QC Fall 2023 M-W syllabus

Essentials Of Biological Anthropology (Queens College CUNY)



Scan to open on Studocu

Studocu is not sponsored or endorsed by any college or university
Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)

Anthropology 102 (Introduction to Human Evolution)
Mon/Wed, section 008, course code 32209
Anthropology
8/25/2023-12/20/2023
3 Credit Hours

Instructor Information

Anthony Pagano
anthony.pagano@yahoo.com
516-924-0019

Office hours

Mondays 12:30-1:30
Powdermaker Hall, Room 314
Zoom Meeting link: https://hmhn.zoom.us/j/3160431385
Meeting ID: 316 043 1385

Course Information

Course site is on Blackboard

Course description

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation. No prerequisites.

Credit hours: 3

Course Requirements: Internet access to watch recorded lectures and a Blackboard account to access course materials and take exams

Course Goals/Objectives:

To position biological anthropology and evolutionary biology within the liberal arts and society at large, using human evolution as a central theme. This course illustrates how core biological concepts relate to our understanding of the origins of our species, as well as exposing the connections between humans and non-human primates. Throughout the course there will be an emphasis on the ways in which scientists learn about human evolution and the significance of human evolution for understanding humans today.

Learning Objectives

1. To introduce students to the scientific method and how scientists investigate the natural world.

2. To introduce students to the biological basis of life, the basics of cell biology and molecular genetics, Mendelian genetics, population genetics, systematics, primate behavior, and the human fossil record.

This document is available on studocu
Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)

3. To reveal the existence and importance of biological change through time, through the processes of natural selection, mutation, gene flow, and genetic drift. The course also examines the fossil and archeological records as direct sources of evidence of biological change.

4. To illuminate diversity and illustrate how the forces of evolution have shaped biological variation in modern humans, in features such as stature and body proportions and pigmentation.

Books, materials, tools, and accounts

Books and Materials: Our Origins (eBook downloadable on Blackboard)

COURSE LAYOUT
(note that Lectures 1, 9, and 13 have supplementary videos)

Session	Reading	Lecture Link
Exam 1 Material:		
Course Introduction	Syllabus	https://youtu.be/YWgRfp129NU
1. Introduction to Biological Anthropology & Scientific Method: **8/28**	**Chap 1**	https://youtu.be/d5nAYH9e2WE
-How Stuff Works Video		https://youtu.be/_Uc33wkBpds
-Darwin Video		https://youtu.be/yLKt0R_2p1U
2. History of Evolutionary Thought: **8/30**	**Chap 2: 23-37**	https://youtu.be/jgpM89vrcxM
3. Mendel and the Principles of Genetic Inheritance: **9/6**	**Chap 2: 37-51**	https://youtu.be/dOadFH9d-hE
4. Cells, Chromosomes and Molecular Genetics I: **9/11**	**Chap 3**	https://youtu.be/1v_OLim5VgU (Sessions 4 and 5 are covered in a single lecture)
5. Cells, Chromosomes and Molecular Genetics II: **9/13**	**Chap 3**	
6. Genes and their evolution, forces of evolution: **9/18**	**Chap 4**	https://youtu.be/C07flaq8-cM
7. Population Genetics: **9/20**	**Chap 4**	https://youtu.be/-ixY5WY7yFo
8. Human Biology: Race Concept, Principles of Life History: **9/25**	**Chap 5**	https://youtu.be/k2go2D-1g6s
9. Human Adaptation: **9/27**	**Chap 5**	https://youtu.be/zpox3m7AEXM
-Russian Tame Foxes		https://youtu.be/I0TpHsDg6j4
10/2 - Review		
10/4 – Exam 1		
Exam 2 Material		
10. Macroevolution and Systematics: **10/9**	**Chap 6**	https://youtu.be/F_Ybkrwm4NI
Class canceled on 10/10		
11. Characteristics of Living Primates: **10/11**	**Chap 6**	(Sessions 10 and 11 are covered in a single lecture)
12. Primate Behavior I: **10/16**	**Chap 7**	https://youtu.be/7442T5d41tI
13. Primate Behavior II: **10/18**	**Chap 7**	(Sessions 12 and 13 are covered in a single lecture)

Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)

-Chimpanzee Cognition Clips		https://youtu.be/7JIrxPlwaRo
-Kanzi Clips		https://www.youtube.com/watch?v=2Dhc2zePJFE
14. Primate Models for Human Behavioral Evolution: **10/23**	**Chap 7**	https://youtu.be/rWKQEN9sj2c (Sessions 14 and 15 are covered in a single lecture)
15. Geology, Dating, Paleontology, Origin of Mammals: **10/25**	**Chap 8**	
16. Primate Origins and Evolution: **10/30**	**Chap 9**	https://youtu.be/AYFUReTb_UI
11/1 - Review		
11/6 – Exam 2		

Exam 3 Material

17. The Earliest Hominins I: **11/8**	**Chap 10**	https://youtu.be/OrsRhptOBv8
Class canceled on 11/13		
18. The Earliest Hominins II: **11/15**	**Chap 10**	(Sessions 17 and 18 are covered in a single lecture)
19. Origins of early *Homo*: **11/20**	**Chap 11**	https://youtu.be/uphzUNx8oXE
Class canceled on 11/22		
20. *Homo erectus*: **11/27**	**Chap 11**	https://youtu.be/8hhQJtyiCG0
21. *Homo heidelbergensis*: **11/29**	**Chap 12**	(Sessions 20 and 21 are covered in a single lecture)
22. *Homo neanderthalensis*: **12/4**	**Chap 12**	https://youtu.be/sHmoNjNmwr4
23. The Origins and Dispersal of *H. sapiens*: **12/6**	**Chap 12**	(Sessions 22 and 23 are covered in a single lecture)
12/11, 12/13 - Review		
Exam 3 Date: TBA		

Required tools and accounts

Access to the course Blackboard page for class materials and exams

Technical Support

Email Helpdesk@qc.cuny.edu, or call the Student Support Hotline (718-997-3000).

Assessment

The course grade will be determined by three, equally weighted multiple-choice exams.

The official Queens College grading scale will be used in this class:

Grade	Percentage	Grade Scale Equivalent
A+	97-100	4.0
A	93-96	4.0
A-	90-92	3.7
B+	87-89	3.3

This document is available on studocu

Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)

B	83-86	3.0
B-	80-82	2.7
C+	77-79	2.3
C	73-76	2.0
C-	70-72	1.7
D+	67-69	1.3
D	60-66	1.0 (Grade of D is the lowest passing grade in the undergraduate division)
F	0-59	0.0
W		Withdrew, official (does not affect GPA)
WN		Never attended, never withdrew (does not affect GPA)
WD		Dropped course in the 2nd/3rd week of semester (does not affect GPA)
WU	0	0.0 Stopped attending, never withdrew (failing grade)
INC		Incomplete, is a temporary grade requested by student, but assigned by the faculty at his/her discretion.
FIN	0	0.0 Failed incomplete, grade assigned when INC is not resolved by the following semester (failing grade)
P (Pass)		Grade of A+ through D earned in a course for which student elected the P/NC option (does not affect GPA)
NC (No Credit)		Grade of F earned in course for which student elected the P/NC option or when first semester freshmen fail a class (does not affect GPA)

Reasonable Accommodations For Students With Disabilities

Students with disabilities needing academic accommodation should register with the Special Services Office by emailing QC.SPSV@qc.cuny.edu.

For more information about services available to Queens College students, visit the Office of Special Services website:
https://www.qc.cuny.edu/studentlife/services/specialserv/Pages/default.aspx

CUNY Policy On Academic Integrity

Academic Dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension, and expulsion as provided at https://www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/academic-integrity-policy/. Please read this document, paying careful attention to the sections on plagiarism and Internet plagiarism. If you are not sure how to cite work you have found on the internet, please review the APA Guidelines provided by the Purdue OWL (https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/reference_list_electronic_sources.html).

Netiquette

Please maintain a professional demeanor when posting online. You can be respectful even when you have a difference of opinion. Treat others as you wouldd want to be treated yourself. Don't type in all caps, as that is the online equivalent of shouting. If you need to emphasize a word or phrase, use italics.

Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)

Statement on student wellness

As a student, you may experience a range of challenges that can interfere with learning, such as strained relationships, increased anxiety, substance use, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may diminish your academic performance and/or reduce your ability to participate in daily activities. QC services are available free of charge. You can learn more about confidential mental health services available on campus at: https://www.qc.cuny.edu/StudentLife/services/counseling/counseling/

Use of Student Work

All programs in New York State undergo periodic reviews by accreditation agencies. For these purposes, samples of student work are occasionally made available to those professionals conducting the review. Anonymity is assured under these circumstances. If you do not wish to have your work made available for these purposes, please let the professor know before the start of the second class. Your cooperation is greatly appreciated.

Course Evaluations [for Fall and Spring semesters only]

During the final four weeks of the semester, you will be asked to complete an evaluation for this course by filling out an online questionnaire. Please remember to participate in these course evaluations. Your comments are highly valued, and these evaluations are an important service to fellow students and to the institution, since your responses will be pooled with those of other students and made available online, at the Teaching Evaluations Data: Spring 2010 – Present (http://ctl.qc.cuny.edu/evaluations/data/). All responses are completely anonymous; no identifying information is retained once the evaluation has been submitted.

For help, please email me at anthony.pagano@yahoo.com or come visit me during my office hours (see above).

For the most up to date information and activities, always refer to this document and the course Blackboard site.

As the instructor, I can make changes to the syllabus. In the event that this happens, students will be notified in writing of such changes. These will come in the form of Blackboard announcements AND email notifications to the class.

This document is available on studocu

Downloaded by Caleb Llewellyn (calebllewellyn@icloud.com)