

UTRGV

**College of Biomedical Sciences and Health Professions
Department of Biomedicine**

Syllabus

**BMED 2102 – 08 MON 8-9:40 09 MON 10-11:40 10 MON 12-13:40
MOLECULES, CELLS, AND TISSUES (Aug31-October23)
Location LHSB 1.410**

Instructor: Maria Teresa Castaneda

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Office Hours:

Contact methods: e mail or office hours

Course Description

This course has emphasis in the macromolecules and cells and the influence in the biological functions and also to provide students with a current and comprehensive review of the molecular structure and function at the cellular and tissue levels.

Student Learning Outcomes

Students will be able to:

1. Understand the structure and function of cells and their diversification into multicellular functional systems and organism.
2. Acquire a working knowledge and understanding of microscopic anatomy and appreciate the tools and techniques used to study the structure and function of molecules, cells and tissues.
3. Integrate knowledge of clinical and laboratory assays, cytology and histology with clinical presentations and obtain a foundation for higher level courses.

Textbook:

- 1) Junquera's Basic Histology Text & Atlas by Anthony Mescher (McGraw Hill Lange Publishers, 13th edition)

ISBN-13: 978-0071630207

GRADING POLICY

Grades for the course will be determined by daily exams,

Note – a total of 7 exams will be given – your lowest grade will not be counted towards your final grade.

A letter grade will be assigned based on the following scale:

A= 90-100 B=80-89 C=70-79 D=60-69 F=<60

Proposed Topics:

1. Aug 31 Review of macromolecular components of the cell and its relationship to cell function.
2. Sep 7 No classes. Labor day.
3. Sep 14 Internal organization of the cell, cellular processes. Cell Membrane and transport,
4. Sep 21 Introduction to histology and methodology & microscope.
5. Sep 28 Epithelial tissue-cytology & histology
6. Oct 5 Connective tissue- cytology & histology
7. Oct 12 Muscle tissue- cytology & histology
8. Oct 19 Nervous tissue- cytology & histology

Calendar of Activities

Include in this section a table or list that provides information for students regarding important dates, assignments or activities. The UTRGV academic calendar can be found at <http://my.utrgv.edu> at the bottom of the screen, prior to login. Important dates for Fall 2015 include:

August 31	Classes Begin
September 7 closed	Labor Day Holiday; university closed
September 16	Last day to drop a class before it appears on the transcript and counts toward the "6-drop" limit. Last day to receive a 100% refund for dropped classes (other policies apply when a student is withdrawing from all classes).
November 18	Drop/Withdrawal Deadline; last day for students to drop the course and receive a DR grade. After this date, students will be assigned a letter grade for the course that will count on the GPA.
November 26-27 university closed	Thanksgiving Holiday;
December 10	Study Day; no classes
December 11-17	Final Exams

STUDENTS WITH DISABILITIES:

If you have a documented disability (physical, psychological, learning, or other disability which affects your academic performance) and would like to receive academic accommodations, please inform your instructor and contact Student Accessibility Services to schedule an appointment to initiate services. It is recommended that you schedule an appointment with Student Accessibility Services before classes start. However, accommodations can be provided at any time. Brownsville Campus: Student Accessibility Services is located in Cortez Hall Room 129 and can be contacted by phone at (956) 882-7374 (Voice) or via email at accessibility@utrgv.edu. Edinburg Campus: Student Accessibility Services is located in 108 University Center and can be contacted by phone at (956) 665-7005 (Voice), (956) 665-3840 (Fax), or via email at accessibility@utrgv.edu.

MANDATORY COURSE EVALUATION PERIOD:

Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (<http://my.utrgv.edu>); you will be contacted through email with further instructions. Online evaluations will be available Nov. 18 – Dec. 9, 2015. Students who complete their evaluations will have priority access to their grades.

ATTENDANCE:

Students are expected to attend all scheduled classes and may be dropped from the course for excessive absences. UTRGV's attendance policy excuses students from attending class if they are participating in officially sponsored university

activities, such as athletics; for observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

SCHOLASTIC INTEGRITY:

As members of a community dedicated to Honesty, Integrity and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University. Scholastic dishonesty includes but is not limited to: cheating, plagiarism, and collusion; 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. Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines). All scholastic dishonesty incidents will be reported to the Dean of Students.

SEXUAL HARASSMENT, DISCRIMINATION, and VIOLENCE:

In accordance with UT System regulations, your instructor is a “responsible employee” for reporting purposes under Title IX regulations and so must report any instance, occurring during a student’s time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware during this course through writing, discussion, or personal

disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect in an environment free from sexual misconduct and discrimination.

COURSE DROPS:

According to UTRGV policy, students may drop any class without penalty earning a grade of DR until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the “3-peat rule” and the “6-drop” rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit.