

Anthropology& 205: Biological Anthropology

Instructor: Anthony Tessandori

Office	D110K
Office hours	Online or by appointment
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Course Overview:

Anthropology is the holistic study of humans. We combine methods, theories, and data from natural sciences, social sciences and humanities to examine human experience in the broadest framework possible. Anthropology courses explore human biology, origins, prehistory, and cultural diversity.

Content for Anthropology& 205: Biological Anthropology with lab

In “Biological Anthropology” we employ the scientific perspective of biological anthropology to examine our earliest ancestors and relatives and the diversity of modern humans. Topics include theory of evolution, genetics, primate anatomy, fossil record, biological adaptation, human physical variation and reproductive ecology.

At the conclusion of Anthropology& 205 you should be able to:

1. To demonstrate an understanding of the historical contexts and consequences of natural science and social science concepts developed for and directed at a holistic and comparative approach to human behavior.
2. To recognize, identify and use the scientific method, in particular the principles of biocultural evolution, and to distinguish coherent arguments based on such principles from other claims.
3. To show knowledge of the general elementary principles of molecular, Mendelian and population genetics and their synthesis with evolutionary explanation.
4. To apply contemporary concepts in human biocultural variation, and distinguish such approaches from older paradigmatic formulations.
5. To recognize behaviors found throughout the primate order with particular attention to the social ecology of primate behavior.
6. To compare the gross anatomy of modern hominids and non-human primates and gain knowledge of their taxonomic classification.
7. To demonstrate detailed paleoanthropological knowledge of fossil hominoids and hominids, enabling the contrast, comparison and construction of hypothetical phylogenetic interpretations of hominid lineages and the selective evaluation of competing theories of hominization.

General Education Rating

Critical Thinking, Creativity, and Problem Solving:	3
Quantitative and Logical reasoning:	1
Ethics:	1
Historical and Intellectual Perspectives:	1
Cultural Diversity:	1
The Nature of Science:	3
Science & the Natural World:	2

Student Responsibilities

To make the most out of the educational opportunities in this class, you need to take an active and energetic role in your own learning process. Success can best be achieved by completing the following student responsibilities.

- Complete all reading assignments before class on the day assigned.

- Participate actively in each discussion activity. We cannot reproduce a classroom level discussion. No makeup discussions are available. In this sense absences will have a negative impact on your grade.
- All materials **MUST** be turned in by the end of the final exam period to be counted. No late work will be accepted unless arrangements with the professor have been made.
- Take advantage of extra credit opportunities.
- Use the instructor's office hours for questions.

Textbook and readings

ESSENTIALS OF PHYSICAL ANTHROPOLOGY

Jurmain, Kilgore and Travathan

Ninth Edition

ISBN:9780840032591

Evaluation

Student evaluation centers upon successful mastery of the course content. Final grades will be based upon the following set of assignments and point distributions.

- Attendance: 150 pts.
- Tutorial submissions: 100 pts.
- Discussion (2 x 25 pts. each): 50 pts.
- Experience labs (2 x 50 pts. each): 100 pts.
- Exams (2 @ 125 pts. each): 250 pts.

Attendance

Being that this is an online course you are expected to sign on to Black Board Vista at least 5 times per week. Each week is graded "all or nothing" if you log in 5 times you will get full credit, if you log in fewer than 5 time you will get no credit for that week. The **first day of the online week is Tuesday at 8:00am and the Last day is Monday at 5:00pm**. This means that every Tuesday the count of your online logins starts again. Logins can include just checking messages to completing an assignments or quiz. It is important to check in often, so you do not miss out on any announcements. Your participation points will be derived from your online activity.

Tutorials and Quizzes

A number of on-line tutorials are assigned. These tutorials will supplement and support the lecture materials and textbook. You are expected to complete these tutorials when assigned.

At the end of each tutorial, there is a quiz that you must take. You will then copy your two favorite multiple choice quiz questions and all possible answers (with correct answer indicated by *) for the week's tutorial (only 2 questions / week) into an email on BlackBoard and send it to me by the end of the on-line week (Monday at 5:00pm). Each time you send me 2 questions from the week's assignment, you receive 5 points for a maximum of 50 points. (Do not send a Word doc. Please type your questions into a mail message.)

The subject heading for these emails will be as follows:

Your name – "Tutorial" – week # = **Tony Tessandori – Tutorial – Week 3**

To access the online tutorials, click on the links on found on each week's overview page.

Sample multiple choice question format:

1. The person credited with the idea of natural selection is
A. Charles Darwin B. Alfred Russel Wallace C. Gregor Mendel. *D. both A and B.

Discussions

A major part of the learning in this class comes from the exchange of ideas. This will occur in the form of discussions about relevant topics. Starting in the second week each of you will take part in a discussion on a topic I will provide. There will usually be a reading that will tie the discussion to the week's material. There are two steps to the discussion:

Step 1: Each student is to post a commentary (your thoughts about the article and the questions provided), this must occur before **Thursday at 12:00pm**.

After this each student is to comment on the postings of two other students, this stage of the discussion will begin on **Thursday at 12:01pm**. **You are not allowed to comment on other students posting before Thursday at 12:01pm**. Any early posted will not count for points. All comments must be posed before following **Monday at 5:00pm**.

This is when the grading will occur. Each posting (both the commentary and the replies must be thoughtful, respectful, substantive and constructive. A simple "I agree" or "I disagree" will not work. Each post should be about 100 words.

KEEP IN MIND THE DISCUSSIONS ARE WORTH 25 POINTS EACH. TAKE THEM SERIOUSE.

If you miss a discussion you cannot make it up. I will close each discussion for about a week after it has concluded so people won't get confused as to which discussion we are on.

Experience labs

This quarter you will be completing three experience labs. These will be conducted by you, where ever you are. You will not have to come into campus to take part. These will help you get a sense of how science feels. They are meant to be fun and informative. They will also tie several pieces of this class together. More detailed information will follow.

If you miss a lab assignment you cannot make it up.

There will also be one extra credit lab that you can do. It will take a little extra work but I think it will be fun for you. It will be worth 50 points.

Exams

There will be two non-cumulative exams. Each will cover material from the preceding section of the course. They will be made of 50 multiple-choice and true/false. The final exam **may** have a cumulative essay portion. *No makeup exams will be available without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.).*

Grading Scale

Your final grade will be based upon the accumulation of points using the table below.

Grade & Percentage	Point Value		
A = 92-100%	(598-650 pts)	C+ = 78 - 79%	(507 -519 pts)
A- = 90-91%	(585-597 pts)	C = 72-77%	(468-506 pts)
B+ = 88-89%	(572-584 pts)	C- = 70-71%	(455-467 pts)
B = 82-87%	(533-571 pts)	D+ = 68-69%	(442-454 pts)
B- = 80-81%	(520-532 pts)	D = 50%-67%	(325-441 pts)
		F = <50%	(<325 pts)

Academic Integrity and Safe Zone

Cheating and plagiarism will not be accepted. Proper citation of ideas, concepts and quotes that are not your own is required. Cheating and plagiarism will result in a zero score on that assignment and will be reported to BC administration.

This class is designed to explore and discuss controversial issues. Sometimes these issues evoke emotional or personal repossess. It is important for students to be able to speak their minds without worrying about ridicule, demeaning remarks, or hurtful statements. Any occurrences of such comments will be dealt with immediately.

Schedule:

The schedule below indicates due dates for assignments and associated tutorials and readings. Penalty for late submissions of written assignments is 10% per day late.

WEEK	Readings	Activities	Lectures	Tutorials
Week 1 6/25 – 7/2	Ch. 1 and 2	Getting Started	Introduction History of Evolutionary Thought Natural Selection	Early Theories of Evolution Basic Principles of Genetics
Week 2 7/3 – 7/9	Ch. 3 and 4	Discussion 1	Heredity & Evolution Genetics	Biological Basis of Heredity Human Chromosomal Abnormalities Understanding DNA electrophoresis
Week 3 7/10 – 7/16	Ch. 5	M&M Lab	Macroevolution Forces of Evolution	Synthetic Theory of Evolution Classification of Living Things
Week 4 7/17 – 7/23	Ch. 6 and 7		Exam #1 (7/19 – 7/23) Living Primates Primate Locomotion	Primates Primate Behavior
Week 5 7/24 – 7/30	Ch. 8	Primate Personals	Fossil Primates	Record of Time Early Primate Evolution
Week 6 7/31 – 8/6	Ch. 9, 10 and 11	Discussion 2	Hominid Record Modern Humans	Early Hominid Evolution Early Human Evolution Evolution of Modern Humans
Week 7 8/7 – 8/9	Ch.12		Human Adaptation	Modern Human Variation Human Biological Adaptability
Final 8/7 – 8/9	The final will open on 8/3 at 8:00am and will close on 8/9 at 5:00pm			

WHAT COURSES IN ANTHROPOLOGY ARE OFFERED AT BC?

There is a general introductory class (Survey of Anthropology) which highlights all four sub-disciplines of anthropology. BC offers in-depth courses in Anthropology which I encourage you to take: archaeology (Great Discoveries in Archaeology; Archaeology; Ancient North America; Incas & Their Ancestors; Aztecs, Mayas, & Their Ancestors), biological anthropology (Biological Anthropology; Bioanthropology with Lab; Cross-cultural Medicine; Forensic Anthropology), cultural anthropology (Food, Drink, & Culture; American Life & Culture; Cultural Anthropology; Sex, Gender, & Culture; Environment & Culture; REEL Culture; Religion & Culture) and linguistics (Language, Culture, & Society). Check BC's Course Catalogue for a full description of each course. We will also be offering several special topics courses spanning the discipline. Topics may include Primatology, Experimental Archaeology, Anthropology of Immigration and Scandinavian Culture. There are no prerequisites for any of these courses and they fulfill degree requirements. Different formats (on campus, on-line, hybrid) are offered. Stop by and visit the Social Science Advisor, Deanne Eschbach, in Room D110, for free professional planning and advising, or contact Anthropology Prof. Tony Tessandori (tony.tessandori@bellevuecollege.edu) to learn more about majoring in anthropology.

WHAT COURSES ARE WE OFFERING FOR Fall 2012 (Tentative Schedule)

		Fall	
		On campus	Online
ANTH& 100	Survey of Anthropology	X	X
ANTH 180	American Life and Culture	X	X
ANTH 197	Ancient Egypt: Temples, Tombs and Tut	X	
ANTH& 204	Archaeology*		X
ANTH& 205	Biological Anthropology+		X
ANTH& 206	Cultural Anthropology*	X	X
ANTH 208	Language, Culture and ,Society*	X	X

ANTH 212	Aztecs, Mayas & Their Ancestors	X	
ANTH& 215	Biological Anthropology w/Lab	X	X
ANTH& 234	Religion & Culture	X	X
ANTH 220	Sex, Gender and Culture	X	
ANTH& 236	Forensic Anthropology	X	

(* denotes required courses for the Academic Concentration in Anthropology)

(+ denotes a choice between two courses for the Academic Concentration in Anthropology)

WOULD YOU LIKE TO JOIN THE SOCIETY of STUDENT ANTHROPOLOGISTS at BELLEVUE COLLEGE?

Anthropologists can and do study just about anything. In our classes, you will learn about some of the usual topics...Join the club and find out about the other stuff. The SOCIETY of STUDENT ANTHROPOLOGISTS at BELLEVUE COLLEGE mission is to explore topics that other groups do not cover. You can expect to investigate topics from Bigfoot to indigenous hunting techniques and everything else in between. We also continually contribute to a Heifer International Fund. Please contact Anthropology Professor Tony Tessandori, club advisor, if you are interested in joining other budding anthropologists in their pursuit of understanding humanity. (tony.tessandori@bellevuecollege.edu) ALSO see our Facebook page [Society of Student Anthropologists at BC](https://www.facebook.com/SocietyofStudentAnthropologistsatBC).

ARE YOU INTERESTED IN EARNING A CONCENTRATION IN ANTHROPOLOGY, ALONG WITH YOUR DEGREE?

In addition to earning an AAS degree, you can take 20 credits of required courses to earn a concentration in Anthropology. These four courses provide the basic foundation of Anthropology and represent the 4-field approach of American Anthropology. All of them are be offered on campus and on-line.

ANTH& 204 – Archaeology (5 credits of Social Science)

ANTH 208 – Language, Culture, & Society (5 credits of Humanities or Social Science)

ANTH& 206 – Cultural Anthropology (5 credits of Social Science)

ANTH& 215 – Bioanthropology with Lab (6 credit of Lab Science) **or** ANTH& 205 – Biological Anthropology (5 credit of natural science)

Message from the chair

The Anthropology Department consists of a group of dedicated educators. We all want our students to learn and grow as they progress through their educations. We all are passionate about our fields of study and believe that what we have to say is important. We all feel that it is important that you come to class and take part in the learning process. We also know that life happens outside of our classrooms and missing class is sometime unavoidable. In order for all of us to work together an open dialog between students and instructors is key. Most often an understanding can be reached when outside situation arise. If at any time during the quarter you find that you are having concerns with the way a situation is being handled there are some steps to be followed. First you should talk direct to the instructor ask for clarification or further explanation. If you feel you are not getting the results you require, contact me (Anthony Tessandori, Department Chair) at tony.tessandori@bellevuecollege.edu. I will do what I can to help resolve any issues. If I am unable to help alleviate your concerns, you should contact the Interim Dean of Social Science (Virginia Bridwell) at Virginia.bridwell@bellevuecollege.edu

I look forward to the coming quarter and I hope to speak to each of you about the possibilities anthropology has to offer.

Have a great quarter

Tony Tessandori

Anthropology Paper Usage Policy

In an attempt to conserve resources the Anthropology Department has implemented a paper use reduction policy. We will use MyBC to post materials required for class (i.e. readings, activities, the complete syllabus...). When necessary we will make copies for class, but this will be when posting is not an option. You are not expected to print all materials. When we think it would be beneficial to print materials we will inform you of this. but will not require it. We know that it is not always convenient and understand that we all must make changes to attain a sustainable life style.

EXPLORE THE LMC! The Library Media Center is at your fingertips! I *strongly* encourage you to visit the LMC at least this quarter, but you can also access it via the web. Talk to a Reference Librarian at the Library (D-126), by calling (425) 564-6161, or by email: reference@bellevuecollege.edu.

- **Main Library Media Center:** <http://bellevuecollege.edu/lmc/>
- **For the LMC online catalog:** <http://bellevuecollege.edu/lmc/catalogs.html>
- **For article databases:** <http://bellevuecollege.edu/lmc/periodicals.html>

For all of your written work: Submit proofread work **only**. Work not proofread will be returned **once** for a rewrite, expected to be handed in within 48 hours. If you need help with your writing, please make use of the following student support services:

- Academic Success Center: <http://bellevuecollege.edu/academicsuccess/>
- Academic Tutoring Center: <http://bellevuecollege.edu/tutoring/>
- TRiO Student Support Services: <http://bellevuecollege.edu/TRiO/>
- Writing Lab @ BCC: <http://bellevuecollege.edu/writinglab/>

The MyBC website for this class: got to www.bellevuecollege.edu.

Click on MyBC link at the top of the page. Sign in and click on Class website link. There you will find course documents – which is where you will find the needed materials for this class.

Preventing Plagiarism: Plagiarism is a form of academic dishonesty occurring when students use information or material from outside sources and do not properly cites those sources. This is grounds for disciplinary action. It is your responsibility to understand plagiarism and its consequences. Plagiarism occurs if:

- a. You do not cite quotations and/or attribute borrowed ideas.
- b. You fail to enclose borrowed language in quotation marks.
- c. You do not write summaries and paraphrases in his/her own words and/or doesn't document his/her source.
- d. You turn in work created by another person.
- e. You submit or use your own prior work for a current or past course, or work from one current course in another course *without express permission* from your professors. This may also be considered academic dishonesty.
- f. Consequences: If it is determined that you have plagiarized or engaged in other forms of academic dishonesty, you will likely fail the assignment and possibly the course, despite points earned through other work. Acts of academic dishonesty are reviewed for disciplinary action.

PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION Spring 2012

Cheating, Stealing and Plagiarizing*

Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Dean of Student Services.

Incomplete

If a student fails to complete all the required work for a course, an instructor may assign the grade of Incomplete ("I"). The student must complete the coursework by the end of the next quarter, or receive the assigned letter grade (usually an "F").

F Grade

Students who fail a course will receive a letter grade of "F."

Final Examination Schedule

The Social Science Division will adhere to the final examination schedule as stated in the BC Schedule. Final examinations will be held at the end of each quarter at fixed times. Instructors will not give examinations in advance of the regular schedule. A student who is absent from any examination held at any time during the quarter may forfeit the right to make up the examination. If, for illness or some other circumstance beyond the student's control, the student is unable to be present at any scheduled examination and has contacted the instructor on a timely basis, the student may be permitted to take such examination at a time designated by the instructor.

Withdrawal From Class

College policy states that students must formally withdraw from a class by the end of the seventh week of the quarter (Registration Office, B125). If a student has not withdrawn by that date, an appropriate letter grade will be assigned for the course.

Hardship Withdrawal

Instructors may assign the grade of "HW" (hardship withdrawal) at their discretion in the event that a student cannot complete the coursework due to extreme and exceptional circumstances. Students may also contact the Enrollment Services office BEFORE grades are assigned in cases of hardship.

Students Who Require Disability Accommodations:

Students with disabilities who have accommodation needs are encouraged to meet with the Disability Resource Centre (DRC) office located in B132 (telephone 425.564.2498 or TTY 425.564.4110), to establish their eligibility for accommodation. The DRC office will provide each eligible student with an accommodation letter. Students who require accommodation in class should review the DRC accommodation letter with each instructor during the first week of the quarter.

Students with mobility challenges who may need assistance in case of an emergency situation or evacuation should register with Disability Resource Centre, and review those needs with the instructor as well.

Distribution of Grades

Grades will not be posted in the Social Science Division or in faculty offices, and secretaries will not give out grades. Students should access their grades through the BC Web site.

Return of Papers and Tests

Paper and/or Scantron score sheet returns will be arranged in the following ways ONLY: by mail, if student supplies the instructor with stamped, self-addressed envelope (with appropriate postage); or by the instructor designating a time and place whereby the student may retrieve his/her papers. Unclaimed papers and/or Scantron score sheets must be kept by the instructor for a minimum of sixty (60) instructional days following the end of the quarter.

**If you are accused of cheating, stealing exams and/or plagiarism, there is a Bellevue College Student Discipline and Appeals Procedure (the right to due process) which you may pursue. Contact the office of Division Chair (D110), the Dean of Student Services (B231A) or the Associated Student Body (C212) for information regarding the appeals process.*