

The Ohio State University
Colleges of the Arts and Sciences Course Change Request

Psychology

Academic Unit

Psychology 804

Book 3 Listing (e.g., Portuguese)

Course Number

Summer Autumn Winter **XX** Spring Year 2006

Proposed effective date: choose one quarter and put an "X" after it; and fill in the year. See the OAA curriculum manual for deadlines.

A. Course Offerings Bulletin Information. Follow instructions in the OAA curriculum manual. Before you fill out the "Present Course" information, be sure to check the latest edition of the *Course Offerings Bulletin* and subsequent Circulating Forms. You may find that the changes you need have already been made or that additional changes are needed. If the course offered is less than quarter or term, please also complete the Flexibly Scheduled/OffCampus/Workshop Request form.

COMPLETE ALL ITEMS THIS COLUMN

Present Course

1. Book 3 Listing: Psychology
2. Number: 804
3. Full Title: Advanced Comparative Psychology
4. 18-Char. Transcript Title: ADV COMPARATIVE
5. Level and Credit Hours G 3
6. Description: Contemporary literature in comparative (25 words or less)
Psychology: topics vary every quarter.
7. Qtrs. Offered : AU, SP
8. Distribution of Contact Time: 1, 3 hr. CI
(e.g., 3 cl, 1 3-hr lab)
9. Prerequisite(s): 601
10. Exclusion: n/a
(Not open to....)
11. Repeatable to a maximum of n/a credits.
12. Off-Campus Field Experience: n/a
13. Cross-listed with: n/a
14. Is this a GEC course? No
15. Grade option (circle): Ltr X S/U P
If P graded, what is the last course in the series?
16. Is an honors version of this course available? No
17. Other general course information: topics vary from quarter to quarter

COMPLETE ONLY THOSE ITEMS THAT CHANGE
Changes Requested

- 1.
- 2.
3. Topics in Advanced Comparative Psychology
- 4.
- 5.
- 6.
- 7.
- 8.
9. Delete Prerequisite
- 10.
11. repeatable to maximum of 15 credits
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.

B. General Information

1. Do you want the prerequisites enforced electronically (see the OAA manual for what can be enforced)?
No

2. Does this course currently satisfy any GEC requirement, if so indicate which category?
None

3. What other units require this course? Have these changes been discussed with those units?
None

4. Have these changes been discussed with academic units that might have a jurisdictional interest in the subject matter?
Attach relevant letters.
n/a

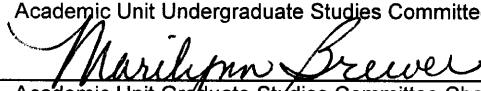
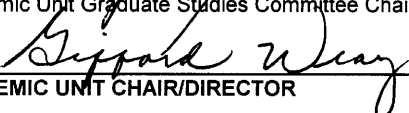
5. Is the request contingent upon other requests, if so, list the requests?
No

6. **Purpose of the proposed change. (If the proposed change affects the content of the course, attach a revised syllabus and course objectives and e-mail to asccurrofc@osu.edu.)**
To make this a repeatable course. Topics vary from quarter to quarter and present contemporary research in behavioral neuroscience. Students must now use independent study number in order to enroll for more than one quarter.

7. Please list Majors/Minors affected by the proposed change. Attach revisions of all affected programs. This course is (check one):
 Required on major(s)/minor(s) A choice on major(s)/minors(s)
 An elective within major(s)/minor(s) A general elective:

8. Describe any changes in library, equipment or other teaching aids needed as a result of the proposed change or if the proposed change involves budgetary adjustments, describe the method of funding:
This course is part of the regular teaching load of one of our faculty in Psychobiology and Behavioral Neuroscience

Approval Process The signatures on the lines in ALL CAPS (e.g. ACADEMIC UNIT) are required.

1. Academic Unit Undergraduate Studies Committee Chair	Printed Name	Date
	Marilynn Brewer	11/4/05
2. Academic Unit Graduate Studies Committee Chair	Printed Name	Date
	Gifford Weary	11-07-05
3. ACADEMIC UNIT CHAIR/DIRECTOR	Printed Name	Date
4. After the Academic Unit Chair/Director signs the request, forward the form to the ASC Curriculum Office, 105 Brown Hall, 190 West 17 th Ave. or fax it to 688-5678. Attach the syllabus and any supporting documentation in an e-mail to asccurrofc@osu.edu . The ASC Curriculum Office will forward the request to the appropriate committee.		
5. COLLEGE CURRICULUM COMMITTEE	Printed Name	Date
6. ARTS AND SCIENCES EXECUTIVE DEAN	Printed Name	Date
7. Graduate School (if appropriate)	Printed Name	Date
8. University Honors Center (if appropriate)	Printed Name	Date
9. Office of International Affairs (study tours only)	Printed Name	Date
10. ACADEMIC AFFAIRS	Printed Name	Date

ADVANCED COMPARATIVE PSYCHOLOGY

Psych 804

Fall Quarter 2005

Randy Nelson, Instructor

Email: rnelson@osu.edu; Phone: 538.9526

The topic of this course changes each quarter. Generally, topics cover the history and current status of comparative psychology, emphasizing several biological disciplines including behavioral neuroendocrinology, behavioral genetics, ethology, evolutionary biology, and sociobiology. We will read historically important or new papers and books that are critical in understanding contemporary comparative psychology.

Class meetings are in Room 3, LAC-1 from 12:00 to 2:30. Background reading material for each seminar can be obtained by clicking on the appropriate date at the course website:

http://www.psy.ohiostate.edu/nelson/Psych%20804/Advanced_comparative_psychology.htm. The topic for this quarter is hormones and social behavior. We will read Adkins-Regan's book, *Hormones and Social Behavior* (2005) published by Princeton University Press. The final grade is based on participation (and attendance) (25%), as well as the grade on a 5-10 page paper (75%) that is required on one of the topics (chapters) presented in class. The paper is due on 2 December 2005.

INSTRUCTIONS FOR THE TERM PAPER

(NB: The term paper is a requirement only for students taking this course for graduate credit).

The literature in comparative psychology is extensive and diverse. It is often necessary to scan many articles quickly and to extract from them the essential message. It is frequently necessary to evaluate methods in order to determine if the claims in the paper are extravagant. Even with careful reviewing, articles are published that may not be tightly reasoned and frequently, alternative explanations for data are not considered. This quarter, your term paper should critically examine some problem of current interest in social behavioral endocrinology. You have considerable freedom in terms of the approach you use. However, you must use only primary research literature (you can use review articles as points of departure) and you must be critical (exercise careful judgment) in your approach. You might want to examine the development of a particular concept during the past several years by choosing a paper from 10 or so years ago and then picking a very recent paper for comparison. Alternatively, you might pick a controversial topic and examine different points of view based on different scientific methodologies, philosophies or as alternative explanations for similar observations. There

is no desire on my part to limit your options; you may be able to think of some other approaches. Do not approach this assignment with the idea that there is something wrong with the papers you read. A critic is one who expresses a reasoned opinion on a matter, involving a judgment of its logical bases, correctness, value or significance. Give the reader sufficient information so that your arguments can be followed and your opinions understood, but do not abstract papers being discussed (i.e., do not write... "Fox and Hound (1985) found X. This was wrong. Cole and colleagues found Y. This was right."). Rather, focus on issues that attract your attention and present a comparative analysis.

You might start by reviewing the journals, *Hormones and Behavior*, *Physiology & Behavior* or *Biology of Reproduction*. You might also get ideas from the Adkins-Regan's book, Psychlit, or Medline. Once you find an article of interest, explore its references for other articles of related interest. Use Science Citation Index for determining the researchers who are citing papers of interest to you.

The paper is very important to your final grade (75%). Present it in good form, underlining or italicizing scientific names and using the literature citation format of the APA (an APA manual of style is available from me to consult; copies are also available in the library). Please do not write less than 5 or more than 10 double-spaced pages. I expect all of your arguments to be supported by sufficient references. Your grade on the paper will be based on my assessment of your critical abilities, on the originality of your treatment, your presentation (including grammar, syntax, and spelling), and on the total development of the paper. The instructor will gladly help you with any aspect of your term paper. I expect you to work on this paper during the entire term and my evaluation of the final product will be based on those expectations. Failure to complete the term paper will result in a failing grade.

A comprehensive outline of your term paper is due in class on 28 October 2005. This typewritten outline should include the thesis of your paper, as well as a list of the major references that you have consulted (approximately 3-5 review papers and 8-12 research papers).

ACCOMMODATIONS FOR DISABLED STUDENTS

The policy of The Ohio State University is to provide every reasonable, appropriate, and necessary accommodation to qualified disabled students. The University's colleges and academic centers evaluate and judge applications on an individual basis and no categories of disabled individuals are automatically barred from admission. The privacy rights of each disabled person are honored to the fullest extent possible. The University's interest in a students


disabilities are only for the purpose of accommodating his/her specific disability, thereby providing an academically qualified disabled student access to programs and activities accorded all other qualified students. Whenever generally accessible facilities do not adequately accommodate a specific disability, the University makes every reasonable accommodation and program or facility adjustment to assure individual access. **These policies are fully supported and practiced in this class.** If you have a disability documented with The Ohio State University Office of Disability Services (<http://www.ods.ohio-state.edu>; 614.292.3307, or visit 150 Pomerene Hall), then please contact either instructor privately by the end of the second week of the quarter so that any accommodations (e.g., large font exams, separate examination facilities) can be made.

ACADEMIC ETHICS

All students enrolled in courses at The Ohio State University should be familiar with the University's policy on academic integrity. The instructor is committed to maintaining a fair assessment of student performance in this course. There is one major ethical consideration in this course: You are expected to work alone on your term paper. You may not turn in papers that you did not *completely* write. Do not use former class participant's papers or term papers acquired on the Web. You may not turn in papers that you wrote for other courses. You should confer with the instructor or library staff for guidance, but your paper must represent your own work. Be very careful about plagiarism; attribute quotes and ideas that others have previously published where appropriate. A very comprehensive website that describes most aspects of plagiarism has been produced by Northwestern University (<http://www.nwu.edu/uacc/plagiar.html>). I strongly encourage you to visit this site.

SCHEDULE OF TOPICS

23 Sept	Organization Meeting; goals of the course. R. Nelson
30 Sept	Chapter 1 Hormonal Mechanisms; Discussion Leader: Brian Trainor
7 Oct	Chapter 2 Mating, Parenting, and Fighting; Discussion Leader: Zach Weil
14 Oct	Chapter 3 Social Relationships; Discussion Leader: Jessa Alexander

- 21 Oct Chapter 4 Development of Sexes; Discussion Leader: Joanna Workman
- 28 Oct Chapter 4 (continued) Development of Types; Discussion Leader: Brenda Reader
- 4 Nov Chapter 5 Evolutionary Change; Discussion Leader: Leah Pyter
- 11 Nov Chapter 5 Species Differences; Discussion Leader; R Nelson
- 18 Nov Chapter 6 Life History Strategy; Discussion Leader: Marty Martin
- 25 Nov No Class (Thanksgiving) 
- 2 Dec Chapter 7 Phylogeny; conservation/innovation; Discussion Leader: Erin Schlegel