

**Course Title: Brain and Behavior**  
**Course Number: Psyc / Biol 3322 -002**  
**Course Location and Time: Wedn 7:00 pm - 9:50 pm; Life Science 124**

**Instructor:** Dr. Yuan Bo Peng

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

**Section Information:** Psyc / Biol 3322 -002

**Time and Place of Class Meetings:** Wedn 7:00 pm - 9:50 pm, LS 124

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

**Student Learning Outcomes:** 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.

**Course web site:** For lecture notes and announcement, please go to Canvas at <https://oit.uta.edu/canvas/>

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

**Required Textbook(s) and Other Course Materials:** Biological Psychology, 13<sup>th</sup> edition by James W. Kalat. 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 13<sup>th</sup> edition.

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

- Special bundle arranged for UTA students: 13<sup>th</sup> edition loose-leaf edition + MindTap is sold at the UTA bookstore or from [www.cengagebrain.com/](http://www.cengagebrain.com/)
- Purchase from other sources

**Descriptions of major assignments and examinations:** There are no major assignments but reading textbook and use MindTap are highly recommended. There will be **THREE in-person examinations**, unless there is a change of COVID-19 pandemics.

**Technology Requirements:** As a backup plan, the online teaching tools you will use including Canvas, Teams, Respondus Lockdown or other proctoring tools, etc. Students can access tutorials on these tools by clicking on the “Get Started” Box on their Canvas Homepage.

**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) – Not applicable with online exams (pending COVID-19 situation).

**Course Schedule (Tentative):**

Chapter 1 Nerve cells and nerve impulsesf  
Chapter 2 Synapses  
Chapter 3 Anatomy and Research Methods  
Chapter 4 Genetics, Evolution, Development and Plasticity

**Exam 1 (7:00 - 8:30pm) Wednesday, 09/22/2021**

Chapter 5 Vision

Chapter 6 Other sensory systems  
Chapter 7 Movement  
Chapter 8 Wakefulness and sleep

### **Exam 2 (7:00 - 8:30pm) Wednesday, 10/27/2021**

Chapter 9 Internal Regulation  
Chapter 11 Emotional behaviors  
Chapter 12 Learning, memory, and intelligence  
Chapter 13 Cognitive Functions  
Chapter 14 Psychological disorders

### **Make-up Exam (7:00 - 8:30pm) Wednesday, 12/08/2021**

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

### **Final Exam (8:15 - 10:15pm) Wednesday, 12/15/2021**

**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.

**Grading:** Note: UTA policy will not allow distribution of grade over the phone call or email. There will be three exams. The final exam will **NOT** be comprehensive. The format for 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. The three exams will contribute equally to the calculation of the final grade. The scores from three exams 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 92 ( $225 - 65 - 68 = 92$ ) from the final exam in order to make a "B".

**Make-up Exam:** There is no provision for taking a make-up exam in this course unless documentation for a University-approved excuse (see Catalog <http://catalog.uta.edu/academicregulations/studentresponsibility/#attendancetext>) 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 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. **No test will be allowed to be taken at earlier than scheduled exam time and date.**

**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 NINE hours per week of their own time in course-related activities, including reading required materials, completing assignments, 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 University Catalog. For undergraduate courses, see [Undergraduate Grading Policies](#); for graduate courses, see [Graduate Grading Policies](#). For student complaints, see [Student Complaints](#).

**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://wweb.uta.edu/aao/fao/>).

**Disability Accommodations:** UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including *The Americans with Disabilities Act (ADA)*, *The Americans with Disabilities Amendments Act (ADAAA)*, and *Section 504 of the Rehabilitation Act*. All instructors at UT Arlington are required by law to provide

“reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the **Office for Students with Disabilities (OSD)**. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

**The Office for Students with Disabilities, (OSD)** [www.uta.edu/disability](http://www.uta.edu/disability) or calling 817-272-3364.  
**Counseling and Psychological Services, (CAPS)** [www.uta.edu/caps/](http://www.uta.edu/caps/) or calling 817-272-3671.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability) or by calling the Office for Students with Disabilities at (817) 272-3364.

**Title IX:** The University of Texas at Arlington is committed to upholding U.S. Federal Law “Title IX” such that no member of the UT Arlington community shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity. For more information, visit [www.uta.edu/titleIX](http://www.uta.edu/titleIX).

**Academic Integrity:** Students enrolled all UT Arlington courses 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. **Note:** Any violations to the academic integrity policy will affect the course grade by giving the affected exam a score of zero.

**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, [which is located \[insert a description of the nearest exit/emergency](#)

exit]. 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 individuals with disabilities.

**Student Success Programs:** 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 by appointment](#), [drop-in tutoring](#), [etutoring](#), [supplemental instruction](#), [mentoring](#) (time management, study skills, etc.), [success coaching](#), [TRIO Student Support Services](#), and [student success workshops](#). For additional information, please email [resources@uta.edu](mailto:resources@uta.edu), or view the [Maverick Resources](#) website.

**The IDEAS Center** (<https://www.uta.edu/ideas/>) (2<sup>nd</sup> Floor of Central Library) offers **FREE** [tutoring](#) and [mentoring](#) to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in or check the schedule of available peer tutors at [www.uta.edu/IDEAS](http://www.uta.edu/IDEAS), or call (817) 272-6593.

**The English Writing Center (411LIBR):** The Writing Center offers FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at the [Writing Center](https://uta.mywconline.com) (<https://uta.mywconline.com>). Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see [Writing Center: OWL](#) for detailed information on all our programs and services.

The Library's 2<sup>nd</sup> floor [Academic Plaza](http://library.uta.edu/academic-plaza) (<http://library.uta.edu/academic-plaza>) offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the [library's hours](#) of operation.

**Librarian to Contact:** Each academic unit has access to [Librarians by Academic Subject](#) that can assist students with research projects, tutorials on plagiarism and citation references as well as support with databases and course reserves.

**\*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 ..... <http://www.uta.edu/library>
- Subject Guides ..... <http://libguides.uta.edu>
- Subject Librarians ..... <http://www.uta.edu/library/help/subject-librarians.php>
- Database List..... <http://www.uta.edu/library/databases/index.php>
- Course Reserves ..... <http://pulse.uta.edu/vwebv/enterCourseReserve.do>
- Library Tutorials ..... <http://www.uta.edu/library/help/tutorials.php>
- Connecting from Off- Campus..... <http://libguides.uta.edu/offcampus>
- Ask A Librarian..... <http://ask.uta.edu>

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>.

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> .

## Research or General Library Help

### Ask for Help

- [Academic Plaza Consultation Services](http://library.uta.edu/academic-plaza) (library.uta.edu/academic-plaza)
- [Ask Us](http://ask.uta.edu) (ask.uta.edu/)
- [Research Coaches](http://libguides.uta.edu/researchcoach) (http://libguides.uta.edu/researchcoach)

### Resources

- [Library Tutorials](http://library.uta.edu/how-to) (library.uta.edu/how-to)
- [Subject and Course Research Guides](http://libguides.uta.edu) (libguides.uta.edu)
- [Librarians by Subject](http://library.uta.edu/subject-librarians) (library.uta.edu/subject-librarians)

- [A to Z List of Library Databases](http://libguides.uta.edu/az.php) (libguides.uta.edu/az.php)
- [Course Reserves](https://uta.summon.serialssolutions.com/#!/course_reserves) (https://uta.summon.serialssolutions.com/#!/course\_reserves)
- [Study Room Reservations](http://openroom.uta.edu/) (openroom.uta.edu/)

**ACES:** The Annual Celebration of Excellence by Students (ACES) symposium is a university-wide, daylong event scheduled for Wednesday, March 27, 2013. 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.

**Face Covering Policy** (see <https://www.uta.edu/announcements/coronavirus/campus-updates/face-covering-protocol>)

**Emergency Phone Numbers:** Enter the UTA Police Department's emergency phone number into your own mobile phone. In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911. Non-emergency number 817-272-3381.