BIOL 2311.501 Introduction to Modern Biology I

FALL 2021 (AUGUST 21, 2023 – DECEMBER 7, 2023)

The University of Texas at Dallas

TEXTBOOK: Biology: The Dynamic Science by Russell 5/e
CLASS HOURS, LOCATION: Monday, Wednesday, Friday, 05:00 – 05:50 PM (SLC 1.102)
WORKSHOP HOURS, LOCATION: Fridays 06:00-06:50 PM (SLC 1.102)

Professor's contact information

Ramesh Padmanabhan, PhD
Office: FN 3.202
E-mail: ramesh.padmanabhan@utdallas.edu
Office Hours: By appointment only. The students are expected to make appointments by e-mailing the professor ahead of time. MS Teams preferred.

Course Modality and Expectations

Instructional Mode-Lectures and Workshops: Traditional classroom face-to-face.
Exams: Exams will be given at UT Dallas testing center. Please refer to the exam section for more details.
Quizzes and assignments: Quizzes will be given during the workshop on e-learning. There will be MindTap assignments for each chapter with due dates.

Course Policies

The instructor will provide class & lecture materials that will be made available to all students registered for this class on e-learning 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.

Class Attendance

The University's attendance policy requirement is that individual faculty set their course attendance requirements. Regular and punctual class attendance is expected. Students who fail to attend class regularly are inviting scholastic difficulty. For BIOL 2311.501, attendance will be taken in each class during the semester (Details below on **Page 12**).

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 for this course is directly tied to your participation in this class. It also includes attendance, activities such as workshop quizzes, homework assignments, readings or materials covered in the lectures. Class participation is documented

by faculty. Successful 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.

Class Audio/Video Recordings

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. Those approved recordings may not be published, reproduced or shared with those 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.

Classroom Citizenship – 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".

Academic Support Resources

The information contained in the following link lists the University's academic support resources for all students.

Please see http://go/utdallas.edu/academic-support-resources.

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please review the catalog sections regarding the credit/no credit or pass/fail grading option and withdrawal from class. Please visit http://go.utdallas.edu/syllabus-policies for more information.

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 Cell structure, Biological macromolecules, cell structure and function, cellular respiration, cell division, cell cycle, cell signaling, classical and molecular genetics, DNA discovery and replication, Gene expression – transcription and translation. Some landmark experiments that will provide an in-depth understanding of the concept will be discussed.

Course Objectives

This course is organized to engage students to explore the fundamental concepts in Biology. The objective is to review the current concepts pertinent to introductory molecular and cellular aspects of biology. Scientific methodology and experimentation that contributes to our understanding of structural and functional aspects of biological macromolecules and cell structure is stressed.

Student Learning Outcomes

1. Students will be able to define the subcellular structures, macromolecules in prokaryotic and eukaryotic cells.
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, DNA discovery and structure, basic mechanisms and regulation of gene expression – transcription and translation, and some aspects of the molecular basis of cancer.

3. Students will be able to understand basic cell signal transduction pathways and their specific cellular and physiological responses.
4. Students will be able to develop hypotheses to interpret experimental observations and devise experiments to test these hypotheses.

Course Corequisites, Pre-requisites, and/or Other Restrictions

Co-requisites: Concurrent enrollment in BIOL 2111, Introduction to Modern Biology 1 Workshop.
Pre-requisites: (CHEM 1311 or CHEM 1315) and (CHEM 1312 or CHEM 1316) or CHEM 1301.

Course Materials

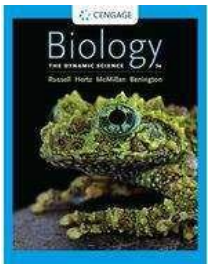
PowerPoint lectures and grades will be posted on eLearning. Please look for the Cengage/MindTap link in eLearning for homework and assignments.

Textbook and online tool for the course

Required: Biology by Russell, 5th edition and the online access tool, MindTap v2.0. Please visit the UT Dallas bookstore at https://www.bkstr.com/texasatdallasstore/shop/textbooks-and-course-materials If you want to purchase the textbook from the bookstore.

Biology: The Dynamic Science, 5th Edition

Peter J. Russell; Paul E. Hertz; Beverly McMillan; Joel H. BeningtonISBN-10: 0-357-13489-3
ISBN-13: 978-0-357-13489-4



Cengage Unlimited: https://www.cengage.com/unlimited/ (do not create an account immediately)

1. The materials required for this class-and any other classes using Cengage products-are included in ONE Cengage Unlimited subscription. For $119.99 per semester, you get access to all your Cengage e-textbooks and online homework in ONE place.
2. choose one of three levels of access:
   I. $119.99 per term (4 months) - If you are taking both BIOL 2311 and 2312 in Fall 2023,choose this option.
   II. $179.99 a year (12 months)- If you are taking BIOL2311 and BIOL2312 this Fall and Spring 2024, choose this option to cover all materials for a FULL year.
   III. $239.99 for 2 years (24 months).

All three options include:

- Access an e-book to the edition shown above.
- Access MindTap software for learn it exercises, homework and quizzes.
- Four FREE hardcopy textbook rentals for select titles, just pay $7.99 S&H each text.

Depending on the option you choose, you will have access to the online tool and the e-book for either Fall 2023 only or for both Fall 2023 and Spring 2024. This will be good for students who register for

BIOL2311 in Fall 2023 and who are planning to register for BIOL2312 in Spring as mentioned above. Prices may change as set by the publisher.

Instructions to register for MindTap

This course requires an online learning platform called MindTap. Follow the instructions below to get started.

Register for your MindTap Course

1. Use the course registration link https://student.cengage.com/course-link/MTPN2CZ3PMHN
2. Follow the instructions on screen to create your Cengage account and register for this MindTap course.
3. Begin your temporary access* period.

Need help? Visit the Cengage Start Strong Website for step-by-step instructions: https://startstrong.cengage.com

*Temporary Access: You can access your MindTap course until 5:00 AM (UTC) on **9/4/2023** for **free**. At the end of the temporary access period, you will be prompted to purchase access. Your work will be saved and will be available to you again once you have completed your purchase.

NOTE: If the cost of your course materials is included in your tuition, you will not need to purchase access.

MindTap Tips & Training Tools

Learn more about navigating your MindTap course: (https://help.cengage.com/mindtap/mt-student/introduction.html).

Technical Support & Troubleshooting

Our US-based support team delivers answers and advice via 24/7 online chat, Twitter, live phone support (1-800-354-9706) and through support.cengage.com, which includes helpful articles, and tutorials.

If you are having trouble loading MindTap, run the MindTap browser check to make sure your browser is compatible or refer to the MindTap System Requirements (link below).

https://ng.cengage.com/static/browsercheck/index.html

If MindTap isn't loading, be sure to visit Techcheck to see if there is an outage (link below).

https://techcheck.cengage.com

Cengage Unlimited Subscription

With 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. Please visit UT Dallas bookstore for more information - https://www.bkstr.com/texasatdallasstore/shop/textbooks-and-course-materials.

Cengage Unlimited subscriptions are also available at Cengage.com.

All Students enrolled in BIOL 2311 must also enroll in BIOL 2111 Intro to Modern Biology I workshop. Questions pertaining to the class materials may be discussed and addressed during the workshop. Students are advised to attend the workshops regularly. Workshop assignments will be posted on eLearning in the Workshop section under assignments folder. Workshops are conducted by the

undergraduate teaching assistants supervised by graduate teaching assistants. More information about workshop assignments will be provided in the Workshop section. There is no separate grade for the workshop. The same grade will be assigned for both BIOL 2311 and BIOL 2111. If you wish to drop the course, you must drop both BIOL 2311 and BIOL 2111.

ALL STUDENTS ENROLLED IN BIOL 2311 MUST ALSO ENROLL IN BIOL 2111 WORKSHOP. IF FOR ANY REASON YOU DECIDE TO DROP BIOL 2311, YOU MUST ALSO DROP BIOL 2111!!

TENTATIVE SCHEDULE

BIOL 2311.501 FALL 2023 Tentative Schedule

Week	Lecture #	Days	Dates	Reading from Textbook	Lecture topic
1	1	M	8/21/2023	Chapter 3	Introduction, syllabus and Biological Molecules
	2	W	8/23/2023	Chapter 3	Biological Molecules
	3	F	8/25/2023	Chapter 3	Biological Molecules
2	4	M	8/28/2023	Chapter 3	Biological Molecules
	5	W	8/30/2023	Chapter 3	Biological Molecules
	6	F	9/1/2023	Chapter 3/chapter 4	Biological Molecules/Cells
3		M	9/4/2023	LABOR DAY HOLIDAY	NO CLASS
	7	W	9/6/2023	Chapter 4	Cells
	8	F	9/8/2023	Chapter 4	Cells
4	9	M	9/11/2023	Chapter 4/Chapter 5	Cells/Membranes and Transport
	10	W	9/13/2023	Chapter 5	Membranes and Transport
	11	F	9/15/2023	Chapter 5	Membranes and Transport
5	12	M	9/18/2023	Chapter 3,4,5	**Review**
9/20/2023-9/22/2023 Exam 1 (UT Dallas Testing Center) Chapters 3,4,5					
5	13	W	9/20/2023	Chapter 6	Energy
	14	F	9/22/2023	Chapter 6	Energy
6	15	M	9/25/2023	Chapter 7	Cellular Respiration
	16	W	9/27/2023	Chapter 7	Cellular Respiration
	17	F	9/29/2023	Chapter 7	Cellular Respiration
7	18	M	10/2/2023	Chapter 10	Cell Cycle
	19	W	10/4/2023	Chapter 10	Cell Division-Mitosis
	20	F	10/6/2023	Chapter 11	Meiosis

8	21	M	10/9/2023	Chapters 6,7,10,11	**Review**
10/11/2023-10/13/2023 Exam 2 (UT Dallas Testing Center) Chapters 6,7,10,11					
8	22	W	10/11/2023	Chapter 9	Cell-Cell Communication
	23	F	10/13/2023	Chapter 9	Cell-Cell Communication
9	24	M	10/16/2023	Chapter 12	Mendelian Genetics
	25	W	10/18/2023	Chapter 12	Mendelian Genetics
	26	F	10/20/2023	Chapter 12	Mendelian Genetics
10	27	M	10/23/2023	Chapter 17	Bacterial and Viral Genetics
	28	W	10/25/2023	Chapter 17	Bacterial and Viral Genetics
	29	F	10/27/2023	Chapter 17	Bacterial and Viral Genetics
11	30	M	10/30/2023	Chapter 9,12,17	**Review**
11/1/2023-11/3/2023 Exam 3 (UT Dallas Testing Center) Chapters 9,12,17					
11	31	W	11/1/2023	Chapter 14	DNA Discovery
	32	F	11/3/2023	Chapter 14	DNA Replication
12	33	M	11/6/2023	Chapter 14	DNA Replication
	34	W	11/8/2023	Chapter 14	DNA Replication
	35	F	11/10/2023	Chapter 15	From DNA to Protein
13	36	M	11/13/2023	Chapter 15	From DNA to Protein
	37	W	11/15/2023	Chapter 15	From DNA to Protein
	38	F	11/17/2023	Chapter 15	From DNA to Protein
11/20/2023-11/24/2023 Fall Break and Thanksgiving Break - No Classes					
15	39	M	11/27/2023	Chapter 16	Regulation of Gene Expression
	40	W	11/29/2023	Chapter 16	Regulation of Gene Expression
	41	F	12/1/2023	Chapter 16	Regulation of Gene Expression
16	42	M	12/4/2023	**Chapters 14, 15, 16 Review**	
	43	W	12/6/2023		
12/11/2023-12/13/2023 Exam 4 Finals (UTD Testing Center) Chapters 14,15,16					

NOTE: The professor holds the right to change the syllabus/schedule at any point during the semester.

WORKSHOP SCHEDULE
Fridays 6:00PM-6:50PM SLC 1.102

BIOL 2111.503 FALL 2023 Workshop Schedule

Week	Day	Date	Chapters Covered	Workshop Quiz
1	Friday	8/25/2023	No Workshop	None
2	Friday	9/1/2023	Chapter 3. Biomolecules	WSQ-1
3	Friday	9/8/2023	Chapter 4. Cells	WSQ-2
4	Friday	9/15/2023	Chapter 5. Membranes and Transport	WSQ-3
5	Friday	9/22/2023	Chapter 6. Energy	WSQ-4
6	Friday	9/29/2023	Chapter 7. Cellular Respiration	WSQ-5
7	Friday	10/6/2023	Chapters 10/11. Cell Cycle, Mitosis, Meiosis	WSQ-6
8	Friday	10/13/2023	Chapter 9. Cell-Cell Communication	WSQ-7
9	Friday	10/20/2023	Chapter 12. Mendelian Genetics	WSQ-8
10	Friday	10/27/2023	Chapter 17. Bacterial and Viral Genetics	WSQ-9
11	Friday	11/3/2023	Chapter 14. (DNA discovery, DNA structure)	WSQ-10
12	Friday	11/10/2023	Chapter 14. DNA Replication	WSQ-11
13	Friday	11/17/2023	Chapter 15. From DNA to Protein	WSQ-12
14	Friday	12/1/2023	Chapter 16. Regulation of Gene Expression	WSQ-13

Cengage MindTap Assignment Schedule			
3 Learn its per chapter (3 points each; total 9 points/chapter)			
Learn its	**Chapter Name**	**Open Date (8:00AM)**	**Due date (Ends at 11:59PM)**
Chapter 3	Biomolecules	8/21/2023	9/3/2023
Chapter 4	Cells	9/1/2023	9/10/2023
Chapter 5	Membranes and Transport	9/11/2023	9/17/2023
Chapter 6	Energy	9/18/2023	9/24/2023
Chapter 7	Cellular Respiration	9/25/2023	10/1/2023
Chapter 10	Cell Cycle/Mitosis	10/2/2023	10/8/2023
Chapter 11	Meiosis	10/2/2023	10/8/2023
Chapter 9	Cell-Cell Communication	10/9/2023	10/15/2023
Chapter 12	Mendelian Genetics	10/16/2023	10/22/2023
Chapter 17	Bacterial and Viral Genetics	10/23/2023	10/29/2023
Chapter 14	DNA Discovery/DNA Replication	10/30/2023	11/12/2023
Chapter 15	From DNA to Protein	11/13/2023	11/19/2023
Chapter 16	Regulation of Gene Expression	11/27/2023	12/3/2023

NOTE: The professor holds the right to change the syllabus/schedule at any point during the semester.

Cengage MindTap Assignment Schedule			
1 Homework per chapter (10 points each/chapter)			
Homework	**Chapter Name**	**Open Date (8:00AM)**	**Due date (Ends at 11:59PM)**
Chapter 3	Biomolecules	8/21/2023	9/3/2023
Chapter 4	Cells	9/1/2023	9/10/2023
Chapter 5	Membranes and Transport	9/11/2023	9/17/2023
Chapter 6	Energy	9/18/2023	9/24/2023
Chapter 7	Cellular Respiration	9/25/2023	10/1/2023
Chapter 10	Cell Cycle/Mitosis	10/2/2023	10/8/2023
Chapter 11	Meiosis	10/2/2023	10/8/2023
Chapter 9	Cell-Cell Communication	10/9/2023	10/15/2023
Chapter 12	Mendelian Genetics	10/16/2023	10/22/2023
Chapter 17	Bacterial and Viral Genetics	10/23/2023	10/29/2023
Chapter 14	DNA Discovery/DNA Replication	10/30/2023	11/12/2023
Chapter 15	From DNA to Protein	11/13/2023	11/19/2023
Chapter 16	Regulation of Gene Expression	11/27/2023	12/3/2023

Cengage MindTap Assignment Schedule			
1 Quiz per chapter (10 points each/chapter)			
Quiz	**Chapter Name**	**Open Date (8:00AM)**	**Due date (Ends at 11:59PM)**
Chapter 3	Biomolecules	8/31/2023	9/3/2023
Chapter 4	Cells	9/7/2023	9/10/2023
Chapter 5	Membranes and Transport	9/14/2023	9/17/2023
Chapter 6	Energy	9/21/2023	9/24/2029
Chapter 7	Cellular Respiration	9/28/2023	10/1/2023
Chapter 10	Cell Cycle/Mitosis	10/5/2023	10/8/2023
Chapter 11	Meiosis	10/5/2023	10/8/2023
Chapter 9	Cell-Cell Communication	10/12/2033	10/15/2023
Chapter 12	Mendelian Genetics	10/19/2023	10/22/2023
Chapter 17	Bacterial and Viral Genetics	10/26/2023	10/29/2023
Chapter 14	DNA Discovery/DNA Replication	11/2/2023	11/12/2023
Chapter 15	From DNA to Protein	11/16/2023	11/19/2023
Chapter 16	Regulation of Gene Expression	11/30/2023	12/3/2023

NOTE: The professor holds the right to change the syllabus/schedule at any point during the semester.

Lectures

1. Lectures will be in-person. **Refer to Tentative Schedule above. (Pages 5 & 6).**
2. Attending lectures punctually and regularly is a part of student responsibility.
3. All lecture slides will be provided and posted on eLearning under each unit. This will be discussed in detail at the beginning of the first class.
4. These slides may be downloaded during the course; however, these materials are for registered students only. Class materials **must not** be **reproduced or shared** in any form with those not in the class. Refer to **Course policies** above for details.
5. Textbook is not required during the lecture but recommended.
6. Attendance will be taken for each lecture. Lecture attendances are graded and counted towards the final grade as a bonus. Attendance rules are described in the attendance section **(Pages 12).**
7. Missing a lecture requires a student to notify the professor at least 24 hours prior to the missing class.
8. Missing a class due to extreme circumstances which may include personal health emergencies, medical or dental school interviews, university-related business/affairs such as participation in a basketball game or soccer game will not incur any loss of attendance credit.
9. Any other reason, attendance credit for that class will not be awarded.
10. Students are encouraged and requested to schedule their calendars to be in class on time or at least five minutes before. Coming late to the class makes a disruption to the attention span of the students attending the class as well as disrupts the focus of the faculty and students alike. Late coming (10 minutes and after) is not recommended and in case of repeat activity, the respective faculty can take steps that may adversely impact the overall grades.

Workshops

1. Workshops run every week unless announced by the instructor.
2. Arriving at the workshops punctually and regularly is a part of student responsibility. Lateness or leaving the workshop early disrupts the orderly and efficient conduct of the class.
3. Students are highly encouraged to attend the in-person workshops every week to clarify any questions/doubts they may have. Regular participation in workshop/class activities are helpful for students' successful completion of the course.
4. Workshops begin the week of **August 28, 2023. Refer to Workshop Schedule above (Page 7).**
5. Meetings of this workshop section will be recorded, and attendance is encouraged but not mandatory.
6. Workshop assignments will be uploaded to the workshop section on eLearning under assignments folder.
7. Each workshop assignment is worth 10 points, and contains multiple choice, true/false, fill in the blank, fill in multiple blank questions. The assignment is set for multiple attempts.
8. The workshop assignment can be completed during the workshop hour. That is Fridays 6:00-6:50PM. The assignment can be found in the workshop eLearning site under the assignments folder.
9. The assignments open at 6:00PM on Fridays and close at 7:00PM Saturday. That means you have 24 hours to complete and submit your workshop assignments. Although it is advised that the students complete it during the workshop section itself to get any questions cleared by the instructor or the teaching assistants.
10. No extensions whatsoever will be granted, unless prior permission from the professor is taken for the same reasons mentioned in bullet point 7 under **lectures.**
11. The workshop assignments consist of questions related to the chapter covered that week.

Learn it Exercises (on MindTap)

1. There are three "Learn It" exercises for each chapter. They are worth 3 points each and 9 points for each chapter. Learn it schedule can be found in **Page 7**.
2. There are 5 question-attempts. The best scoring attempt will be recorded.
3. The **lowest 3** Learn it assignments will be dropped for the final grade calculation.
4. Learn it exercises can be accessed via eLearning in the unit folder and submitted using the MindTap Cengage program.
5. Please make sure to access the Learn it exercises on eLearning and Do Not directly log in to Cengage MindTap as this might not record your grade properly.
6. There are due dates for all assignments. Start and due dates can be found in the assignment schedule. No extension will be granted.
7. The Learn it exercises are not timed. You may work on it in parts and save it as you go. Estimated time to complete each Learn it exercise is 5-15 minutes.
8. If students encounter any technical difficulties, they are encouraged to contact the professor as soon as possible to resolve the issue if it is under the professor's control. If there are any technical issues pertaining to the MindTap program itself, the students are advised to contact the Cengage customer support team directly (contact number provided under **Technical Support & Troubleshooting** above).
9. This could resolve the issue much quicker. The professor is not responsible for students' internet issues or personal computer issues.
10. Do not wait until the final due date and time to finish these assignments. Any technical difficulty incurred on the final due date will not be fixed.

Homeworks (MindTap)

1. One homework will be assigned for each chapter.
2. Each homework is worth 10 points. You will have 3 attempts at the homework questions. The best scoring attempt will be recorded.
3. The **lowest one** Homework will be dropped for the final grade calculation.
4. Homework assignments can be accessed via eLearning in the unit folder and submitted using the MindTap Cengage program.
5. Please make sure to access the homework assignments on eLearning and Do Not directly log in to Cengage MindTap as this might not record your grade properly.
6. There are due dates for homework assignments. Start and due dates can be found in the **homework schedule** on **Page 8**.
7. The homework assignments are not timed. You may work on it in parts and save it as you go. Estimated time to complete each homework is 35-45 minutes.
8. For technical issue-related information, refer to bullet point 7 in the Learn it section above.

Quizzes (MindTap)

1. Links for all quizzes will be given on eLearning in the current unit page.
2. Each quiz is worth 10 points consisting of multiple choice, fill-in-the-blank, true/false, and matching type questions.
3. The **lowest one** quiz will be dropped for the final grade calculation.
4. You will have only 15 minutes to complete the quiz, and there will be only one attempt to finish the quiz. So, make sure you review all the relevant materials before attempting the quiz.
5. There are no makeup quizzes. No exceptions. Any missed quiz will count as Zero (0).
6. Due dates and times will be provided in the quiz schedule, **Page 8**.

Exams

1. There will be 4 exams, each worth 100 points. Exams count for a total of 400 points towards your final grade. All four exams are counted towards your final grades. No exam grades will be dropped. 75 minutes will be allotted for each exam.
2. Exams contain primarily multiple choice, True/False, fill in the blank, multiple blanks questions, although this may vary. The points per question may vary.
3. The exams can be accessed from the "exams" folder on the course eLearning page only at the testing center.
4. Questions from previous chapters may be included in a subsequent exam, in case the relevant chapter could not be completed before the exam. Recordings may also be posted if needed.
5. Exams will be administered at the **University of Texas at Dallas testing center**.
6. The exam schedule can be found in the tentative schedule table. Information regarding the exams will also be announced in the class.
7. Prior appointment at the testing center is required. The students are expected to show up at the testing center at least 15 minutes prior to their registered time.
8. The students are responsible for timely registration at the testing center for the exams and the students are advised to check and confirm their registration at least one week prior to the exam.
9. It is mandatory to carry your UTD comet card to the testing center for identification purposes. Testing center will not allow any other forms of identification like a driver's license. So, make sure you have a comet card. If you lost your comet card, you may obtain a replacement from the comet card center.
10. The professor is not responsible for any missed appointments. There will be no makeup exams given except for the reasons mentioned in bullet point 7 in the **Lectures** section above (Page 4).
11. Proper testing center rules and regulations must be maintained during exams.

Checklist to complete before exams.

1. Figure out where the testing center is located. (Address and contact information, **Page 16**)
2. Confirm your registration at the testing center.
3. Check for testing center timings.
4. Read over the testing center requirements including the dress code.
5. Check for your UTD comet card. It is mandatory to carry your comet card to the testing center.

Grading Policy.

1. You will receive the same letter grade for both BIOL 2311 and BIOL 2111.
2. Grades for the course will be calculated as tabulated below.

BIOL 2311.503 FALL 2023 GRADING CRITERIA					
Activity	Number/semester	Total Points/activity	Maximum Points Possible	Number of drops	Total With Drops
Exams	4	100	400	0	400
Learn its	39	3	117	3	108
Homework	13	10	130	1	120
Quiz	13	10	130	1	120
Workshop Quiz	13	10	130	1	120
Total Points Possible			907		868
Attendance (BONUS)					Up to 41

3. Your score percentage will be the total points earned divided by the total points possible (total with drops) as shown above in the table.
4. This percentage will be rounded to the nearest integer, e. g., 89.5=90; 89.49=89.
5. Your final letter grade will be based on the percentage of total points as calculated in #3 and the grading scale given in the table below.
6. Grades are determined based only on the performance in class activities such as exams and assignments, and class attendance. No points or fraction of a point will be awarded to increase the grade to the next letter grade. **NO EXCEPTIONS.**
7. Grades are not curved. **DO NOT ASK, BEG, CRY, OR PLEAD.**
8. Final letter grades will be posted on Orion. Once the grades are posted on Orion, it will be final.
9. Before the final grades are posted, the students are encouraged to check their grades on eLearning and discuss with the professor if there is any changes the student notices.
10. In compliance with FERPA, grades and/or grade information will not be given to anyone other than the student and will not be discussed over the phone or emails.

Tentative Grading Scale			
Percentage Cut-off	**Letter Grade**	**Percentage Cut-off**	**Letter Grade**
95-100%	A+	68-72%	C+
90-94%	A	63-67%	C
86-89%	A-	60-62%	C-
81-85%	B+	56-59%	D+
77-80%	B	52-55%	D
73-76%	B-	48-51%	D-
		<48%	F

Attendance

1. Students are encouraged and expected to attend class as per the schedule mentioned in the syllabus.
2. Attendance will be recorded every day during the class.
3. Make sure your attendance is properly recorded by entering your name in the register supplied during the class.
4. For issues with recording your attendance, contact your graduate TAs before you leave your class and if the TA is not available or if the issue remains unresolved, contact the professor.
5. A maximum of 41 points can be earned for attendance towards your final score.
6. Credit for attendance will be awarded at the end of the semester based on a **sliding scale** as summarized in the table below **(Page 13)**.

Attendance Sliding Scale	
Percentage Attendance	**Points**
90 -100%	41
80 - 89%	35
70-79%	30
60-69%	20
50-59%	10
<50%	0

Use of electronic devices

Students are expected and required to adhere to the University of Texas at Dallas student conduct and discipline policies (policy.utdallas.edu/utdsp5003) established in accordance with The University of Texas System. Each student is charged with notice and knowledge of and compliance with the contents and provisions thereof.

Intellectual Property and copyrighted materials

It is the policy of The University of Texas at Dallas to adhere to the requirements of the United States Copyright and Intellectual Property Laws. Content of the course, including, but not limited to, course outlines, class notes, PowerPoint slides or lecture recordings, exams, and assignments may contain copyright-protected material and/or intellectual property, and therefore, they should not be distributed, shared in any public domain, posted on a third-party website, or sold. Intellectual property and copyright infringements are treated as civil – intellectual property disputes.

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 must 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.

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.

E-mail use

The University of Texas at 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. The university encourages all official student email correspondence to be sent only to a student's U.T. Dallas email address and that faculty and staff consider email from students official only if it originates from a UTD student account. This allows the university to maintain a high degree of confidence in the identity of all individuals corresponding and the security of the transmitted information. UTD furnishes each student with a free email account that is to be used in all communication with university personnel. The Department of Information Resources at U.T. Dallas provides a method for students to have their U.T. Dallas mail forwarded to other accounts.

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.

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.

AccessAbility Resource Center

Students who have registered and are eligible to receive accommodations will provide an accommodation letter on official letterhead to their course instructor. Only students who provide such a letter should be accommodated. As of September 1, 2022, The Office of Student AccessAbility will be changing its name to the AccessAbility Resource Center to better serve the UT Dallas community and will be under the Office of Diversity, Equity and Inclusion (ODEI). Students who seek accommodation must

furnish “signed OSA document, to each of the faculties, as early in the semester as possible”; accordingly, the relevant accommodations will be provided.

The center is located in the Administration Building (AD 2.224), and its personnel can be reached at (972) 883-2098 or via email at studentaccess@utdallas.edu.

Social media use

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

Copyright notice

Materials presented and distributed in the class or outside (towards class/course material) are copyright materials of the Faculty and the University and not to be shared in any online or offline platform (for example course hero, Chegg, etc.) without an explicit approval of the faculty in charge of this course.

Technical Requirements

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

Due to the nature of this course, every student is required to arrange for their own electronic devices (laptop/computer, etc.) in the class and a hi- speed/stable internet connection (for the outside activity); to be able to complete the course.

Course access and navigation

This course can be accessed using your UT Dallas NetID account on the eLearning website.

Please see the course access and navigation section of the Getting Started with eLearning webpage for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials webpage. UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The eLearning Support Center includes a toll-free telephone number for immediate assistance (1-866-588-3192),an email request service, and an online chat service.

Communication

This course can be accessed using your UT Dallas NetID account on the eLearning website.
Please see the course access and navigation section of the Getting Started with eLearning webpage for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials webpage.

The student's email will be addressed within 24 hours (in normal circumstances, there could be delays during weekends and holidays), and the same is expected from the students as well.

Academic support resources

Please visit the academic support resources website at the email address given below.

https://go.utdallas.edu/academic-support- resources

UT Dallas Testing center hours and location

The table below provides the testing center hours for Fall 2023. Please make sure you check the testing center website on a regular basis at the link given below for any changes or updated hours.

https://ets.utdallas.edu/testing-center

UT Dallas Testing Center Hours Fall 2023	
August 21,2023 - September 12, 2023	
Day	**Time**
Monday	8:30AM-5:30PM
Tuesday	8:30AM-5:30PM
Wednesday	1:00PM-5:30PM
Thursday	8:30AM-5:30PM
Friday	8:30AM-5:30PM
Saturday	Closed Aug 26, Sept 2 & 9
Sunday	Closed

UT Dallas Testing Center Hours Fall 2023	
September 13,2023 - December 15,2023	
Day	**Time**
Monday	8:30AM-9:00PM
Tuesday	8:30AM-9:00PM
Wednesday	3:00PM-9:00PM
Thursday	8:30AM-9:00PM
Friday	8:30AM-9:00PM
Saturday	9:00AM-1:00PM
Sunday	Closed

Testing center location
Address: 3020 Waterview Parkway
SP2 First Floor, Suite 11.175
Richardson, TX 75080.

Testing center contact
Phone: (972) 883-2460
Fax: (972) 883 – 3910
Email: infotestingcenter@utdallas.edu

Additional pointers
***** Fall break/Thanksgiving break 2023 November 20-24 (Excluding weekends) - **No Classes*****

***** Some chapters may need more time to finish so the dates and times mentioned are subject to change, which will be announced. If there is still some part of a chapter left to cover before an exam, some time would be devoted to finishing the chapter before the review session begins*****

****** Proper class etiquette must be maintained by remaining silent throughout the lecture without disrupting the class in any manner. ******

*****Make sure you register for your exams well in advance and call/visit the testing center to verify your registration well in advance******

******Check the testing center schedule and open timings*****

******Confirm your testing center registration **at least one week** before the exam by calling the center or by visiting in person******

******All exams will be open the whole testing center open times******

******The professor is not responsible for confirming your registration. It is the responsibility of students to check it with the exam center as mentioned in the tentative academic calendar above******

******Any kind of academic dishonesty/exam malpractices during exams would be reported to the dean of students and the department chair******

******For weather related emergencies, please follow University notifications and emergency procedures******

******It is the student's responsibility to check their internet connection at home/ on campus residence location. Any delay in submission of assignments due to internet issues will not get extensions on submission date and time. That means, do not wait until the final moment******

******All assignments (MindTap and workshops) are due as indicated in the syllabus in the respective tables. No late assignments will be accepted, or assignments be reopened for any reason other than the reasons mentioned elsewhere******

******It is the individual student's responsibility to keep track of their scores/grades and in case of any discrepancies follow up with the respective faculty and graduate TAs until it gets resolved and not wait until the end of the semester******

******Makeup lecture exams/make-up quizzes are not preferred. Students with only valid reasons and documentation may seek Professor's approval. At the discretion of the Professor make-up exam/ class quiz can be arranged, where the format and level of the questions may vary and may contain descriptive questions******

To have the best outcome in this course, the following steps/guidelines are recommended:

1. Read the syllabus completely and with full attention. Ask your professor if you have any questions on the syllabus.

2. Regularly attend the lectures on time and pay full attention during the lectures. Ask and clarify any immediate questions/concerns during the lectures (by raising a hand and asking specific questions).

3. Regularly attend the workshops on time and pay full attention during the workshops. Ask and clarify any questions during the workshops (by raising a hand and asking specific questions).

4. Study the lecture materials and have a clear understanding of the study materials before attempting the lecture exams and the workshop quizzes.

5. If necessary, refer to the recommended textbook, other relevant study materials, scientific articles, etc. If still a topic or concept is lacking clarity, please clarify during the workshop.

6. In addition, students can reach out to the respective workshop TAs via email, with specific questions.

7. If students have any questions or concerns after following through with previous steps, can schedule a meeting with the Professor during one of the office hours and get clarification on the specific topic.

8. Follow basic class etiquette including being on time, not having food inside the class during the lecture, being respectful to classmates/TAs/faculties, following up regarding any issue (including missing grades, class absences, etc.) as soon as possible, clarifying any questions with TAs/Professor on time, have a respectful verbal/non-verbal communication (including emails), and actively participate in the class discussion.

The descriptions and timelines indicated in this syllabus (Pages 1-18) are subject to change at the discretion of the Professor.

This syllabus serves as a "contract" between students and the teaching team (TAs/Faculty), for BIOL 2311.501/BIOL 2111.503; to ensure that the students will go through the syllabus Carefully, and will adhere to the syllabus guidelines.