



BIOL 2311.001 Introduction to Modern Biology I

SPRING 2022 (JANUARY 18, 2022 – MAY 5, 2022)

The University of Texas at Dallas

TEXTBOOK: Biology by Russell 5e

CLASS HOURS, LOCATION: Monday, Wednesday, Friday, 10:00 – 10:50 AM (Online synchronous until February 7, then at SCI1.220)

Dr. Uma Srikanth: Office hours: MW 1:00 – 2:00 PM on MS TEAMS or by appointment only
Room number: FN 3.108

Email: ukrish@utdallas.edu

Course Modality and Expectations

Instructional Mode	SYNCHRONOUS ONLINE : https://go.utdallas.edu/syllabus-policies
Course Platform	Microsoft TEAMS. Link will be sent to all students, and posted on the Elearning Course page
Expectations	Lectures will be recorded and available on MS TEAMS. See course page on ELEARNING for recorded lecture links. Your exams and/or assignments will be available for a window of time and details will be posted on eLearning.
Guidelines	https://go.utdallas.edu/syllabus-policies
Office hours	<i>Look for the MS TEAMS link on Elearning</i>
Workshops	<i>Workshops will be conducted on Blackboard Collaborate in Elearning. Workshops start the week of January 24, 2022. See Power point titled "BLACKBOARD COLLABORATE INSTRUCTIONS".</i>

Course Materials

Power point lectures and grades will be posted on eLearning. Please look for the Cengage/MindTap links in Elearning.


Textbook and online tool for the course:

Required: Biology by Russell, 5th edition and the online access tool, MindTap v2.0



Options to purchase course materials: See red arrows!

When you register/login to Cengage through the link in your Blackboard, you will see a screen like this:

Materials for a Single Course	Pay for materials individually	CENGAGE UNLIMITED eTEXTBOOKS	CENGAGE UNLIMITED
 BIOLOGY 2311 Introduction to Modern Biology- Section 001 Enter access code	Single-term: \$113.00	—	✓ included
Unlimited Access			
All your Cengage course materials This includes access to MindTap, WebAssign, OpenNow, SAM, CNOWV2 and Owliv2 for all your classes.	—	—	✓
Our full library of eTextbooks The eTextbook(s) for your class(es) plus thousands of others you can use as references, paper sources or to supplement your studies.	—	✓	✓
Hardcopy textbook rental for eligible courses Get up to 4 FREE hardcopy textbook rentals + \$7.99 shipping and handling	—	✓	✓
Show more Benefits	Estimated Total \$113.00* BUY INDIVIDUALLY	This option does not include access to your online homework platform.	4-month access \$119.99 SUBSCRIBE NOW

Irrespective of the option you choose (shown in red), you will have access to the online tool and the ebook for two semesters.

The Cengage Unlimited SUBSCRIPTION

Cengage Unlimited subscription. With a Cengage Unlimited subscription, you will have access to ALL Cengage eBooks and digital learning products. Cengage Unlimited has a 4-month subscription, or a 12-month Unlimited subscription from the **UT-Dallas** bookstore. Cengage Unlimited subscriptions are also available at Cengage.com.

Ø Before you purchase your Cengage Unlimited subscription in the **UT-Dallas** Bookstore or at [cengage.com](https://www.cengage.com), check out which other courses at UT-Dallas are using Cengage products, and therefore eligible in the Cengage Unlimited subscription, here: https://www.cengage.com/coursepages/unlimited_utdallas.
Ø **Print rental:** You will be eligible for a **print rental** when you activate MindTap and subscribe to Cengage Unlimited. All you will pay is \$7.99, which includes shipping.
Ø **Loose-leaf keep:** For print you can keep, purchase a **loose-leaf version of the textbook at a discount** through Cengage Unlimited.
Bonus: When your Cengage Unlimited subscription ends, you can keep up to six eBooks in a digital locker and access them for one year. (Introductory offer). **Extra Help:** [cengage.com/start](https://www.cengage.com/start)

Course Co-requisites, and/or Other Restrictions:

Co-requisite: concurrent enrollment in BIOL 2111. Prerequisites for this course are General Chemistry I and II (1311 and 1312)

COVID-19 Guidelines and Resources

The following guidelines and resources outline expectations for students and instructors of record during the Spring 2022 semester.

Instructor Resources

Masks and Vaccinations

Texas Governor Greg Abbott's Executive Order [GA-38](#) prohibits us from mandating vaccines and face coverings for UT Dallas employees, students and members of the public on our campus. However, we strongly encourage all Comets to get vaccinated and wear face coverings as recommended by the CDC. Classroom Safety and COVID-19 To help preserve the University's in-person learning environment, UT Dallas recommends the following:

Adhere to the University's [CDC Updated Guidelines](#) issued on July 30, 2021. All Comets are strongly encouraged to wear face coverings indoors regardless of vaccination status.

Accommodations for Students Who Miss Class for Reasons Unrelated to COVID-19

Individual faculty maintain their discretion on whether and how to accommodate student absences unrelated to COVID-19.

Accommodations for Students Who Must Isolate or Quarantine Due to COVID-19

To keep the UT Dallas community as safe as possible, the University requires students who test positive for COVID-19 or who are close contacts as determined by the campus contact tracing program to isolate or quarantine as applicable. Faculty will be notified by the Dean of Students' Office if a student in their class has been required to isolate (positive case) or quarantine (exposed). Faculty must make lectures available for those students during the period the students must isolate or quarantine. Faculty who need assistance with providing these students access to course content can contact the eLearning Team at elearning@utdallas.edu. Faculty have the discretion to set an attendance policy for their in-person meetings, but the absences due to COVID-19 cannot be counted against an isolated or quarantined student.

Verifying COVID-19 Isolations or Quarantines

Students need to self-report COVID-19 positive results or exposures via an [online form](#) so that university campus tracers can verify, record, and take necessary campus precautions. When faculty are notified by students rather than by the Dean of Students' Office that the students are isolating or quarantining, the

faculty should remind students to self-report via the form; students should not attend class until cleared by campus tracers.

Vaccinations are widely available, free and not billed to health insurance. The vaccine will help protect against the transmission of the virus to others and reduce serious symptoms in those who are vaccinated. You are encouraged to [get a COVID-19 vaccine](#) and register your vaccination status through the [voluntary vaccine report form](#). If you have received your COVID-19 booster, you may register your status through the [voluntary COVID-19 booster reporting form](#).

Proactive Community Testing remains an important part of the university's efforts to protect our community. Tests are fast and free. Please check the [Comets United](#) webpage for additional information. [Student Safety](#) remains an important part of the UT Dallas' efforts to protect our community. All students will adhere to the Comet Commitment. Unvaccinated Comets will be expected to complete the mandatory [Required Daily Health Screening](#). Those students who do not comply will be referred to the Office of Community Standards and Conduct for disciplinary action under the [Student Code of Conduct – UTSP5003](#).

Visit [Comets United webpage](#) to obtain the latest information on the University's guidance and resources

[UT System Resources for Creating Accessible Course Content](#): designed to assist faculty with developing course content

Student Resources

Students who have tested positive for COVID-19 or may have been exposed should not attend class in person and should instead follow required disclosure notifications as posted on the university's website (see "[Student Safety protocols](#)").

COVID-19 Resources

[Comets United webpage](#): check frequently

[FAQ](#): check out the FAQs and reach out to your instructor or academic advisor if answers are not included

[Student Resources](#): a variety of resources are available to help students to obtain counseling, health care, and academic support.

Class Attendance

The University's attendance policy requirement is that individual faculty set their course attendance requirements. Regular and punctual class attendance is expected regardless of course modality. Students who fail to attend class regularly are inviting scholastic difficulty. In some courses, instructors may have special attendance requirements; these should be made known to students during the first week of classes. Faculty have the discretion to set an attendance policy for their in-person meetings, but the absences due to COVID-19 cannot be counted against a quarantined student.

Class Participation

Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. A portion of the grade in the course is directly tied to class participation. It also includes students' engagement in group or other activities during class that solicit feedback on homework assignments, readings, and/or materials covered in the lectures and/or labs. Class participation is documented by faculty. Successful class participation is defined as consistently adhering to university requirements, as presented in the syllabus. Failure to comply with these University requirements is a violation of the [Student Code of Conduct - UTSP5003](#).

Class Recordings

Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

NOTE: if the instructor records any part of the course, then the instructor will need to use the following syllabus statement:

The instructor may record meetings of this course. Any recordings will be available to all students registered for this class as they are intended to supplement the classroom experience. Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. If the instructor or a UTD school/department/office plans any other uses for the recordings, consent of the students identifiable in the recordings is required prior to such use unless an exception is allowed by law. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Class Materials

The instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course; however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Sharing Confidential Information

Students considering sharing personal information in email or in person should be aware that all University staff, faculty, teaching assistants/associates, and graduate/research assistants are required by UT Dallas policy to report information about sexual misconduct to the UT Dallas Title IX Coordinator. Additional information and resources may be found at <https://institutional-initiatives.utdallas.edu/title-ix/resources>.

Technical Support

If you experience any issues with your UT Dallas account, contact the UT Dallas [Office of Information Technology Help Desk](#) via e-mail at assist@utdallas.edu or via telephone at 972-883-2911.

UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The services include a toll-free telephone number for immediate assistance (1-866-588-3192), email request service at elearning@utdallas.edu, and an online chat service. Please use this link to access the UTD eLearning Helpdesk: <https://ets.utdallas.edu/elearning/helpdesk>.

Student Conduct and Discipline

The University of Texas System ([Regents' Rule 50101](#)) and UT Dallas have rules and regulations for the orderly and efficient conduct of their business. It is the responsibility of each student and each student organization to be knowledgeable about the rules and regulations which govern student conduct and activities. General information on student conduct and discipline is contained in the Student Complaints Resources in the online UT Dallas Undergraduate

Catalog, <https://catalog.utdallas.edu/now/undergraduate/resources/student-complaints> and the Graduate Catalog, <https://catalog.utdallas.edu/now/graduate/resources/student-complaints>.

UT Dallas administers student discipline within the procedures of recognized and established due process. Procedures are defined and described in the Student Code of Conduct, UTDSP5003 (<https://policy.utdallas.edu/utdsp5003>). Copies of these rules and regulations are available to students in the Office of Community Standards and Conduct, where staff members are available to assist students in interpreting the rules and regulations (SSB 4.400, 972-883-6330) and online at <https://conduct.utdallas.edu>.

A student at the University neither loses their rights nor escapes the responsibilities of citizenship. He or she is expected to obey federal, state, and local laws as well as the Regents' Rules, university regulations, and administrative rules. Students are subject to discipline for violating its standards of conduct whether such conduct takes place on or off campus, or whether civil or criminal penalties are also imposed for such conduct.

Social Media Use

The [Student Code of Conduct](#) includes behaviors conducted via any digital platform. Students may not use any digital platform to seek or provide unauthorized assistance for any assignment done for academic credit. Students may not use any digital platform to impersonate or represent any person other than themselves. Please consult with your instructor regarding authorized assistance.

Academic Integrity

The faculty expects from its students a high-level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrates a high standard of individual honor in his or her scholastic work. See <https://conduct.utdallas.edu/integrity>.

Academic Dishonesty: Academic dishonesty can occur in relation to any type of work submitted for academic credit or as a requirement for a class. It can include individual work or a group project. Academic dishonesty includes plagiarism, cheating, fabrication, and collaboration/collusion. In order to avoid academic dishonesty, it is important for students to fully understand the expectations of their professors. This is best accomplished through asking clarifying questions if an individual does not completely understand the requirements of an assignment.

Additional information related to academic dishonesty and tips on how to avoid dishonesty may be found here: <https://conduct.utdallas.edu/dishonesty>.

Copyright Notice

It is the policy of UT Dallas to adhere to the requirements of the United States Copyright Law of 1976, as amended, (Title 17, United States Code), including ensuring that the restrictions that apply to the reproduction of software are adhered to and that the bounds of copying permissible under the fair use doctrine are not exceeded. Copying, displaying, reproducing, or distributing copyrighted material may infringe upon the copyright owner's rights. Unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, may subject students to appropriate disciplinary action as well as civil and criminal penalties. Usage of such material is only appropriate when that usage constitutes "fair use" under the Copyright Act. For more information about the fair use exemption, see <https://guides.lib.utexas.edu/fairuse/home>. As a UT Dallas student, you are required to follow UT Dallas' copyright policy (UTDPP1043 at <https://policy.utdallas.edu/utdpp1043>) and the UT System's policy, UTS107 at <https://www.utsystem.edu/board-of-regents/policy-library/policies/uts107-use-copyrighted-materials>.

Email Use

UT Dallas recognizes the value and efficiency of communication between faculty/staff and students through electronic mail. At the same time, email raises some issues concerning security and the identity of each individual in an email exchange. All official student email correspondence will be sent only to a student's UT Dallas email address and UT Dallas will only consider email requests originating from an official UT Dallas student email account. This allows the University to maintain a high degree of confidence in the identity of each individual corresponding via email and the security of the transmitted information. UT Dallas furnishes each student with a free email account that is to be used in all communication with university personnel. The Office of Information Technology provides a method for students to have their UT Dallas mail forwarded to other email accounts. To activate a student UT Dallas computer account and forward email to another account, go to <https://oit.utdallas.edu/netid/self-service>.

Classroom Conduct Requirements Related to Public Health Measures

UT Dallas will follow the public health and safety guidelines put forth by the Centers for Disease Control and Prevention (CDC), the Texas Department of State Health Services (DSHS), and local public health agencies that are in effect at that time during the Spring 2022 semester to the extent allowed by state governance. Texas Governor Greg Abbott's Executive Order [GA-38](#) prohibits us from mandating vaccines and face coverings for UT Dallas employees, students, and members of the public on campus. However, we strongly encourage all Comets to get vaccinated and wear face coverings as recommended by the CDC. Check the [Comets United: Latest Updates webpage](#) for the latest guidance on the University's public health measures. Comets are expected to carry out [Student Safety](#) protocols in adherence to the Comet Commitment. Unvaccinated Comets will be expected to complete the [Required Daily Health Screening](#). Those students who do not comply will be referred to the Office of Community Standards and Conduct for disciplinary action under the [Student Code of Conduct - UTSP5003](#).

Making a False Alarm or Report Involving a Public or Private Institution of a Higher Education

Making a false threat at any Texas higher education institution is considered a State Jail Felony, not a Class A misdemeanor, according to a law passed by the Texas Legislature.

This legislation was enacted in response to several threats in past years at several universities across the U.S. that disrupted classes and prompted evacuation of campus property, even though the reports turned out to be a hoax.

This law relates to the offense of making or causing a false alarm or report involving a public or private institution of higher education. A person commits an offense under Section 42.06, Texas Penal Code, if he or she knowingly initiates, communicates or circulates a report of a present, past, or future bombing, fire, offense, or another emergency that he or she knows is false or baseless and that would ordinarily:

- 1. Cause action by an official or volunteer agency organized to deal with emergencies.*
- 2. Place a person in fear of imminent serious bodily injury; or*
- 3. Prevent or interrupt the occupation of a building, room, place of assembly, place to which the public has access, or aircraft, automobile, or other mode of conveyance.*

An individual adjudged guilty of a state jail felony shall be punished by confinement in a state jail for any term of not more than two years or less than 180 days and, in addition to confinement, may be punished by a fine not to exceed \$10,000.

UT Dallas students should be aware that the State of Texas takes these threats seriously, and the legal consequences, which are severe, go beyond anything that the University's disciplinary committee can address.

This information is also included in the online UT Dallas Undergraduate Catalog, <https://catalog.utdallas.edu/now/undergraduate/policies/false-alarms> and in the Graduate Catalog, <https://catalog.utdallas.edu/now/graduate/policies/false-alarms>.

Interactive Campus Map – Locate Severe Weather Shelters, Elevators, and Bathrooms

The interactive campus map (<https://map.utdallas.edu>) allows users to search for severe weather shelter areas in each building. On the map, click on a building and select "Storm Shelters" from the "Find" drop-down menu. Remember, a severe weather shelter area is usually any interior room without windows, such as a restroom, hallway, conference room, or office. Try to find shelter on the lowest floor of the building and stay away from large auditoriums or gyms. Users can also use the same map to locate elevators and bathrooms.

Academic Support Resources <https://go.utdallas.edu/academic-support-resources>

Undergraduate Students

Graduation Help Desk

The [Graduation Help Desk](#) is a one-stop resource within the Office of Undergraduate Education designed to help undergraduate students overcome obstacles to a timely graduation. The Graduation Help Desk supports undergraduate students, faculty and staff to develop solutions to complex academic and non-academic issues. This resource is equipped to promote all undergraduate students' success by helping them at any point during their academic careers from their arrival at UT Dallas until their graduation. Contact the Graduation Help Desk at graduationhelpdesk@utdallas.edu.

Student Success Center

The [Student Success Center \(SSC\)](#) offers assistance to students in the areas of writing, mathematics, communication, multiple science fields, study skills, and other academic disciplines. These services are available through individual appointments, small group appointments, drop-in labs, workshops, and weekly reviews. All undergraduate students enrolled at UT Dallas are eligible to participate in these services. Not all courses will be supported by all services. Please check the website at the beginning of each semester to find out which courses are supported by which services.

The Student Success Center's main office is located in the McDermott Library Building on the first floor, MC 1.302, and can be contacted by calling 972-883-6707 or by sending an email to ssc@utdallas.edu.

Additional university resources, "Resources for Study and Campus Life" are listed in the online Undergraduate Catalog, <https://catalog.utdallas.edu/now/undergraduate/resources/index>. [COVID-19 Guidelines and Resources](#)

The information contained in the link lists the University's COVID-19 resources for students and instructors of record.

Please see <http://go.utdallas.edu/syllabus-policies>

Course Description:

Biology 2311 – This course presents some of the basic concepts of modern Biology with an emphasis on the molecular and cellular basis of biological phenomena. Topics include metabolism of biological macromolecules, cell structure and function, cellular respiration, cell division, cell cycle, cell signaling, classical and molecular genetics, and DNA replication, transcription, and translation. Some landmark experiments that will help provide an in depth understanding of the concepts will be discussed.

Student Learning Outcomes:

1. Students will be able to define the subcellular structures, macromolecules in a eukaryotic cell
2. Students will be able to explain and describe the basic functions of cells including energy production and utilization (in animal and plant cells), cell division, the basic mechanisms of genetic inheritance, structure of DNA, discovery of DNA, transcription and translation process, the regulation of gene expression, and selected aspects of the molecular basis of cancer.
3. Students will be able to understand basic cell signal transduction pathways and their final responses inside cells
4. Students will be able to develop hypotheses to interpret experimental observations and devise experiments to test these hypotheses.

WORKSHOPS

WORKSHOPS BEGIN THE WEEK OF January 24, 2022

<u>WORKSHOPS</u>	<u>TIMES</u>
2111- 001	Mon 1:00 – 1:50 PM
2111- 002	Mon 3:00 – 3:50 PM
2111-003	Tue 8:00 – 8:50 AM
2111- 004	Tue 10:00 – 10:50 AM
2111-005	Wed 1:00 – 1:50 PM
2111- 006	Wed 4:00 – 4:50 PM
2111-007	Th 8:00 – 8:50 AM
2111-008	Th 8:00 – 8:50 AM
2111-009	Th 10:00 – 10:50 AM
2111-010	Fri 1:00 – 1:50 PM

Our Undergraduate Teaching Assistants (UGTAs) will be leading the workshops and our Dream Team Tas' will guide the workshop Tas', and help in organizational and executive details of these workshops, under the supervision of the instructor. Graduate Student Teaching Assistants (GTAs) will be responsible for grading of tests, if needed. Our GTAs will grade based on the rubric provided by the instructor. The final letter grades are ASSIGNED BY THE INSTRUCTOR. Midterm grades will be assigned depending on the instructor's grading guidelines and letter grade assignments.

All students enrolled in BIOL 2311 must also enroll in a workshop (BIOL 2111). Homework assignments and quizzes may be reviewed during workshop. Questions remaining about lecture material will be addressed during workshop. The same grade will be assigned for both BIOL 2311 and BIOL 2111. If you drop the course, you must drop both 2311 and 2111.

All students enrolled in BIOL 2311 must also enroll in a workshop (BIOL 2111). If for any reason you decide to drop BIOL 2311, you must also drop BIOL 2111!

SCHEDULE OF LECTURES

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.

Blue shading indicates synchronous online lectures

Olive green shading indicates EXAM dates

Orange shading indicates quiz dates

	Lectures		Chapter Names	Chapter #’s	Quizzes
Week 1	1	Jan 19	Introduction and Biological Molecules	3	
	2	Jan 21	Biological Molecules	3	
Week 2	3	Jan 24	Biological Molecules	3	
	4	Jan 26	Cells	4	
	5	Jan 28	Cells	4	
		Assignments due Jan 29	Check Elearning		
Week 3	6	Jan 31	Cells	4	Quiz 1 Lectures 1-5
	7	Feb 2	Cells	4	
	8	Feb 4	Membranes and Transport	5	
		Assignments due Feb 5	Check Elearning		
Week 4	9	Feb 7	Membranes and Transport	5	
	10	Feb 9	Membranes and Transport	5	
	11	Feb 11	Energy	6	
		Assignments due Feb 12	Check Elearning		
Week 5	12	Feb 14	Energy	6	Quiz 2 Lectures 6 -11
	13	Feb 16	Energy	6	
	14	Feb 18	EXAM 1 Review		
		No Assignments due			
Week 6		Feb 21	EXAM 1		Lectures 1- 14
	16	Feb 23	Harvesting Energy	7	
	17	Feb 25	Harvesting Energy	7	
		Assignments due Feb 26			
Week 7	18	Feb 28	Enzyme regulation & Harvesting Energy	6 &7	
	19	Mar 2	Harvesting Energy	7	
	20	Mar 4	Harvesting Energy	7	
		Assignments due Mar 5	Check Elearning		
Week 8	21	Mar 7	Mitosis	7	Quiz 3 Lectures 16-20
	22	Mar 9	Mitosis	10	
	23	Mar 11	Meiosis	10 & 11	
		Assignments due Mar 12	Check Elearning		
Week 9		March 14 -18	Spring Break Holiday		
		Assignments due Mar 19	Check Elearning		

Week 10	24	Mar 21	Cell Cycle	10	Quiz 4 Lectures 21 - 23
	25	Mar 23	Cell Cycle	10	
	26	Mar 25	Review for EXAM 2		
		Assignments due Mar 26			
Week 11		Mar 28	EXAM 2		Lectures 16-26
	28	Mar 30	Cell – Cell Communication	9	
	29	Apr 1	Cell – Cell Communication	9	
		Assignments due Apr 2	Check Elearning		
Week 12	30	Apr 4	Mendelian Genetics and Genes, Chromosomes and Human Genetics	12, 13	
	31	Apr 6	Genes, Chromosomes and Human Genetics	13	
	32	Apr 8	Genes, Chromosomes and Human Genetics	13	
		Assignments due Apr 9	Check Elearning		
Week 13	33	Apr 11	Genes, Chromosomes and Human Genetics	13	Quiz 5 Lectures 28-32
	34	Apr 13	DNA Discovery	14	
	35	Apr 15	Review for Exam 3		
		Assignments due Apr 16	Check Elearning		
Week 14		Apr 18	EXAM 3		Lectures 28-33 & 35
	37	Apr 20	DNA Replication	14	
	38	Apr 22	DNA Replication	14	
		Assignments due Apr 23	Check Elearning		
Week 15	39	Apr 25	DNA Replication	14	Quiz 6 Lectures 34, 37 & 38
	40	Apr 27	From DNA to Protein	15	
	41	Apr 29	From DNA to Protein	15	
		Assignments due Apr 30	Check Elearning		
Week 16	42	May 2	From DNA to Protein	15	
	43	May 4	Regulation of Gene Expression	16	Quiz 7 Lectures 39 - 42
		TBD	EXAM 4		Lectures 34, & 37-43

Grading Policy

There will be seven quizzes, and four exams given in BIOL 2311. The different tests and their weighted scores are listed below. Scoring on the exams is done by the graduate Teaching Assistants, but the Instructor determines in

advance what key points must be included in each answer to get full credit. The Instructor checks your scores after the TA has graded the exams, and assigns letter grades.

If you have questions about the grading or your performance in an exam, please see the instructors as soon as possible. Although letter grades may be provided after each exam, these should be treated only as a reflection of your relative performance when compared to the rest of the class. **The final course grade will be based NOT on these individual letter grades, but on the total of the numeric scores of all four exams and the homework/quizzes. Exact grade cutoff will be determined based on grouping of total numerical grades. + and – will be assigned within each letter grade to further distinguish subgroups.**

Students are assessed based on:

1. **EXAMS**
2. **Quizzes**
3. **Learn it Assignments**
4. **Apply it and Case study assignments and MindTap quizzes**

EXAMS:

1. There are four exams in this course.
2. All EXAMS are required.
3. EXAM DATES are shown in the syllabus.
4. EXAM 4 (Date -TBD) is not cumulative.
5. All EXAMS will cover chapters taught in prior lectures.
6. EXAMS will be structured in two parts. It will be a mixture of multiple choice, T/F, Fill-in the blanks, mix and match, and a few free response questions.
7. Once the exam is graded, you may approach the instructor during office hours to go over your free-response portion of the exam.
8. Please see below for MAKE-UP Exam rules.
9. NO EXAM GRADE WILL BE DROPPED FROM THE FINAL GRADE CALCULATION
10. The window for the exam will be from 11:00 – 12:30 PM on the assigned day.
11. On the day of the EXAM, there are no lectures.
12. **EXAMS are closed book. No outside resources are allowed.**

Quizzes:

1. There are 6 quizzes in this class. Your lowest quiz will be dropped.
2. Each QUIZ is worth 10 points or more with bonus.
3. QUIZZES maybe a combination of multiple choice, T/F, fill-in the blank, short answers, and mix-and-match style questions.
4. You have **10 minutes** to complete the quiz
5. Quizzes will be taken online.
6. Quizzes will be available for 30 minutes beginning from 10:40 AM – 11:15 AM on the day of the quiz.
7. Quizzes are closed book – no resources are allowed.

MindTap ASSIGNMENTS:

Assignment details will be posted on Elearning. All these assignments (pre, post and other) together will account for 12.5% of your final grade. Assessments will not be accepted past the due date. Please keep checking the Elearning course page for links to take you to the date view for assessments for every chapter. Please note that the assessments will be released in blocks according to the syllabus.

LEARN IT:

1. These assignments may be assigned every week.
2. These assignments may be set up for grading.
3. These assignments may be timed
4. If you incur technical difficulties, please email me the day before the assessment is due.
5. These assessment links can be found on the Elearning course page. **USE THIS LINK TO ACCESS AND COMPLETE YOUR LEARN IT ASSESSMENT.**

APPLY IT:

These are assessments after the Chapter is discussed in lecture

1. These may be assigned every week.
2. These are graded assignments only.
3. **Some of these assignments** may be set up for **more than one attempt** and the best score will be recorded.
4. Case study assignments that are included will follow the same rules as mentioned in 2 and 3.
5. The assessment links can be found on the Elearning course page under Chapter numbers. **PLEASE ONLY USE THESE LINKS TO DO YOUR ASSESSMENTS.**
6. These assessments may be timed.
7. If you incur technical difficulties, please email me the day before the assignment is due.

NOTE - Once you have completed these assignments, it will populate in your gradebook automatically. Please note that if you log into MindTap/Cengage and do your assessment, your grade might not effectively transfer over to Elearning.

Only assignments with links on Elearning will be counted towards your final grade. So please complete these assignments using the links on ELERANING.

MindTAP quizzes: These are quizzes that will be assigned on the learning tool. These scores are included as part of the final grade as well. Links to these will be posted on elearning as well.

MAKE-UP EXAMS:

These exams will be scheduled on a need only basis. If you are unwell and unable to attend the exam, please email the instructor at the earliest available opportunity. Also, please remember to provide a copy of the doctor's note on the day your make-up exam is scheduled.

EXAM VIEWING OFFICE HOURS

Instructors will send announcements on elearning about office hours for discussing exams after they have been graded. Please be sure to come and visit the instructor virtually during office hours. No grade changes will be made **three weeks after the date of the exam.**

EXTRA CREDIT AND SPECIAL ASSIGNMENTS: This course has no extra credit or special assignment options.

GRADE CALCULATIONS:

Your numerical grade will be calculated as follows:

	<i>Total #</i>	<i>points for each</i>	<i>Dropped</i>	<i>Maximum possible points</i>	<i>% of final grade</i>
<i>Lecture Exams</i>	<i>4 (equally weighted)</i>	<i>50 or greater</i>	<i>0</i>	<i>200 or greater</i>	<i>80% (weighted)</i>
<i>Quizzes</i>	<i>7</i>	<i>10 or greater</i>	<i>1</i>	<i>60 or greater</i>	<i>7.5% (weighted)</i>
<i>Learn it</i>	<i>11 or less</i>	<i>varied</i>	<i>None</i>	<i>Varied and graded</i>	<i>4% (weighted)</i>
<i>Apply it and Case Studies</i>	<i>Greater than 11</i>	<i>varied</i>	<i>None</i>	<i>Varied and graded</i>	<i>5% (weighted)</i>
<i>Quizzes on MindTap</i>	<i>5</i>	<i>varied</i>	<i>None</i>	<i>Varied and graded</i>	<i>3.5% (weighted)</i>
			<i>TOTAL</i>	<i>Total points</i>	<i>100% (weighted)</i>

Although letter grades may be provided after each exam, these should be treated only as a reflection of your relative performance when compared to the rest of the class. The final course grade will not be based on these individual letter grades, but on the total of the numeric scores of all four exams, the quizzes and the assessments. There is no work available for extra credit for this course. The midterm and final grades assigned to the lecture section of the course (BIOL 2311) will be assigned to your workshop course (BIOL 2111-) as well.

GRADING SCALE:

This will be determined by the instructor at the end of the course. Midterm grading scale may be posted and may be different from final grading scale.

Grading Policies:

Mid-Term Grades

Students are issued mid-term grades to apprise them of their progress within the semester. Mid-term grades are important for advising and retention purposes, therefore it is vital that the grades accurately reflect academic progress. These grades are not a part of the permanent record and will not appear on academic transcripts. Some classes will only issue a grade of credit or no credit at mid-term. 'MN' grade is used for midterm grading only. It signifies that the instructor does not have enough information on a particular student to determine a midterm grade. It may not be used for final grading purposes.

Credit/No Credit and Pass/Fail Grading Options

Students are encouraged to review the online catalogs regarding Credit/No Credit or Pass/Fail courses. Students should consult their academic advisors to understand what it means for their academic careers before completing the form prior to Census Day.

Undergraduate students: please review the [Credit/No Credit Classes](#) section in the Undergraduate Catalog.

Graduate students: please review the [Pass/Fail Grading](#) section in the Graduate Catalog.

Withdrawal from Class

The administration at UT Dallas has established deadlines for withdrawal from any course. These dates and times are published in the Comet Calendar (<http://www.utdallas.edu/calendar>) and in the Academic Calendar (<http://www.utdallas.edu/academiccalendar>). It is the student's responsibility to handle withdrawal requirements from any class. In other words, a professor or another instructor cannot drop or withdraw any student unless there is an administrative drop such as the following:

- Not meeting the prerequisites for a specific course
- Not satisfying the academic probationary requirements, resulting in suspension
- An Office of Community Standards and Conduct request
- Not making appropriate tuition and fee payments
- Enrollment is in violation of academic policy
- Not admitted for the term in which they registered

It is the student's responsibility to complete and submit the appropriate forms to the Registrar's Office and ensure that he or she will not receive a final grade of "F" in a course if he or she chooses not to attend the class after being enrolled.

Undergraduate students: please review the [Dropping and Withdrawing](#) section in the catalog.

Graduate students: please review the [Schedule Changes: Dropping, Adding and Withdrawing](#) from Courses section in the catalog.

Student Grievance Procedures

Procedures for student grievances are found in university policy UTDSP5005 (<https://policy.utdallas.edu/utdsp5005>). In attempting to resolve any student grievance regarding disputes over grades, application of degree plan, graduation/degree program requirements, and thesis/and dissertation committee, adviser actions and/or decisions, evaluations, and/or other fulfillments of academic responsibility, it is the obligation of the student first to make a serious effort to resolve the matter with the instructor, supervisor, administrator, or committee with whom the grievance originated.

Incomplete Grade Policy

As per university policy, incomplete grades may be given at the discretion of the instructor of record for a course, when a student has completed at least 70% of the required course material but cannot complete all requirements by the end of the semester. An incomplete course grade (grade of 'I') must be completed within the time period specified by the instructor, not to exceed eight (8) weeks from the first day of the subsequent long semester. Upon completion of the required work, the grade of 'I' may be converted into a letter grade (A through F). If the grade of Incomplete is not removed by the end of the specified period, it will automatically be changed to a grade of F. The incomplete grade policy is included in the online UT Dallas Undergraduate Catalog, <https://catalog.utdallas.edu/now/undergraduate/policies/academic#incomplete-grades> and the Graduate Catalog, <https://catalog.utdallas.edu/now/graduate/policies/grades#grade-of-i-incomplete>.

ADDITIONAL LINKS:

Supplemental Instruction (SI) is offered for this course. SI sessions are free group study opportunities, scheduled twice every week. These sessions are facilitated by an SI Leader, who has taken the course recently and has achieved a high final grade. Our SI leader for this semester is **RIDDHI PAREEK**. Attendance is voluntary. For information about the days, times, and locations for SI sessions, refer to <http://www.utdallas.edu/studentsuccess/help-with-courses/supplemental-instruction/>

COMET CREED:

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

Accommodations for Students with Disabilities

It is the policy and practice of UT Dallas to make reasonable accommodations for students with properly documented disabilities. If you are a student with a disability and believe you will need academic accommodations for this class, you are encouraged to register with the Office of Student AccessAbility (OSA). Some aspects of the course, the assignments, the in-class activities, and the way the course is typically taught may be accommodated to facilitate your participation and progress. OSA will assist you in determining academic accommodations that are appropriate for your situation. Any information you provide is private and confidential and will be treated as such. To avoid any delay, please contact OSA as soon as possible. Please note that accommodations are not retroactive and disability accommodations cannot be provided until an OSA Letter of Accommodation has been given to the instructor. Students who have questions about receiving accommodations, or those who have, or think they may have, a disability (mobility, sensory, health, psychological, learning, etc.) are invited to contact OSA for a confidential discussion. OSA is located in the Administration Building, AD 2.224 They can be reached by phone at 972-883-2098, or by email at studentaccess@utdallas.edu.

DISABILITY SERVICES

The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non-disabled peers. Disability Services is located in room 1.610 in the Student Union. Office hours are Monday and Thursday, 8:30 a.m. to 6:30 p.m.; Tuesday and Wednesday, 8:30 a.m. to 7:30 p.m.; and Friday, 8:30 a.m. to 5:30 p.m.

*The contact information for the Office of Disability Services is:
The University of Texas at Dallas, SU 22
PO Box 830688
Richardson, Texas 75083-0688
(972) 883-2098 (voice or TTY)*

Essentially, the law requires that colleges and universities make those reasonable adjustments necessary to eliminate discrimination on the basis of disability. For example, it may be necessary to remove classroom prohibitions against tape recorders or animals (in the case of dog guides) for students who are blind. Occasionally an assignment requirement may be substituted (for example, a research paper versus an oral presentation for a student who is hearing impaired). Classes enrolled students with mobility impairments may have to be rescheduled in accessible facilities. The college or university may need to provide special services such as registration, note-taking, or mobility assistance.

It is the student's responsibility to notify his or her professors of the need for such an accommodation. Disability Services provides students with letters to present to faculty members to verify that the student has a disability and

needs accommodations. Individuals requiring special accommodation should contact the professor after class or during office hours.

STUDENT RESOURCES

WELCOME BACK!

Comet Cupboard

Provides food and personal care items to all UTD student. Visit website for hours, or contact: cupboard@utdallas.edu

Student Counseling Center

Provides mental health counseling (anything from testing anxiety to self-care) and psychiatric services to all UTD students. All students eligible for 6 free sessions. Visit website for hours, or contact: counselingcenter@utdallas.edu

Or contact UTD crisis hotline for all non-emergency situations: 972-883-8255 (972-UTD-TALK)

OIT

Provides laptops and AV equipment to all UTD centers. Visit website for hours, or contact: assist@utdallas.edu