New Course Request

Indiana University

South Bend Campus

Check Appropriate Boxes: Undergraduate credit [X] Graduate credit [□] Professional credit [□]

1. School/Division: College of Liberal Arts and Sciences
2. Academic Subject Code: ANTH-B
3. Course Number: 300 (must be cleared with University Enrollment Services)
4. Instructor: VanderVeen or Wells
5. Course Title: Fundamentals of Bioanthropology
   Recommended Abbreviation (Optional): Fund. of Bioanth
   (Limited to 32 Characters including spaces)
6. First time this course is to be offered (Semester/Year): Spring 2010
7. Credit Hours: Fixed at 3 or Variable from _______ to _______
8. Is this course to be graded S-F (only)? Yes [X] No [□]
9. Is variable title approval being requested? Yes [□] No [X]
10. Course description (not to exceed 50 words) for Bulletin publication: Bioanthropology of humans, basic biological principles, morphology, function of evolutionary history. Human evolution from lower forms, environmental factors, speciation and differentiation into varieties, mixture, growth, sexual differences, and constitutional variability.

11. Lecture Contact Hours: Fixed at 3.0 or Variable from _______ to _______
12. Non-Lecture Contact Hours: Fixed at 0.0 or Variable from _______ to _______
13. Estimated enrollment: 35 of which 0 percent are expected to be graduate students.
14. Frequency of scheduling: every other year
   Will this course be required for majors? [X] Yes
   [□] No
15. Justification for new course: This course is one of the options to fulfill the core course requirements for the Anthropology major.
16. Are the necessary reading materials currently available in the appropriate library? [X] Yes
   [□] No
17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.
18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.
19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by:

Date 9-17-09

Dean of Graduate School (when required)

Approved by:

Date 10/10/09

University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

UPS 724 University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow; Department/Division—Pink; University Enrollment Services Advance—White
Course Syllabus and Schedule of Readings

Professor: Jay VanderVeen
Office: Wiekamp Hall 2267
Email: jmvander@iusb.edu
Phone: (574) 520-4618
Office Hours: Mondays and Wednesdays, 10 - 11:30 am
(and by appointment)
Class Time: Tuesdays and Thursdays, 11:30 am - 12:45 pm

Goals:
This course is designed to be a comprehensive introduction to biological anthropology, one of the four sub-disciplines of Anthropology. In brief, biological anthropology is the study of human biology within the framework of evolution. In this class, we will investigate human biology through the study of genetics, inheritance, population biology, and the principles of evolution. As humans are classified within the Order Primates, we will also study the evolution, ecology, and behavior of our closest living relatives: the great apes. We will spend some time examining the fossil record of the human lineage, concluding with the emergence of anatomically modern human beings. Finally, we will examine the significance of human adaptability and investigate the various ways in which the human species has adapted -- and is continuing to adapt -- to habitats around the world. After participating in this course, students will have an appreciation of key theoretical and methodological issues in this anthropological subdiscipline.

Texts:
You will be reading a standard textbook, Biological Anthropology: An Introduction (6th edition) by Michael Alan Park, to get an idea about what biological anthropology is all about. These readings will be supplemented by more interesting case studies found in Biological Anthropology: An Introductory Reader (6th edition) by Michael Alan Park. Please purchase both of these books and read the assigned pages before the first class meeting of each week. When appropriate, I will also provide selected articles as electronic documents available online.

Participation:
It is your responsibility, and to your benefit, to attend class. My presentations, and your colleagues’ participation, during the course are essential to the understanding of the topics. The reading material is meant to complement, not replace, the coverage of issues during class.
I expect you to ask and answer questions actively throughout the semester, whether in the classroom or during my office hours. In the case that your grade is on the cusp of a desired mark at the end of the semester, realize that your active and appropriate contribution in class discussions and elsewhere will push your grade to the next level.
Evaluation:

The final grade will be based on the following evaluative measures:

1. Traditional exams, with a mix of objective questions and short essays. These exams will cover material from both the texts and the lectures. There will be three exams, each worth 75 points.
2. Library research assignment, focusing on a question of interest to you. You are responsible for an original piece of research on one of the varied topics within physical anthropology. You will need to write an abstract, a bibliography, an outline, and a final draft. This assignment is worth 150 points.
3. Book/Website review, with the source you choose approved by me. Basically, you will select a text from a variety of media and create a critical analysis of its coverage of relevant issues. The review is worth 50 points.
4. I occasionally will give extra credit opportunities to the class as a whole. No individualized extra credit will be available.

Complete descriptions and requirements will be available online. Late submissions will have 10 percent of the total points available deducted for each calendar day they are tardy until a maximum loss of eighty percent of the available points is reached.

Grade Schedule:

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<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>100% and above</td>
<td>94-99</td>
</tr>
<tr>
<td>B+</td>
<td>87-89</td>
<td>90-93</td>
</tr>
<tr>
<td>C+</td>
<td>77-79</td>
<td>80-82</td>
</tr>
<tr>
<td>D+</td>
<td>67-69</td>
<td>70-72</td>
</tr>
<tr>
<td>F</td>
<td>59% and below</td>
<td>60-62</td>
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Policies:

If you expect to have any difficulty in meeting the expectations for any assignments in this class, be aware that problems are best resolved by dealing with them before they occur. Most issues are negotiable beforehand, but there are no guarantees after the fact. Because unforeseen circumstances can, and do, arise, please let me know as soon as the problem happens. Refer to your Bulletin about pass/fail and incompletes. See the Schedule of Classes regarding dates and policies for withdrawals.

Please approach me if you have concerns about any aspect of this class. I am more than willing to accommodate any individual with special needs or requirements, be they physical, religious, or otherwise. If you have an exceptionality of any sort, it is your responsibility to take the necessary steps to fulfill the college’s requirements, but I will certainly help you contact the appropriate officials. If you have a disability and need assistance, visit the Disabled Student Services office and obtain a letter attesting to your needs. If you require accommodations for religious observances, please provide me with a written request in the first two weeks of class. Regardless of the situation, early notification will benefit us both.

Both the University and I take academic honesty very seriously. Cheating or plagiarism will not be accepted from any student. If you are caught acting dishonestly, you will fail the project with no opportunity to replace the points. If you behave inappropriately a second time, you will fail the course. For your own safety, please read and follow the guidelines presented in the Academic Misconduct section of the Code of Student Ethics published by the University (http://www.dsa.indiana.edu/Code/). Plagiarism goes beyond copying someone else’s words without giving credit; it applies also to the use of another’s ideas without attribution. If you have any questions about what may be plagiarism, see me. If you have any doubts, credit the original source.
Course Schedule:
Week 1: Introduction to the course: What do biological anthropologists do? 
(Park Ch. 1; Bioanth Reader Part 1)
Week 2: Understanding Darwin 
(Online Reader Part 1)
Week 3: History of physical anthropology/ Philosophy of science 
(Park Ch. 2, 3; Bioanth Reader Part 3) 
** Review DUE
Week 4: Genetics, heredity, and the processes of evolution 
(Park Ch. 4, 5; Bioanth Reader Part 4)
Week 5: Critiques of biological determinism, synthetic theory, and adaptationism 
(Online Reader Part 2) 
** Exam 1 DUE
Week 6: Current trends in primate behavior, ecology, and conservation 
(Park Ch. 7, 8; Bioanth Reader Part 5)
Week 7: Evolution of modern humans: What happened to the Neanderthals? 
(Park Ch. 10, 11, Bioanth Reader Part 6) 
** Paper proposal DUE
Week 8: Recent fossil discoveries in paleoanthropology 
(Online Reader Part 3)
Week 9: Evolution and human behavior: Is it all in the genes? 
(Bioanth Reader Part 9) 
** Exam 2 DUE
Week 10: Human biodiversity: Race, sex, and difference 
(Park Ch. 14; Bioanth Reader Part 8)
Week 11: The biocultural tenet: food and eating 
(Online Reader Part 4) 
** Paper abstract and bibliography DUE
Week 12: Human reproduction, demography and epidemiology 
(Park Ch. 13; Bioanth Reader Part 7)
Week 13: Ethics in physical anthropology 
(Park Ch. 15; Bioanth Reader Part 10) 
** Exam 3 DUE
Week 14: Pulling it all together in applied bioanthropology 
(Online Reader Part 5)
Week 15: Class presentations 
** Final research paper DUE

NOTE: This syllabus is a general plan for the course; deviations may be necessary and will be announced in class. Students absent from class are responsible for determining if any modifications were announced.