Brain and Behavior

Psyc/Biol 3322 Section 001 — Summer II 2021

MTWR 1:00 pm - 3:00 pm

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| **Instructors:** | Dr. Maxine Geltmeier | Cassie Argenbright |
| **Email:** | maxine.geltmeier@uta.edu | cassie.argenbright@uta.edu |
| **Office Hours:** | by appointment on Microsoft Teams | TBD or by appointment |

**Lectures and Course Content:** All lectures will be held live on Microsoft Teams. 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, emotional disorders, etc.

**Required Textbook(s) and Other Course Materials**: Biological Psychology, 13th edition by James W. Kalat. Students are responsible for all course material, risk from purchasing an older edition will fall on the student.

**Course Website:** For all course materials, please go to Canvas

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

**Descriptions of Major Assignments and Examinations:** Homework will be completed online through Canvas. There will be 10 homework assignments worth 10 points each, for a total of 100 points. Homework length (number of questions) may vary based on the content and depth of understanding required, but all assignments will be worth 10 points. Homework will be available for one week in advance of the due date, do not wait until the last day to complete your assignments. Any assignment submitted after the due date will receive an automatic zero. No exceptions or excuses.

There will be FOUR examinations; all will be accessed online via Canvas and will be available for 24 hours during their scheduled dates. There will be 50 multiple choice questions for each exam, worth two points each, for a total of 100 points per exam. You will be given 50 minutes to complete each exam. There will not be a cumulative final. The lowest exam will be dropped, therefore exams will be worth 300 points total.

**Attendance and Drop Policy:** Attendance is not mandatory, but highly encouraged, as the material will be complex. 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 Lean has been applied to outstanding tuition fees.

**Dates to remember:** Census day (July 19th), the last day to drop (August 3rd at 4pm) with an automatic “W.” Otherwise, a grade of “F” will be assigned.

**Specific Course Requirements:** This is an intensive course; students are expected to know a lot of detailed information. Be sure to read the textbook chapters before attending lectures and review after lectures. ***Reading lecture slides alone is not enough to make a good grade.***

**Grading**: UTA policy will not allow distribution of grade over the phone call or email. There will be four exams, the lowest exam will be dropped. The final exam will NOT be comprehensive. The format for exams will be multiple choice questions. If you miss an exam, a grade of zero will be given. The exams will contribute equally to the calculation of the final grade. The scores from the exams will be averaged and a letter grade will be assigned where A ≥ 88%, B ≥ 78%, C ≥ 68%, D ≥ 58%, F < 58%. Extra credit assignments will not be an option in this course.

3 Highest Exams 300 points

10 Homework Assignments 100 points

Total 400 points

A = 352 points, B = 312 points, C = 272 points, D = 232 points

**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://www.uta.edu/catalog/general/academicreg>) is received within one week of the exam date, except with conditions that will prevent you from access to conscious means of communication. A makeup test is ONLY for those students who miss one of the first three tests for a valid UNIVERSITY APPROVED reason. It is the student’s responsibility to contact the professor ahead of time or immediately after an exam with excusatory documentation.

**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

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>.

**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 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).

Emergency Phone Numbers: [Optional but strongly recommended] 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.

Course Schedule

(Tentative, subject to change at instructor’s discretion)

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| --- | --- | --- | --- | --- | --- |
| Week | Date | Day | In-class topic: | Readings Due: | Assignments Due: |
| 1 | 7/13/21 | Tu | Syllabus/Nerve Cells (1) | Chapter 1 | Assignments 1+2+3 Released |
| 1 | 7/14/21 | W | Nerve Impulses (1) / Synapses (2) | Chapter 2 | / |
| 1 | 7/15/21 | Th | Synapses Cont. (2) | / | / |
| 1 | 7/19/21 | M | Anatomy and Research Methods (3) | Chapter 3 | / |
| 2 | 7/20/21 | Tu | Exam 1 (Ch1-3)  **Due by 11:59pm** | HW1(Ch1), HW2 (Ch2), HW3(Ch3) **Due by 11:59pm** | |
| 2 | 7/21/21 | W | Genetics and Evolution (4) | Chapter 4 | Assignments 4+5 Released |
| 2 | 7/22/21 | Th | Development and Plasticity(4) | / | / |
| 2 | 7/26/21 | M | Vision (5) | Chapter 5 | **/** |
| 3 | 7/27/21 | Tu | Vision Cont. (5) | / | / |
| 3 | 7/28/21 | W | Exam 2  **Due by 11:59pm** | HW4 (Ch 4), HW5 (Ch 5)  **Due by 11:59pm** | |
| 3 | 7/29/21 | Th | Movement (7) | Chapter 7 | Assignments 6+7 Released |
| 3 | 8/2/21 | M | Movement Cont. (7) | / | / |
| 4 | 8/3/21 | Tu | Wakefulness (8) | Chapter 8 | / |
| 4 | 8/4/21 | W | Sleep (8) | / | / |
| 4 | 8/5/21 | Th | Exam 3  **Due by 11:59pm** | HW6 (Ch 7), HW7 (Ch 8),  **Due by 11:59pm** | |
| 4 | 8/9/21 | M | Learning and Memory (12) | Chapter12 | Assignments 8+9+10 Released |
| 5 | 8/10/21 | Tu | Cognitive Functions (13) | Chapter13 | / |
| 5 | 8/11/21 | W | Psychological Disorders(14) | Chapter14 | / |
| 5 | 8/12/21 | Th | Study Day | HW8 (CH12), HW9 (Ch13),  HW10 (Ch14), **Due by 11:59pm** | |
| 5 | 8/16/21 |  | Exam 4  **Due by 11:59pm** | Nothin’ at all due! | |

### Research or General Library Help

Ask for Help

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

Resources

* [Library Tutorials](https://library.uta.edu/how-to) ([library.uta.edu/how-to](http://library.uta.edu/how-to))
* [Subject and Course Research Guides](https://libguides.uta.edu/) ([libguides.uta.edu](http://libguides.uta.edu/))
* [Librarians by Subject](https://library.uta.edu/subject-librarians) (library.uta.edu/subject-librarians)
* [A to Z List of Library Databases](https://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](https://openroom.uta.edu/)(openroom.uta.edu/)