

**Florida Atlantic University**  
**Department of Psychology**  
**Biological Bases of Behavior 2**  
**PSB 4004 (#4774S)**  
**Spring 2001**

**Credit Hours:** 3

**Days:** T, R

**Hours:** 9:30 – 10:50 AM

**Location:** ED 123

**Instructor:** Dr. Bressler; **Lab Instructor:** Janna Taft

**Office:** Innovation Center #2, 3848 FAU Blvd, Suite #210

**Phone:** 297-2322

**Office Hours:** 11:00 AM T,R or by appointment

**Textbook:** Physiology of Behavior, 7th Edition, N.R. Carlson, Allyn & Bacon, 2001.

**Prerequisite:** Students are required to have successfully completed Biological Bases of Behavior 1 (PSB 3002) prior to enrolling for this course. Students who have not taken that course may enroll with the permission of the instructor if they can demonstrate equivalent proficiency.

**Objectives:** This is an advanced undergraduate course in biological psychology. It is intended as a sequel to Biological Bases of Behavior 1. It builds upon the fundamental concepts introduced there to explore higher level systems, including sleep, reproduction, emotion, drinking, eating, and learning and memory. Each system is examined from the perspectives of behavior, neurophysiology, neurochemistry, and neuroanatomy. The lab sections will clarify or build upon class lecture material.

**Evaluation:** The course will be divided into three sections (see Course Outline). Each section will be concluded by an exam covering only the chapters in that section. Exams will be based on the lectures and the text. Scores on each of the exams will be weighted equally. The total final score will be used to compute the course grade, based on the total final class distribution. No extra credit assignments will be given. An incomplete (I) grade will not be given in lieu of a D or F. Students must take all three exams unless there is justifiable reason for missing an exam. One make-up exam will be allowed if acceptable justification is provided. Appropriate documentation must be presented for justifiable absence from an exam. Unjustifiable reasons for missing an exam will result in an F being assigned for the missed exam.

**PSB 4004  
Course Outline**

**Section I:**

**Chapter 9:** pp. 270-303

**Chapter 10:** pp. 304-338

**Chapter 11:** pp. 339-370

**Section II:**

**Chapter 12:** pp. 371-391

**Chapter 13:** pp. 392-422

**Section III:**

**Chapter 14:** pp. 423-465

**Chapter 15:** pp. 466-494