

Course Title: Brain and Behavior
Course Number: Psyc / Biol 3322 -002
Course Location and Time: Mon 4:00 pm - 6:50 pm; Life Science 122

Instructor: Dr. Yuan Bo Peng

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

Section Information: Psyc / Biol 3322 -002

Time and Place of Class Meetings: Mon 4:00 pm - 6:50 pm, LS 122

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 the 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, schizophrenia, etc.

Course website: For lecture notes and announcements, please go to Canvas at <https://oit.uta.edu/canvas/>

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

Required Textbook(s) and Other Course Materials: Biological Psychology, 14th 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 the 14th edition. You can use the following information to decide your **purchase options** for new books:

- The textbook and online material for PSYC/BIOL 3322-002 are available to the [Inclusive Access \(IA\) program](#). Students will be charged for the tuition and fees when registering but have the option to opt-out before the census day and get a refund.
- Here is a page with a good video to post walking students on registration: <https://startstrong.cengage.com/cengage-infuse-in-canvas-ia-yes/>
- Here is a link to the Cengage Student Help Page: <https://help.cengage.com/student/index.html>
- Purchase from other sources at your own risk.

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

Technology Requirements: As a backup plan, the online teaching tools you will use include 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 impulses
Chapter 2 Synapses

Chapter 3 Anatomy and Research Methods
Chapter 4 Genetics, Evolution, Development and Plasticity

Exam 1 (4:00 - 5:30 pm) Monday, 09/16/2024

Chapter 5 Vision
Chapter 6 Other sensory systems
Chapter 7 Movement
Chapter 8 Wakefulness and sleep

Exam 2 (4:00 - 5:30 pm) Monday, 10/21/2024

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 (4:00 - 5:30 pm) Monday, 12/01/2024

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

Final Exam (5:30 - 8:00 pm) Monday, 12/09/2024

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

Grading: Note: UTA policy will not allow the distribution of grades 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 $A \geq 85\%$, $B \geq 75\%$, $C \geq 65\%$, $D \geq 55\%$, and $F < 55\%$. 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 score out of 3 tests. If you had 65 in the first exam, and 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 makeup 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 of the makeup test. **No test will be allowed taken at earlier than the 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, and 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(see [Grading Policies](#); [Student Complaints](#)). Use the following link to submit a [grade grievance to the department](#).

Additionally, please note that grades on Canvas oftentimes do not accurately reflect the grading calculations from the syllabus. This creates some confusion among students. **Note:** Do not necessarily rely on percentages and letter grades provided in Canvas. Those are largely out of my control and may not reflect all calculations. **Your grade is based on the section in this syllabus (see Grading).**

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/ao/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 or calling 817-272-3364.
Counseling and Psychological Services, (CAPS) www.uta.edu/caps/ or calling 817-272-3671.

Only those students who have officially documented a need for 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 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.

Academic Integrity: Students enrolled in 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 the 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 of 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 the 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, or view the [Maverick Resources](#) website.

The IDEAS Center (<https://www.uta.edu/ideas/>) (2nd 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, or call (817) 272-6593.

[Student Grievance Form - University of Texas at Arlington](#)

Location: Life Sciences Building, Room 313, 501 S. Nedderman Dr., Arlington, TX 76019 Mailing address: P.O. Box 19528. Phone: 817-272-2281; Fax: 817-272-2364. <https://www.uta.edu/academics/schools-colleges/science/departments/psychology/degree-programs/graduate/graduate-resources/student-grievance-form>

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 2nd 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. 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/)

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

<p>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.</p>
