BIOL 4399, 4201 and 4202

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How to Get In Touch:
I can be reached by email: megan.keniry@utrgv.edu. Do not use non-UTRGV email accounts such as Gmail or Yahoo- as per federal law.

“I don’t get this.” If you are thinking this, get to office hours or make an appointment! Don’t wait to get help! If you score below 75 percent on any exam, come to office hours.


Course Description: A study of cell structure and function with emphasis on bio-energetics, membranes, genes, and genetic control, cell division and its regulation, and cellular differentiation.

Prerequisites:
(Undergraduate level BIOL 1406 Minimum Grade of D or Undergraduate level BIOL 1306 Minimum Grade of D or Undergraduate level BIOL 1401 Minimum Grade of D or Undergraduate level BIOL 1487 Minimum Grade of D or Undergraduate level BIOL 114 Minimum Grade of D or Undergraduate level BIOL 1305 Minimum Grade of D or Undergraduate level BIOL 1487 Minimum Grade of D or Undergraduate level BIOL 1405 Minimum Grade of D) and
(Undergraduate level BIOL 1407 Minimum Grade of D or Undergraduate level BIOL 1307 Minimum Grade of D or Undergraduate level BIOL 1402 Minimum Grade of D or Undergraduate level BIOL 1488 Minimum Grade of D or Undergraduate level BIOL 124 Minimum Grade of D or Undergraduate level BIOL 1312 Minimum Grade of D or Undergraduate level BIOL 1306 Minimum Grade of D or Undergraduate level BIOL 1312 Minimum Grade of D or Undergraduate level BIOL 1406 Minimum Grade of D) and
(Undergraduate level CHEM 2123 Minimum Grade of D or Undergraduate level CHEM 2102 Minimum Grade of D) and (Undergraduate level CHEM 2302 Minimum Grade of D)
**Course Objectives:**
- Learn research methods
- Present research in lab meeting
- Write a reflection about research at the end of term

**Course Expectations:**
- Students need to come to class on time and **take notes**
- Students should read the book and do assigned homework questions
- Students should utilize practice exams
- Please, contact me if you need help with anything.
- Students should take an active role in learning by doing assignments and asking questions

**Learning Objectives for Core Curriculum Requirements**
BIOL 4201 and 4202 satisfies Texas Higher Education Coordinating Board (THECB) for the core areas of Critical Thinking Skills, Communication Skills, Empirical and Quantitative Skills, Teamwork, and Personal Responsibility.

Grading depends on several things.

Attendance to lab meeting: 20%
Completion of assignments (one every two weeks): 60%
Write an end of term reflection about research: 20%

**Grading Scale:**
- 90 - 100 points  A
- 80 – 89 points  B
- 70 – 79 points  C
- 60 – 69 points  D
- Below 60 points  F
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 https://my.utrgv.edu/home at the bottom of the screen, prior to login. Some important dates for spring 2019 include:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 14</td>
<td>First day of classes</td>
</tr>
<tr>
<td>January 17</td>
<td>Last day to add a course or register for spring 2019</td>
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<tr>
<td>January 21</td>
<td>Martin Luther King Jr. Day – NO classes</td>
</tr>
<tr>
<td>April 10</td>
<td>Last day to drop a course; will count toward the 6-drop rule</td>
</tr>
<tr>
<td>April 19-20</td>
<td>Easter Holiday – NO classes</td>
</tr>
<tr>
<td>May 2</td>
<td>Study Day – NO classes</td>
</tr>
<tr>
<td>May 3-9</td>
<td>Final Exams</td>
</tr>
<tr>
<td>May 10-11</td>
<td>Commencement Exercises</td>
</tr>
</tbody>
</table>

Other Course Information
In this section, please provide any other information that is pertinent to your course and your expectations for students.

UTRGV Policy Statements [next page]
The UTRGV disability accommodation, mandatory course evaluation statement and sexual harassment statement are required on all syllabi. Additional policy statements are optional, such as those covering attendance, academic integrity, and course drop policies.

STUDENTS WITH DISABILITIES: Required on all syllabi. Do not modify.
Students with a documented disability (physical, psychological, learning, or other disability which affects academic performance) who would like to receive academic accommodations should contact Student Accessibility Services (SAS) as soon as possible to schedule an appointment to initiate services. Accommodations can be arranged through SAS at any time, but are not retroactive. Students who suffer a broken bone, severe injury or undergo surgery during the semester are eligible for temporary services.

Pregnancy, Pregnancy-related, and Parenting Accommodations
Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) are encouraged to contact Student Accessibility Services for additional information and to request accommodations.

Student Accessibility Services:
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 ability@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 ability@utrgv.edu.

MANDATORY COURSE EVALUATION PERIOD: Required on all syllabi. Do not modify.
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. Students who complete their evaluations will have priority access to their grades. Online evaluations will be available on or about:

- **Module 1**: February 13 – 19
- **Module 2**: April 10 – 16
- **Full Fall Semester**: April 10 – May 1

**ATTENDANCE**: Recommended on all syllabi; may be modified by the instructor as long as it is not inconsistent with UTRGV policy.

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**: Recommended on all syllabi.

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 (including self-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**: Required on all syllabi. Do not modify.

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 that is free from sexual misconduct and discrimination.

**COURSE DROPS**: Recommended on all syllabi; may be modified by the instructor as long as it is not inconsistent with UTRGV policy.

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. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.

**STUDENT SERVICES**: Recommended on all syllabi.
Students who demonstrate financial need have a variety of options when it comes to paying for college costs, such as scholarships, grants, loans and work-study. Students should visit the Students Services Center (U Central) for additional information. U Central is located in BMAIN 1.100 (Brownsville) or ESSBL 1.145 (Edinburg) or can be reached by email (ucentral@utrgv.edu) or telephone: (888) 882-4026.

In addition to financial aid, U Central can assist students with registration and admissions.

Students seeking academic help in their studies can use university resources in addition to an instructor’s office hours. University Resources include the Learning Center, Writing Center, Advising Center and Career Center. The centers provide services such as tutoring, writing help, critical thinking, study skills, degree planning, and student employment. Locations are:

- **Learning center**: BSTUN 2.10 (Brownsville) or ELC1 100 (Edinburg)
- **Writing center**: BLIBR 3.206 (Brownsville) or ESTAC 3.119 (Edinburg)
- **Advising center**: BMAIN 1.400 (Brownsville) or ESWKH 101 (Edinburg)
- **Career center**: BCRTZ 129 (Brownsville) or ESSBL 2.101 (Edinburg)