

**Course Title: Brain and Behavior**  
**Course Number: Psyc / Biol 3322 -001, Spring 2014**  
**Course Location and Time: Tue, Thur 11:00 - 12:20 am at COBA245E**

**Instructor:** Dr. Yuan Bo Peng

**Office:** Life Science Building, Room 503

**Office Phone:** 817/272-5222

**Email:** All emails should be sent to my Teaching Assistant, Ms. Ailing Li first ([ailing.li@mavs.uta.edu](mailto:ailing.li@mavs.uta.edu)), unless you feel you have to get my attention at [ypeng@uta.edu](mailto:ypeng@uta.edu)

**Instructor web site:** <http://www.uta.edu/psychology/faculty/peng.html>

**Faculty Profile:** <https://www.uta.edu/mentis/public/#profile/profile/edit/id/157/category/1>

**Office Hours:** T 1:00 - 2:00 pm, or by appointment

**Section Information:** Psyc / Biol 3322 -001

**Time and Place of Class Meetings:** Tue, Thur 11:00 - 12:20 am at COBA245E

**Course web site:** For lecture notes and announcement, please go to Blackboard at <https://elearn.uta.edu/webapps/login/>

**Course Prerequisites:** BIOL 3322 prerequisite: BIOL 1441, 1442. PSYC 3322 prerequisite: BIOL 1441 or PSYC 1315.

**Required Textbook(s) and Materials:** Biological Psychology, 11<sup>th</sup> edition by James W. Kalat. Recommended supplementary material: Biological Psychology (Study Guide). Students should take their own risk and make their decision on purchasing older editions, since the answer keys to the multiple questions are based on 11<sup>th</sup> edition.

You can use the following information to decide your **purchase options** for new books:

- **Purchase from UTA Bookstore**
- **Special bundle arranged for UTA students (to be updated by publisher):** <http://www.cengagebrain.com/micro/utapsyc3322>. Custom Biological Psychology, 11th + Psychology CourseMate with an eBook Instant Access code. The Instant Access bundle ISBN is the one that is on the link: ISBN-10: 1-285-47702-2, ISBN-13: 978-1-285-47702-2. You will receive an access code that gives you instant access to CourseMate, which has the e-book built in. You can begin using the e-book and CourseMate while waiting for the print hard copy book to arrive.
- **Other Optional bundles:** You have other bundle options to purchase directly from Cengage at <http://www.cengagebrain.com/shop/search/9781111831004>.
- **Purchase from other sources**

**Course Description:** This course will provide a comprehensive review of physiological processes that underlie animal and human behavior.

**Course Learning Goals/Objectives:** Students are expected to learn how nervous system works and what the underlying neural mechanisms that control our behavior are. Topics will include: anatomical structure, molecular basis, sensory and motor systems, neurotransmitters, control of hunger, thirst, temperature, emotional disorders and schizophrenia, etc.

**Attendance and Drop Policy:** No mandatory attendance. If you are dropped from this class for non-payment of tuition, you may secure an Enrollment Loan through the Bursar's Office. You may not continue to attend class until your Enrollment Loan has been applied to outstanding tuition fees.

**Dates to remember:** Census day, the last day to drop this course with an automatic "W". Otherwise, a grade of "F" will be assigned. Please bring your own scantron (Blue color, form no. 4521)

**Tentative Lecture/Topic Schedule:**

- Chapter 1 The major issues – **Brief mention, but not be included in exam.**
- Chapter 2 Nerve cells and nerve impulses
- Chapter 3 Synapses
- Chapter 4 Anatomy of the nervous system
- Chapter 5 Development and plasticity of the brain

**Exam 1 (11:00 - 12:20) Thursday, 02/13/2014; Chapters 2-5**

*(Please bring your own scantron (Blue color, form no. 4521))*

Chapter 6 Vision

Chapter 7 The other sensory systems

Chapter 8 Movement

Chapter 9 Wakefulness and sleep

**Exam 2 (11:00 - 12:20) Tuesday, 03/25/2014; Chapters 6-9**

*(Please bring your own scantron (Blue color, form no. 4521))*

Chapter 10 Internal body states

Chapter 12 Emotional behaviors

Chapter 13 The biology of learning and memory

Chapter 14 Cognitive Functions

Chapter 15 Psychological disorders

*"As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. – Yuan B Peng"*

**Makeup Exam (11:00 - 12:20) Thursday, 05/01/2014 (in dead week)**

Only for those who missed the first and second exams with university approved excuses.

**Final Exam (11:00 - 1:30) Thursday, 05/06/2014**

*(Please bring your own scantron (Blue color, form no. 4521))*

Final Exam Schedule [http://www.uta.edu/aao/recordsandregistration/assets/pdf/final\\_exam\\_schedule\\_spring2014.pdf](http://www.uta.edu/aao/recordsandregistration/assets/pdf/final_exam_schedule_spring2014.pdf)

**Specific Course Requirements:** This is an intensive course. Students are expected to know a lot of detailed information. Be sure to read textbook before attending lectures and read textbook after lectures. Reading lecture slides alone is not enough to make good grade. When free tutoring is available, please take advantage to use it as much as possible.

**Examinations:** There are three exams. The final exam is **NOT** comprehensive. The format of exams will be multiple-choice questions. You are required to take all **Three Exams**. If you miss an exam, a grade of zero will be given. There is no provision for taking a make-up exam in this course unless documentation for a University-approved excuse (see Catalog <http://www.uta.edu/catalog/general/academicreg>) is received within one week of the exam date, except with conditions that will prevent you from access conscious means of communication. All make up tests will be offered at class time on the last day of the Final Review Week (the week before the Final Exam Week).

**Grade Calculation:** Note: UTA policy will not allow distribution of grade over the phone call or email. The three exams will contribute equally to the calculation of the final grade. The scores from each exam will be averaged and a letter grade will be assigned where  $A \geq 85\%$ ,  $B \geq 75\%$ ,  $C \geq 65\%$ ,  $D \geq 55\%$ ,  $F < 55\%$ . NOTE: There will be no extra credit work to make up the grade. This is the way how you can calculate your grade. If your final goal is to get a "B" in this class, then  $75 \times 3 = 225$  is your total scores out of 3 tests. If you had 65 in the first exam, 68 in the second exam, then you need  $225 - 65 - 68 = 92$  from the final exam in order to make a "B".

**Expectations for Out-of-Class Study:** A general rule of thumb is this: for every credit hour earned, a student should spend 3 hours per week working outside of class. Hence, a 3-credit course might have a minimum expectation of 9 hours of reading, study, etc. Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least an additional 9 hours per week of their own time in course-related activities, including reading required materials, preparing for exams, etc.

**Grade Grievances:** Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current undergraduate / graduate catalog.

For undergraduate courses, see [http://www.uta.edu/catalog/content/general/academic\\_regulations.aspx#19](http://www.uta.edu/catalog/content/general/academic_regulations.aspx#19); for graduate courses, see [http://grad.pci.uta.edu/about/catalog/current/general/regulations/#grade\\_grievances](http://grad.pci.uta.edu/about/catalog/current/general/regulations/#grade_grievances).

**Drop Policy:** Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's

responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance.** Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://www.uta.edu/aao/fao/>).

**Americans with Disabilities Act (ADA):** The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference to Public Law 93112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act – (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

If you are a student who requires accommodations in compliance with the ADA, please consult with me at the beginning of the semester. As a faculty member, I am required by law to provide “reasonable accommodation” to students with disabilities, so as not to discriminate on the basis of that disability. Your responsibility is to inform me of the disability at the beginning of the semester and provide me with documentation authorizing the specific accommodation. Student services at UTA include the Office for Students with Disabilities (located in the lower level of the University Center) which is responsible for verifying and implementing accommodations to ensure equal opportunity in all programs and activities.

**Academic Integrity:** Students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

*I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*

*I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System *Regents’ Rule* 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University.

**Student Support Services:** UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to [resources@uta.edu](mailto:resources@uta.edu), or view the information at [www.uta.edu/resources](http://www.uta.edu/resources).

**Academic Honesty:** Academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form at The University of Texas at Arlington. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. See procedures at <http://www.uta.edu/studentaffairs/judicialaffairs/>

“Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.” (Regents’ Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2., Subdivision 3.22).

**Student Success Programs:** The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admissions and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

**Electronic Communication:** UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades,

graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>.

**Student Feedback Survey:** At the end of each term, students enrolled in classes categorized as “lecture,” “seminar,” or “laboratory” shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

**Emergency Exit Procedures:** Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit. Please be aware the nearest exit/emergency exit when you in your first class. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

**E-Culture Policy:** The University of Texas at Arlington has adopted the University “MavMail” address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system.

All students are assigned a MavMail account. Students are responsible for checking their MavMail regularly. Information about activating and using MavMail is available at <http://www.uta.edu/oit/email/>. Communication about the course material and related announcement will be only through UTA mail system.

There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

**Make-up Exam Policy:** There is no provision for taking a make-up exam in this course unless documentation for a University-approved excuse (see Catalog) is received within one week of the exam date. All make up tests will be offered during the “dead week”, the week before the Final Exam Week. Make up test is ONLY for those students who miss the first two tests, for a valid reason. It is the student’s responsibility to remember the day for makeup test.

**Bomb Threats:** If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available.

**\*Library Information:** Andy Herzog is the Psychology Librarian: Central Library, RM. 313; Tel: 817-272-7517; email at [amherzog@uta.edu](mailto:amherzog@uta.edu). You will find useful research information for psychology at <http://www.uta.edu/library>.

Library Home Page.....	<a href="http://www.uta.edu/library">http://www.uta.edu/library</a>
Subject Guides .....	<a href="http://libguides.uta.edu">http://libguides.uta.edu</a>
Subject Librarians .....	<a href="http://www.uta.edu/library/help/subject-librarians.php">http://www.uta.edu/library/help/subject-librarians.php</a>
Database List.....	<a href="http://www.uta.edu/library/databases/index.php">http://www.uta.edu/library/databases/index.php</a>
Course Reserves.....	<a href="http://pulse.uta.edu/vwebv/enterCourseReserve.do">http://pulse.uta.edu/vwebv/enterCourseReserve.do</a>

Library Catalog .....	<a href="http://discover.uta.edu/">http://discover.uta.edu/</a>
E-Journals .....	<a href="http://liblink.uta.edu/UTAlink/az">http://liblink.uta.edu/UTAlink/az</a>
Library Tutorials .....	<a href="http://www.uta.edu/library/help/tutorials.php">http://www.uta.edu/library/help/tutorials.php</a>
Connecting from Off- Campus.....	<a href="http://libguides.uta.edu/offcampus">http://libguides.uta.edu/offcampus</a>
Ask A Librarian .....	<a href="http://ask.uta.edu">http://ask.uta.edu</a>

The following URL houses a page where we have gathered many commonly used resources needed by students in online courses: <http://www.uta.edu/library/services/distance.php>

Finally, the subject librarian for your area can work with you to build a customized course page to support your class if you wish. For examples, visit <http://libguides.uta.edu/os> and <http://libguides.uta.edu/pols2311fm>. If you have any questions, please feel free to contact the Coordinator for Information Services, Suzanne Beckett, at [sbeckett@uta.edu](mailto:sbeckett@uta.edu) or at 817.272.0923.

**ACES:** The Annual Celebration of Excellence by Students (ACES) symposium is a university-wide, daylong event scheduled for March each year. ACES displays the best of our students' research and creativity, where both undergraduate and graduate students present the research they have done with faculty mentors. Please attend this event to learn more about the outstanding research done at this university, and your opportunities to get involved with it.