see: [http://life.umt.edu/vpsa/student\\_conduct.php](http://life.umt.edu/vpsa/student_conduct.php). If you have questions or concerns, please feel free to contact the instructor.

#### STUDENTS WITH DISSABILITIES:

Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students (DSS). “Reasonable” means the University permits no fundamental alterations of academic standards or retroactive modifications. (For other options see <http://www.umt.edu/disability>).

LAB SCHEDULE AND ASSIGNMENTS:

<b>Lab</b>	<b>Meeting</b>	<b>Topic</b>
1	August 28, 29, 30	Introduction to course (lab to be completed in class)
2	September 4, 5, 6	The scientific method
3	September 11, 12, 13	Altruism
4	September 18, 19, 20	Human genetics and HWE
5	September 25, 26, 27	Primate osteology
6	October 2, 3, 4	Non-human primates
7	October 9, 10, 11	Human Mate Choice
8	October 16, 17, 18	Radiometric Dating
9	October 22, 23, 25	Early Hominins
10	October 30, 31, November 1	Early <i>Homo</i>
11	November 6, 7, 8	Modern Human Origins
12	November 13, 14, 15	Race
13	November 20, 21, 22	Anthropometrics
-	November 27, 28, 29	Thanksgiving Break
14	December 4, 5, 6	Forensic Anthropology (lab to be completed in class)