

### PCB 3063 - Genetics - Fall 2021

(Section 0M02) Tues & Thurs 1:30–2:50 pm (CB2-201)  
3 credit hours

**Instructor:** Dr. Cynthia Bayer  
**Communication:** Webcourses Inbox & Announcements

**In-person (BIO 202D) Office Hours:** by appointment only  
**Open (Zoom) Office Hours:** Tues 11am-12noon  
Thur 10-11am & 3-4pm

---

**Course Description:** This general Genetics course will cover the basic concepts of transmission (classical) genetics and molecular genetics. Transmission genetic principles include chromosome dynamics during cell division, disorders of chromosome segregation in humans, Mendelian and non-Mendelian inheritance of characters, sex determination, pedigree analysis, and eukaryotic gene mapping. Molecular genetic principles include DNA structure and replication, storage and expression of genetic information, regulation of gene expression, mutation and repair, epigenetics, and biotechnology.

**Mixed Mode:** This class includes both required classroom attendance and online instruction. While assigned readings, homework, quizzes and exams are online, other in-classroom activities and lectures will be conducted in-person in CB2-201. Computers are accessible to students in all of UCF’s computer labs, and most are connected to the internet. For further information, please see guides.ucf.edu.

**Course Prerequisites:** An upper division course for students who have completed two semesters of Chemistry (CHM 2045 and CHM 2046) and earned a grade of C or higher in Biology 1 (BSC 2010C).

**Student Learning Outcomes:** Successful Genetics students will demonstrate a broad understanding of the basic principles of Genetics, demonstrate an ability to use information in new situations to solve problems, and be able to draw connections between concepts. Students will be expected to:

- **Demonstrate** how the inheritance of alleles and characters correlates with chromosome dynamics during cell division.
- **Apply** the principles of Mendelian and non-Mendelian inheritance of characters to a variety of pedigrees and be able to distinguish between different modes of inheritance.
- **Calculate** the genetic distance between linked genes using the concepts underlying gene mapping in eukaryotes.
- **Define** an allele at the molecular level and as a unit of inheritance.
- **Deduce** connections and **distinguish** between the cellular processes of DNA replication, transcription and translation.
- **Compare** and **contrast** the control of gene expression in bacteria and eukaryotes.

Students will be evaluated on meeting these objectives via participation in online homework and quizzes, 4 lecture exams and a comprehensive final exam.

**Academic Activity - Course Expectations:**

- To meet the registrar's requirement for documentation of your participation in this course, please complete the **Course Expectations/Syllabus Quiz**, found in our Webcourse Quizzes section, by **5:00 pm Friday, August 27**. Failure to do so will result in a delay in the disbursement of your financial aid.
- **All students** will receive credit for completion of the Course Expectations/Syllabus Quiz.

**Course website:**
Access our course website at Webcourses@UCF to find links to the **Syllabus, Weekly Modules, Achieve Homework & Quizzes, Active Learning Exercises, End-of-Chapter Assessments, Online Exams, Zoom and Grades**. Within the **Weekly Modules** you will find **Chapter PowerPoints** for you to download or print and bring to lecture. These PowerPoint slides are sized to be legible when printed at 6 slides per page.
REQUIRED Textbook: Participation in my online course Achieve, which contains graded quizzes, homework, interactives, animations, and a link to the electronic textbook Pierce Genetics: A Conceptual Approach, 7th ed. Instructions to Opt-In to First Day access to Achieve by Friday, Aug 27 are located in the Introduction & Getting Started page in Webcourses. Students may choose to also purchase an optional loose-leaf print textbook (to complement the eText in Achieve) at the UCF Bookstore.

A free iClicker app is integrated with Achieve. I will use iClicker polls daily, but the scores will not count toward your course grade. You may participate with the iClicker Student app on a smartphone, tablet, or laptop. See the Webcourses iClicker Instructions page to link my iClicker course to your Achieve account.

Course Grade:  
- 60% = Best 3 out of 4 Regular Exams (100 points/exam)  
- 20% = Required Final Exam (100 points)  
- 20% = Achieve: Homework & Quizzes

- Students are responsible for keeping track of their own grades and identifying issues within 2 weeks of any grade posting in Webcourses.  
- Letter grades for the semester will be awarded according to the scale below. Letter grades will adhere to this percentage range with no exceptions. There will be no curving of final grades.

A = 90-100%  
B = 80-89%  
C = 70-79%  
D = 60-69%  
F = 59% and below

Lecture Exams: There will be 4 online exams, each worth 100 points. Exams will be based on assigned readings, Achieve Homework & Quizzes, Active Learning Exercises, recommended End-of-Chapter Assessments, and material covered in lecture, including notes and diagrams that are not included in the PowerPoint files posted in Webcourses. Exams are held during scheduled class time, beginning at 1:30 pm. The lowest score of the 4 lecture exams will be dropped automatically.

Final Exam: All students are required to take the COMPREHENSIVE (covering all material from the semester) Final Exam, worth 100 points. The online Final Exam will be held according to the UCF Final Exam Schedule for Fall 2021, on Tues Dec 7, at 1:30 pm.

Achieve: Homework & Quizzes are assigned for each chapter, and together make up 20% of your course grade. Due dates are listed in the Achieve course and in our Webcourse Weekly Modules. A 25% penalty will be deducted from any assignment submitted up to 3 days after the due date. After that time, you will not receive any credit. Homework (unlimited attempts, hints provided) and Quizzes (1 attempt, no hints) will be automatically graded and synched to Webcourses gradebook. BE SURE TO SELECT THE SUBMIT BUTTON AT THE END OF THE QUIZ TO SUBMIT ALL ANSWERS. The lowest grade of all quizzes will be dropped automatically. The lowest grade of all homework assignments will be dropped automatically.

End-of-Chapter Assessments are listed in Webcourses as recommended practice and review for each chapter. You will not submit answers or receive credit but are strongly encouraged to complete these problems for a better understanding and review of the concepts discussed in lecture.

Active Learning Exercises provide an opportunity for students to work together or individually on a worksheet in class to reinforce critical concepts. Student understanding will be assessed via iClicker.

Zoom Office Hours: Please take the time to familiarize yourself with Zoom by visiting the UCF Zoom Guides. You may choose to use Zoom on your mobile device (phone or tablet). Meeting dates and times will be scheduled through Webcourses and should appear on your calendar.
Taking Online Exams:
All exams are available in the Webcourses Quizzes tool during the scheduled class time on the dates listed in the Syllabus and Weekly Modules. All exams are held at 1:30 pm.

- Exam questions will be multiple choice.
- Each exam is timed.
- Each exam is available ONLY at the scheduled time.
- You are permitted to consult your own physical notes during the exam, but are NOT permitted to navigate to other parts of this Webcourse. Be warned, if you need to look-up every answer you will likely not have enough time to complete the exam.
- You are not permitted to consult Google, Chegg, or any other unauthorized website, nor communicate with any other student by text, phone, GroupMe or any other means. (Discussed in greater detail in the Academic Integrity section below.)
- Students are expected to remain on the testing screen for the duration of the exam, which will be monitored by Quiz Log Audit for compliance.

Excused Missed Exams:
- If an exam is missed due to an official, documented, University-accepted absence, a make-up exam will be permitted. Excused absences include special curricular requirements (e.g. field trip, professional conference), official UCF business at which your presence is required (e.g. university sponsored team event), U.S. Military-related business (e.g. Reserve Duty), legal obligation (e.g. jury duty).
  - You must provide documentation with your name and date affected 1 week prior to exam date.
  - A make-up exam may include short answer questions in addition to multiple choice.

- A make-up exam may be permitted if any other legitimate* documented reason that circumstances beyond your control, an EMERGENCY, prevented you from taking the exam (including, but not limited to, your hospitalization or a death in the immediate family)
  - Official documentation from an appropriate authority (doctor, police, judge, etc.) must be provided within 24 hours of the missed exam. *A doctor’s note must be written on letterhead paper with a contact phone number and must document that a medical condition was treated or that a medical procedure or hospitalization occurred.
  - If I approve your excuse, I will arrange a time for a make-up exam on the last day of class. The make-up may include short answer questions in addition to multiple choice.

Unexcused Missed Exams: If a student misses an exam for an unexcused event (e.g., forgetting there was an exam, vacations, family gatherings) or cannot provide acceptable documentation, then they will receive a zero grade for that exam. The first zero grade will be dropped as the lowest scoring exam. Any additional zero exam grades due to unexcused absences will count towards the course grade.

Reviewing Exams: Your responses will be available for viewing after all students, including students with SAS time extension accommodations, have completed their exams and the grades are posted.

Classroom Conduct: Because of the challenges inherent with a class of this size, please be sure to
- arrive and depart on time
- refrain from talking during class
- place cell phone on vibrate

- A student who fails to follow these basic courtesy rules will be asked to leave.
- Laptops are allowed for course-related use only. If I receive complaints that your YouTube or Netflix viewing interferes with other students’ ability to concentrate and learn in this classroom, I will have to prohibit ALL laptop use in the classroom.
In-Class Recording: Students may, without prior notice, record video or audio of a class lecture for a class in which the student is enrolled for their own personal educational use. A class lecture is defined as a formal or methodical oral presentation as part of a university course intended to present information or teach students about a particular subject. Recording classroom activities other than class lectures, including but not limited to class discussion (except when incidental to and incorporated within a class lecture), academic exercises involving student participation, test or examination administrations, and private conversations is prohibited. Recordings may not include the image or voice of other students in the class, may not be used as a substitute for class participation and class attendance, and may not be published or shared without the written consent of the faculty member. Failure to adhere to these requirements may constitute a violation of the University's Student Code of Conduct as described in the Golden Rule.

Academic Integrity: As reflected in the UCF creed, integrity and scholarship are core values that should guide our conduct and decisions as members of the UCF community. Plagiarism and cheating contradict these values and are serious academic offenses. Students enrolled at UCF are expected to familiarize themselves and uphold the standards of academic behavior defined in the University’s Rules of Conduct (Section UCF-5.008) in the Golden Rule handbook http://goldenrule.sdes.ucf.edu.

Students are prohibited from engaging in Academic Misconduct:

1. Unauthorized assistance: Using or attempting to use unauthorized materials, information or study aids in any academic exercise unless specifically authorized by the instructor of record. The unauthorized possession of examination or course-related material also constitutes cheating.
2. Communication to another through written, visual, electronic, or oral means: The presentation of material which has not been studied or learned, but rather was obtained through someone else's efforts and used as part of an examination, course assignment, or project.
3. Commercial Use of Academic Material: Selling of course material to another person, student, and/or uploading course material to a third-party vendor without authorization or without the express written permission of the university and the instructor. Course materials include but are not limited to class notes, Instructor's PowerPoints, course syllabi, tests, quizzes, labs, instruction sheets, homework, study guides, handouts, etc.
4. Falsifying or misrepresenting the student's own academic work.
5. Plagiarism: Using or appropriating another's work without any indication of the source, thereby attempting to convey the impression that such work is the student's own.
6. Multiple Submissions: Submitting the same academic work for credit more than once without the express written permission of the instructor.
7. Helping another violate academic behavior standards.
8. Soliciting assistance with academic coursework and/or degree requirements. The solicitation of assistance with an assignment, lab, quiz, test, paper, etc., without authorization of the instructor of record or designee is prohibited. This includes but is not limited to asking for answers to a quiz, trading answers, or offering to pay another to complete an assignment. It is considered Academic Misconduct to solicit assistance with academic coursework and/or degree requirements, even if the solicitation did not yield actual assistance (for example, if there was no response to the solicitation).

Students are prohibited from Possessing and/or Providing False and Misleading Information and/or Falsification of University Records:

1. Withholding related information or furnishing false or misleading information (oral or written) to University officials, university and non-university law enforcement officers, faculty or staff.
2. Possession, use or attempted use of any form of fraudulent identification.
3. Forgery, alteration or misuse of any University document, material, file, record or instrument of identification.
4. Deliberately and purposefully providing false or misleading verbal or written information about another person.
5. Falsification, distortion, or misrepresentation of information during an investigation, the Student Conduct Review Process, including knowingly initiating a false complaint.

Unauthorized Use of Technology for Graded Work: If you were in a classroom setting taking an exam, would you ask the student sitting next to you for the answer to an exam question? The answer should be no. This means that students are not allowed to use GroupMe, WhatsApp, or any other form of technology to exchange course material associated with a graded assignment, quiz, exam, etc. when opened on Webcourses.

The completion of graded work in an online course should be considered a formal process: Just because you are not in a formal classroom setting being proctored while taking a quiz or exam does not mean that the completion of graded work in an online course should not be treated with integrity. The following are examples that show how the use of technology can be considered academic misconduct and could result in the same penalties as cheating in a face-to-face class:

- Taking a screen shot of an online quiz or exam question, posting it to GroupMe or WhatsApp, and asking for assistance is considered academic misconduct.
- Answering an online quiz or exam question posted to GroupMe or WhatsApp is considered academic misconduct. Giving advice, assistance, or suggestions on how to complete a question associated with an online assignment, quiz, or exam is considered academic misconduct.
- The use of outside assistance from another student or by searching the internet, Googling for answers, use of websites such as Quizlet, Course Hero, Chegg Study, etc. is considered academic misconduct.
- Gathering to take an online quiz or exam with others and sharing answers in the process is considered academic misconduct.

If a student or group of students are found to be exchanging material associated with a graded assignment, quiz, or exam through any form of technology (GroupMe, WhatsApp, etc.), or use of outside assistance (Googling answers, use of websites such as Quizlet, Course Hero, Chegg Study, etc.), they could receive anywhere from a zero grade on the exercise to an “F” in the course depending on the act.

Unauthorized Use of Websites and Internet Resources: There are many websites claiming to offer study aids to students, but in using such websites, students could find themselves in violation of academic conduct guidelines. These websites include (but are not limited to) Quizlet, Course Hero, Chegg Study, and Clutch Prep. UCF does not endorse the use of these products in an unethical manner, which could lead to a violation of our University’s Rules of Conduct. They encourage students to upload course materials, such as test questions, individual assignments, and examples of graded material. Such materials are the intellectual property of instructors, the university, or publishers and may not be distributed without prior authorization. Students who engage in such activity could be found in violation of academic conduct standards and could face course and/or University penalties. Please let me know if you are uncertain about the use of a website so I can determine its legitimacy.

Unauthorized Distribution of Class Notes: Third parties may attempt to connect with you to sell your notes and other course information from this class. Distributing course materials to a third party without my authorization is a violation of our University’s Rules of Conduct. Please be aware that such class materials that may have already been given to such third parties may contain errors, which could affect your performance or grade. If a third party should contact you regarding such an offer, I would appreciate your bringing this to my attention. We all play a part in creating a course climate of integrity.
Responses to Academic Dishonesty, Plagiarism, or Cheating: Students should also familiarize themselves with the procedures for academic misconduct in UCF’s student handbook, The Golden Rule handbook [http://goldenrule.sdes.ucf.edu]. UCF faculty members have a responsibility for students’ education and the value of a UCF degree, and so seek to prevent unethical behavior and respond to academic misconduct when necessary. Penalties for violating rules, policies, and instructions within this course can range from a zero on the exercise to an “F” letter grade in the course. In addition, an Academic Misconduct report could be filed with the office of Student Conduct and Academic Integrity [https://scai.sdes.ucf.edu] which could lead to disciplinary warning, disciplinary probation, or deferred suspension or separation from the University through suspension, dismissals, or expulsion with the addition of a “Z” designation on one’s transcript.

Being found in violation of academic conduct standards could result in a student having to disclose such behavior on a graduate school application, being removed from a leadership position within a student organization, the recipient of scholarships, participation in University activities such as study abroad, internships, etc.

Let’s avoid any potential misconduct or penalty by demonstrating values of honesty, trust, and integrity. No grade is worth compromising your integrity and moving your moral compass. Stay true to doing the right thing: take the zero, not a shortcut.

Time commitment: For most students striving for B grades or higher, I recommend scheduling about 12 hours per week for engaging with this course. Your background knowledge/experience and other variables may require you to spend additional time. Please plan accordingly by scheduling time on your calendar now. Several factors influence student academic performance and long-term learning. Active engagement in all course activities (e.g., lecture and iClicker polling, textbook readings, Achieve homework and quizzes, End-of-Chapter assessments, classroom Active Learning exercises) will contribute to your learning and to your success in this course.

Course Accessibility and Inclusion: It is my goal that this class be an accessible and welcoming experience for all. UCF and I consider the diversity of our students, faculty, and staff to be a strength and critical to our educational mission. UCF expects every member of the university community to contribute to an inclusive and respectful culture for all in its classrooms, work environments, and at campus events. Dimensions of diversity can include sex, race, age, national origin, ethnicity, gender identity and expression, intellectual and physical ability, sexual orientation, income, faith and non-faith perspectives, socio-economic class, political ideology, education, primary language, family status, military experience, cognitive style, and communication style. The individual intersection of these experiences and characteristics must be valued in our community.

If there are aspects of the design, instruction, or experiences within this course that result in barriers to your inclusion or accurate assessment of achievement, please notify me to discuss reasonable options or adjustments. You may also want to contact SAS [http://sas.sdes.ucf.edu] (Ferrell Commons 185; 407-823-2371) to talk about academic accommodations.

Help & SARC: Please ask for help if you need it! I am here to answer your questions. Additionally, help is available through SARC (Student Academic Resource Center, Howard Phillips Hall, Room 113: 407-823-5130; http://sarc.sdes.ucf.edu). SARC provides students with free individual and small-group tutoring for Genetics with Supplemental Instruction (SI). Students can also request a Learning Consultation with a Learning Skills Specialist or attend Academic Success Workshops to improve study skills & strategies.

Deployed Active-Duty Military Students: Students who are deployed active-duty military or National Guard personnel and require accommodation should contact their instructors as soon as possible after the semester begins and/or after they receive notification of deployment to make arrangements.
UCF Cares: UCF and I care not only about your academic success, but also your overall well-being. Please visit UCFCares.com http://cares.sdes.ucf.edu/ if you are seeking resources or support, or if you are worried about a friend or classmate. Free services and information are included for a variety of student concerns, including but not limited to alcohol use, bias incidents, mental health concerns, sexual harassment or assault, and financial challenges. You can also e-mail ucfcares@ucf.edu with questions or for additional assistance. You can reach a UCF Cares staff member Student Care Services, http://scs.sdes.ucf.edu, Ferrell Commons 142, between 8 a.m. and 5 p.m. by calling 407-823-5607.

If you are in immediate distress, please call Counseling and Psychological Services (CAPS), Counseling Center 101 http://caps.sdes.ucf.edu to speak directly with a counselor 24/7 at 407-823-2811 or call 911.

Academic Services and Resources: A list of available academic support and learning services is available at UCF Student Services. Click on "Academic Support and Learning Services" on right-hand side to filter.

Non-Academic Services and Resources: A list of non-academic support and services is also available at UCF Student Services. Click on "Support" on the right-hand side to filter.

Campus Safety Statement: Emergencies on campus are rare, but if one should arise in our class, we will all need to work together. Everyone should be aware of the surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Please make a note of the guide’s physical location and consider reviewing the online version at http://emergency.ucf.edu/emergency_guide.html.
- Familiarize yourself with evacuation routes from each of your classrooms and have a plan for finding safety in case of an emergency.
- If there is a medical emergency during class, we may need to access a first aid kit or AED (Automated External Defibrillator). To learn where those items are located in any building, see http://www.ehs.ucf.edu/AEDlocations-UCF (In our building CB2, they are located on the 1st floor near the elevators.)
- To stay informed about emergency situations, sign up to receive UCF text alerts by going to my.ucf.edu and logging in. Click on “Student Self Service” located on the left side of the screen in the tool bar, scroll down to the blue “Personal Information” heading on your Student Center screen, click on “UCF Alert”, fill out the information, including your e-mail address, cell phone number, and cell phone provider, click “Apply” to save the changes, and then click “OK.”
- If you have a special need related to emergency situations, please speak with me during office hours.
- Consider viewing this video You CAN survive an active shooter about how to manage an active shooter situation on campus or elsewhere.

COVID-19: UCF expects that all members of our campus community who are able to do so get vaccinated, and we expect all members of our campus community to wear masks indoors, in line with the latest CDC guidelines. Masks are required in approved clinical or health care settings.

No-cost vaccines are available daily by appointment at the Student Health Center for faculty, staff, and students. You can make an appointment at https://studenthealth.ucf.edu/portal/, or click https://www.vaccines.gov/search/ to find another vaccine location near you.
• **COVID-19 and Illness Notification** – Students who believe they may have been exposed to COVID-19 or who test positive must contact UCF Student Health Services (407-823-2509) so proper contact tracing procedures can take place. Students should not come to campus if they are ill, are experiencing any symptoms of COVID-19 or have tested positive for COVID-19.

Students should contact their instructor(s) as soon as possible if they miss class for any illness to discuss reasonable adjustments that might need to be made. When possible, students should contact their instructor(s) before missing class.

• **In Case of Faculty Illness** – If the instructor falls ill during the semester, there may be temporary changes to this course, including having a backup instructor take over the course or going remote for a short time. Please look for announcements or mail in Webcourses@UCF or Knights email for any alterations to this course.

• **Course Accessibility** – Accommodations may need to be added or adjusted should this course shift from an on-campus to a remote format. Students with disabilities should speak with their instructor and should contact sas@ucf.edu to discuss specific accommodations for this or other courses.
## Course Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Additional Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 24:</td>
<td>Introduction &amp; Chapter 1 Fundamental Concepts</td>
<td></td>
</tr>
<tr>
<td>Aug 26:</td>
<td>Chapter 2 Chromosomes &amp; Cellular Reproduction</td>
<td>Fri, Aug 27 11:59pm</td>
</tr>
<tr>
<td>Aug 31:</td>
<td>Chapter 3 Basic Principles of Heredity</td>
<td>ADD/DROP deadline</td>
</tr>
<tr>
<td>Sep 02:</td>
<td>Chapter 3 Basic Principles of Heredity</td>
<td></td>
</tr>
<tr>
<td>Sep 07:</td>
<td>Chapter 4 Sex Determination &amp; Sex-linked Characteristics + AL Ex #1 (Mitosis &amp; Meiosis)</td>
<td></td>
</tr>
<tr>
<td>Sep 09:</td>
<td>Chapter 4 &amp; Chapter 5 Extensions &amp; Modifications of Basic Principles</td>
<td></td>
</tr>
<tr>
<td>Sep 14:</td>
<td>Chapter 5 Extensions &amp; Modifications of Basic Principles</td>
<td></td>
</tr>
<tr>
<td>Sep 16:</td>
<td><strong>EXAM 1 (Chapters 1, 2, 3, 4, 5)</strong></td>
<td></td>
</tr>
<tr>
<td>Sep 21:</td>
<td>Chapter 6 Pedigree Analysis &amp; Chapter 7 Linkage, Recombination &amp; Gene Mapping</td>
<td></td>
</tr>
<tr>
<td>Sep 23:</td>
<td>Chapter 7 Linkage, Recombination &amp; Gene Mapping &amp; Chapter 8 Chromosome Variation</td>
<td></td>
</tr>
<tr>
<td>Sep 28:</td>
<td>Chapter 8 Chromosome Variation + AL Ex #2 (Three-point Testcross)</td>
<td></td>
</tr>
<tr>
<td>Sep 30:</td>
<td>Chapter 10 DNA: The Chemical Nature of the Gene</td>
<td></td>
</tr>
<tr>
<td>Oct 05:</td>
<td>Chapter 10 DNA: The Chemical Nature of the Gene &amp; Chapter 11 Chromosome Structure</td>
<td></td>
</tr>
<tr>
<td>Oct 07:</td>
<td>Chapter 11 Chromosome Structure</td>
<td></td>
</tr>
<tr>
<td>Oct 12:</td>
<td><strong>EXAM 2 (Chapters 6, 7, 8, 10, 11)</strong></td>
<td></td>
</tr>
<tr>
<td>Oct 14:</td>
<td>Chapter 12 DNA Replication</td>
<td></td>
</tr>
<tr>
<td>Oct 19:</td>
<td>Chapter 12 DNA Replication + AL Ex #3 (DNA Replication Bubble)</td>
<td>Fri, Oct 29 11:59pm</td>
</tr>
<tr>
<td>Oct 21:</td>
<td>Chapter 13 Transcription</td>
<td></td>
</tr>
<tr>
<td>Oct 26:</td>
<td>Chapter 13 Transcription</td>
<td></td>
</tr>
<tr>
<td>Oct 28:</td>
<td>Chapter 14 RNA Molecules &amp; RNA Processing &amp; Chapter 15 Genetic Code &amp; Translation</td>
<td>Fri, Oct 29 11:59pm</td>
</tr>
<tr>
<td>Nov 02:</td>
<td>Chapter 15 Genetic Code &amp; Translation</td>
<td></td>
</tr>
<tr>
<td>Nov 04:</td>
<td><strong>EXAM 3 (Chapters 12, 13, 14, 15)</strong></td>
<td>WITHDRAWAL deadline</td>
</tr>
<tr>
<td>Nov 09:</td>
<td>Chapter 16 Control of Gene Expression in Bacteria &amp; Chapter 17 Gene Expression in Eukaryotes</td>
<td></td>
</tr>
<tr>
<td>Nov 11:</td>
<td><strong>Veterans Day - No Classes</strong></td>
<td></td>
</tr>
<tr>
<td>Nov 16:</td>
<td>Chapter 17 Control of Gene Expression in Eukaryotes + AL Ex #4 (Gene Expression)</td>
<td></td>
</tr>
<tr>
<td>Nov 18:</td>
<td>Chapter 18 Gene Mutations &amp; DNA Repair</td>
<td></td>
</tr>
<tr>
<td>Nov 23:</td>
<td>Chapter 19 Molecular Genetic Analysis &amp; Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Nov 25:</td>
<td><strong>Thanksgiving - No classes</strong></td>
<td></td>
</tr>
<tr>
<td>Nov 30:</td>
<td>Chapter 19 Molecular Genetic Analysis &amp; Biotechnology</td>
<td></td>
</tr>
<tr>
<td>Dec 02:</td>
<td><strong>EXAM 4 (Chapters 16, 17, 18, 19)</strong></td>
<td></td>
</tr>
<tr>
<td>Dec 07:</td>
<td><strong>Comprehensive FINAL EXAM</strong> (Tuesday 1:00pm- 3:50pm)</td>
<td></td>
</tr>
</tbody>
</table>

*Note that the instructor reserves the right to make changes to the syllabus or other aspects of the course at any time. These changes will be announced in class and in Webcourses.*