

Syllabus - Part I: Course Information
Anthropology 201: Evolution of Human Behavior (01:070:201)
3 Credit Hours

M W 2:15 pm - 3:35 pm, HCK-138

Course website available through <https://sakai.rutgers.edu/portal>

INSTRUCTOR: Dr. Frank R. Batiste

Teaching Assistant: Melissa Boyd

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This syllabus is in two parts. **Part I** contains important information about the course, including the course description and goals, the Sakai website, the grading system, attendance and other classroom policies, including the policy on cheating and plagiarism. Read Part I carefully and consult it whenever you have questions about the course.

Part II is a detailed list of the lecture topics and readings, arranged by date. Part II may be revised over the course of the semester. You will be notified by e-mail whenever an updated version is posted on the course Sakai site.

COURSE DESCRIPTION & GOALS OF THE COURSE

This course is an introduction to social evolution, or the evolutionary biological study of human behavior. We will focus on social behaviors that have fitness consequences--behaviors that affect survival and reproductive success for both the individual performing them and for others. By the end of the course, you will gain an understanding of the following:

- Evolutionary theory, the levels of selection debate, phylogeny and adaptation, levels of explanation, the naturalistic fallacy [EA1*]
- Sexual selection and mate choice [EA1]
- Parenting in evolutionary perspective (parent-offspring conflict, parental investment) [EA1]
- Theories of cooperation (inclusive fitness, direct reciprocity, indirect reciprocity) [EA1]
- Coordination problems [EA1]

¹

* See <http://anthro.rutgers.edu/undergrad-program/departments-learning-goals>

- Cultural learning as an adaptation [EA1]
 - The role of Theory of Mind in cooperation, culture, religion, and morality
 - Application of these theories to human behavior in laboratory and field settings [EA1]
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Core Curriculum Goals: Natural Sciences [NS]

- Understand and apply basic principles and concepts in the physical or biological sciences.
 - Identify and critically assess ethical and societal issues in science.
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SAKAI SITE

Much of the material you will need for the course is available on Sakai, one of the electronic course platforms offered by Rutgers. To access, go to <https://sakai.rutgers.edu/>. You will need your Rutgers NetID and password to log in. Once you are logged in you should see a tab at the top of the page that says “**Evo Hum Beh – Spring 2017**”. If that tab is not visible, click on “My Active Sites.” If you do not see it there either, call the Sakai Help Line (848-445-8721) or email sakai@rutgers.edu for assistance.

When you get to the **Evo Hum Beh - Spring 2017** page, there will be a column on the left with a number of tabs. Much of the information and material you will need in the course can be found by clicking on the **Resources** tab. Be sure to read the **FAQ** document found there for general information about succeeding in this course.

REQUIRED TEXTS & MATERIALS

1. Buss, David. 2011. *Evolutionary Psychology: The New Science of the Mind*. 5th ed. Pearson.
2. Other required and recommended readings are available on the course Sakai site in the **Resources** tab as PDF documents or links. During the semester, additional readings may be assigned. These will also be made available in the **Resources** tab.
3. An i>Clicker student remote: Either the i>Clicker or i>Clicker+ are sufficient. You will not need the newer (and more expensive) i>Clicker 2, though it can also be used. Please note, however, ***the web-based i>Clicker GO cannot be used in this course.***

GRADING AND ASSESSMENT

Your course grade will be determined by your performance on the following four components:

1. **Midterm Exam** (Wednesday, March 8): The Midterm exam will be held in our regular lecture room, Hickman 138, at our regular lecture time, 2:15 – 3:35. This will be a "Scantron" type exam and will consist of a variety of objective questions (e.g., multiple

choice, matching, true/false, problem solving, etc.). It will test your substantive knowledge of the class material including lectures, readings, and other assigned material.

2. **Final Exam** (Tuesday, May 9): The Final Exam will be held in our regular lecture room, Hickman 138, 12:00 pm - 3:00 pm. The format will be the same as the Midterm. The final exam is not cumulative. However, the material in this course is structured so that there is a continuous building of knowledge and information throughout the semester. I will not test you on specific details about material presented during the first half of the semester, but I do expect you to have retained a basic understanding of the principles of evolutionary theory and be able to apply them as needed.

Important Notes on Exams:

- On exam days, you are required to bring your student ID and a pencil.
- To pass the course both exams must be taken.
- Absolutely no cheating will be tolerated. See Academic Integrity section below.
- **No make-up exams will be given to accommodate your vacation travel plans. If your travel plans make it impossible for you to take the Midterm or the Final, you should DROP THE COURSE.**

3. **Essay** [EA2 & EA4*] (Due at noon, Wednesday, April 26 on Sakai): Visit www.dmoz.org/Science/Social_Sciences/Psychology/Tests_and_Testing/Online_Experiments. Select one or more of the provided links and participate in at least one of the studies listed. Next, write a 4-5 page essay (excluding cover page, references, and any other supplementary material) describing the study or studies in which you participated and relating them to the lecture material readings. This may be easier to do for some of the studies than for others; keep this in mind as you choose your studies.

You can find further formatting/submission instructions and grading criteria included with the assignment description on Sakai, under the **Assignments** tab.

4. **In-Lecture i>Clicker Quizzes: *Beginning Monday, February 6, there will be two i>Clicker quizzes in each lecture.*** The first quiz will take place about 5 minutes after the beginning of the lecture; the second will take place at the end of the lecture. Each quiz will consist of three multiple choice questions about the readings and/or material covered in recent lectures. You will receive 1 point for every question you answer, whether or not your answer is correct. If your answer is correct, you will receive 2 additional points per question for a maximum of 18 points per lecture (6 questions, 3 points each). In computing your final quiz score, your 4 lowest-scoring days will be dropped.

Important Notes on i>Clickers & i>Clicker Quizzes

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* See <http://anthro.rutgers.edu/undergrad-program/departments-learning-goals>

- Since i>Clicker quizzes will be an important part of your grade, ***you must obtain and register an i>Clicker***. You can purchase one at campus area bookstores or online. If you wait too long to order one from an online vendor, you may not receive it in time.
- If you come to class on February 6 (or on any other class day) without your Clicker, if your Clicker has dead batteries, or your clicker does not work for any other reason, your quiz grade for that day will be ZERO.

In computing your course grade, the four items above will be weighted equally:

<i>Component</i>	<i>% of Final Grade</i>
Midterm Exam	25%
Final Exam	25%
Essay	25%
i>Clicker Quizzes	25%
<i>Total</i>	<i>100%</i>

I will assign final grades according to the standard Rutgers cut-offs (A = 90-100%, B+ = 88-89%, B = 80-87%, C+ = 78-79%, C = 70-77%, D = 60-69%, F = 59% and below). Grades will not be curved. Requests for higher grades after grades have been assigned will be denied except in the case of genuine errors in computing/assigning grades.

Extra Credit: You can earn extra credit by attending approved outside University-sponsored lectures and writing one-page thesis and significance statements about them. You may attend a total of 2 such lectures and earn up to 2.5 points per lecture, for a maximum of 5 points of total extra credit added to your final course grade. Details are available in the **Assignments** tab.

ACADEMIC INTEGRITY

All students must strictly adhere to the Rutgers Academic Integrity Policy. This policy identifies and defines violations including cheating, fabrication, facilitating academic dishonesty, plagiarism, and denying others access to information or material. For further information, including definitions of each of these violations and consequences of violating the Academic Integrity Policy, go to <http://academicintegrity.rutgers.edu/>.

You are responsible for knowing what constitutes plagiarism and academic dishonesty.

The policy on cheating and plagiarism in this course is very simple: ***If you cheat or plagiarize you will receive a disciplinary F in the course and you will be reported to the Office of Student Conduct.*** There are no exceptions to this policy.

Since i>Clicker quizzes determine a substantial part of your grade in this course, at the end of a lecture I may randomly select 10-15 names and ask those students to present a photo ID before leaving the lecture room. If you are not present and your i>Clicker has been used during the class, you will fail the course and be reported to the university authorities.

ATTENDANCE

Your regular and timely class attendance is expected. You will only succeed in this course if you come prepared to lecture, pay attention and participate in class. It is extremely important that you attend lectures since we will discuss and interpret information, concepts, and specific examples from the readings. In addition, **not all material we cover in class will come directly from the text.** You will be responsible for this information on the midterm and final exams.

While there is no formal attendance requirement in this course, remember that there are two i>Clicker quizzes each class (see above). If you miss class, your quiz grade for that day will be zero. If you have not done the day's reading, you should still attend the lecture and take the quizzes--you will still get one point for each question you answer, even if your answer is wrong.

At the end of the semester, your four lowest combined daily quiz grade scores will be dropped before computing your quiz grade for the term. In effect, you will have four automatically excused absences. Consider them as "free passes."

If you expect to miss one or two lectures, please use the Rutgers absence reporting system <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. You must do so prior to your absence; retroactive notifications are not acceptable. I automatically receive an email when you use this system. Do not email me about absences outside of this system.

If you have a legitimate excuse for missing a lecture (e.g., a documented medical excuse, family emergency, or religious holiday), report your absence as above. In addition, follow proper procedures for reporting your absence to your advising dean. If you have more than four excused absences at the end of the term, you will be expected to use your free passes for the first four. **Free passes will be applied to excused absences before unexcused absences.** Quiz grades for additional excused absences will be dropped before computing your quiz grade for the term.

Late arrival or early departure without prior permission is considered an unexcused absence.

LATE / MISSED WORK

i>Clicker Quizzes: There is no make up for missed quizzes.

Essays: Papers must be submitted electronically to Sakai no later than 12:00 pm (**noon**) on the assigned due date. Late papers will be only be accepted under very unusual circumstances and with a valid excuse, which must be documented in writing by an appropriate authority and reported to your advising dean. The occurrence of such unusual circumstances must be brought to my attention within 48 hours of the missed deadline.

Exams: No make-up exams will be given except under very unusual circumstances and with a valid excuse, which must be documented in writing by an appropriate authority and reported to your advising dean. Since a missed exam also involves a missed class period, you must use the absence reporting system (<https://sims.rutgers.edu/ssra/>) to provide notification of any special circumstances. In addition, contact me via email within 48 hours of any missed exam.

CLASSROOM ETIQUETTE

During class, I expected you to give me your full attention. I expect you to arrive on time and stay for the entire lecture. I expect you to act with courtesy in lecture. Behave respectfully to your instructor, teaching assistant, guest lecturers, other students. Address your instructor and guest lecturers by their appropriate titles and names.

Reading, working on other non-course related material, talking, sleeping, eating, cell phone use (including texting), browsing the web, playing games/cards, wearing headphones/listening to music, arriving late, leaving early, packing up to leave before dismissal are all inappropriate classroom behaviors and will not be tolerated.

It is disruptive when students arrive late to class or leave early. If you come to class late, be sure to enter quietly and take care not to disturb the class in progress. If you know before coming to class that you will need to leave early, let me know before class begins, sit close a door, and leave quietly and unobtrusively.

Be prepared to discuss, ask, and answer questions. When you ask questions, remember to be respectful of everyone concerned: not only your classmates, the instructor, and teaching assistant, but also the researchers who conducted the studies being discussed, the subjects who participated in the studies, and so on. This is especially important in our class, since many of the topics we cover are sensitive, and it can be easy to offend when discussing them, even unintentionally. Intentionally disrespectful/uncivil questions or comments are inappropriate classroom behaviors and will not be tolerated.

See the **Policies on Behavior in the Classroom** document under the **Resources** tab of the course Sakai site for important additional information on expectations and consequences for failing to conform to classroom etiquette.

USE OF LAPTOPS

You are permitted to use your laptops/tablets for the purpose of taking lecture notes only. Checking email, Facebook, and all other non-course related online or offline uses are prohibited.

IMPORTANT NOTE ABOUT EMAIL

You will receive frequent emails about the course. These emails can only be sent to your official Rutgers email address, so you should be sure to monitor that account frequently. If you usually use a non-Rutgers email account you should arrange to have your Rutgers email forwarded to the account you usually use.

Syllabus - Part II: Topics and Readings

Anthropology 204: Evolution of Human Behavior (01:070:201)

Date	Topics	Assigned Reading / Recommended Reading / Notes/Due Dates
18-Jan	1. Introduction to the Course Overview of the Syllabus Introduction to the Topics	Syllabus Parts 1 & 2 Anthro 204 FAQ Classroom Behavior Mueller & Oppenheimer 2014
23-Jan	2. Intro to Evolutionary Theory - Pt 1 Natural Selection Levels of Selection	Buss: Chapter 1 <i>Dawkins 1989</i>
25-Jan	3. Intro to Evolutionary Theory - Pt 2 Adaptation vs. Phylogenetics Genes and the Environment	Buss: Chapter 1 <i>Maynard Smith 1964</i> <i>Trivers 1985</i>
30-Jan	4. Evolutionary Basis of Human Behavior Overview Identifying Adaptive Problems	Buss: Chapter 2 <i>Wilson 1975</i>
01-Feb	5. Evolutionary Approaches Evolutionary Psychology Functionalism, Nativism, Modularity	Smith 2000 <i>Cosmides & Tooby 1997</i>
06-Feb	6. Evolutionary Approaches Human Behavioral Ecology Dual Inheritance Theory	Smith 2000 <i>Cronk 1991</i> i>Clicker quizzes begin
08-Feb	7. Sexual Selection Intra- & Intersexual Competition Why Is There Sex & Why Two Sexes?	Clutton-Brock 2007 Zuk 2002 - Ch 1
13-Feb	8. Women's Mating Strategies - Part 1 Theoretical Background Good Genes	Buss: Chapter 4 <i>Buss 1989</i>
15-Feb	9. Women's Mating Strategies - Part 2 Signals of Commitment Parenting Cues	Buss: Chapter 4 <i>Gangestad & Thornhill 1998</i>

20-Feb	10. Men's Mating Strategies - Part 1 Theoretical background Youth & Attractiveness	Buss: Chapter 5 <i>Lassek & Gaulin 2008</i>
22-Feb	11. Men's Mating Strategies - Part 2 Waist-Hip Ratio Other Cues	Buss: Chapter 5 <i>Miller, Tybur, Jordan 2007</i>
27-Feb	12. Short-term Strategies - Part 1 Men's strategies Physiological & psychological adaptations	Buss: Chapter 6 <i>Goetz et al 2005</i>
01-Mar	13. Short-term Strategies - Part 2 Women's strategies Physiological & psychological adaptations	Buss: Chapter 6 <i>Goetz et al 2005</i>
06-Mar	14. Sexual Conflict Strategic interference, sexual conflict, jealousy, mate retention, rape	Buss: Chapter 11 <i>McKibbin et al 2008</i>
08-Mar	15. MIDTERM EXAM 138 Hickman, 2:15 - 3:35 pm	Bring Student ID, Pencils, Erasers
***** 14-Mar & 16-Mar: NO CLASS: SPRING BREAK *****		
20-Mar	16. Parenting - Part 1 Parental investment Mothers vs. fathers	Buss: Chapter 7 <i>Marlowe 2003</i>
22-Mar	17. Parenting - Part 2 Parent-offspring conflict Mechanisms of parental care	Buss: Chapter 7 <i>Trivers 1974</i>
27-Mar	18. Parenting - Part 3 Trivers-Willard Hypothesis The Mukogodo	Cronk 2004 Cronk 2007a <i>Cronk & Wasielewski 2008</i>
29-Mar	19. Theory of Mind & Intro to Cooperation False belief Cooperation vs. altruism	--Reading TBD-- <i>Baron-Cohen et al 1985</i> <i>Premack & Woodruff 1978</i>

03-Apr	20. Cooperation: Kinship - Part 1 Theory of inclusive fitness	Buss: Chapter 8 <i>Dawkins 1979</i>
05-Apr	21. Cooperation: Kinship - Part 2 Implications & empirical findings	Buss: Chapter 8 <i>Leiberman et al 2007</i>
10-Apr	22. Cooperation: Reciprocity - Part 1 Direct reciprocity Cheater detection	Buss: Chapter 9 <i>Hamilton 1963</i>
12-Apr	23. Cooperation: Reciprocity - Part 2 Indirect reciprocity Audience & reputation effects	Buss: Chapter 9 <i>Bell & Buchner 2012</i>
17-Apr	24. Cooperation: Coordination Coordination problems <i>Osotua</i>	--Reading TBD-- <i>Bateson et al 2006</i> <i>Cronk 2007b</i>
19-Apr	25. Cooperation: Coordination & Culture Common meta-knowledge Coordination & culture	--Reading TBD-- <i>Alvard 2003</i> <i>Laland et al 2010</i>
24-Apr	26. Religion Theories of religion Function of religion	Slingerland et al 2013 <i>Sosis & Alcorta 2003</i> <i>NOrenzayan et al 2012</i>
26-Apr	27. Morality Classic approaches to morality Moral Foundations Theory	Haidt 2015 <i>Mikhail 2007</i> Essay Due: Submit to Sakai by 12:00pm (noon)
01-May	28. Wrap-up & review	** No Readings Today **
09-May	FINAL EXAM - Tuesday, May 9, 2017 138 Hickman, 12:00 pm - 3:00 pm	Bring Student ID, Pencils, Erasers