CALCULUS FOR THE BIOLOGICAL SCIENCES
MATH:1460:000A/000B
SPRING 2021

The University of Iowa
The College of Liberal Arts and Sciences
Department of Mathematics

This syllabus contains the policies and expectations for this course. Some of the policies relating to this course (such as the drop deadline) are governed by the administrative home of the course, the College of Liberal Arts and Sciences, 120 Schaeffer Hall.

Instructor: Dr. Cindy Farthing
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Phone: 319-384-4348
Email: cynthia-farthing@uiowa.edu
Drop-in Office hours: Mondays 10:30 – 11:30 a.m.; Tuesdays 1:00 – 2:00 p.m.; Wednesdays 3:00 – 4:00 p.m.; other times by appointment.
Zoom Info: Meeting ID: 963 1717 6290
Passcode: 114569
Link: https://uiowa.zoom.us/j/96317176290?pwd=Qyt6VHpSeVowM2JuMUJpMTFVNnRsdz09

DEO Contact Information: Weimin Han, 14 MLH, weimin-han@uiowa.edu

Class meetings:

Lecture 000A: 12:30 – 1:20 p.m. MWF, Remotely via Zoom
Lecture 000B: 1:30 – 2:20 p.m. MWF, Remotely via Zoom

Discussion Sections:

Section 0081: 8:30 – 9:20 a.m. TTh, WWW TA: Yanqing Shen TA Email: yanqing-shen@uiowa.edu	**Section 0122:** 12:30 – 1:20 p.m. TTh, 40 SH TA: Elise Askelsen TA Email: elise-askelsen@uiowa.edu
Section 0123: 5:00 – 5:50 p.m. TTh, WWW TA: Daehan Choi TA Email: daehan-choi@uiowa.edu	**Section 0131:** 11:00 – 11:50 a.m., TTh, WWW TA: Yanqing Shen TA Email: yanqing-shen@uiowa.edu
Section 0132: 5:00 – 5:50 p.m. TTh, 110 MLH TA: Parker Evans TA Email: parker-evans@uiowa.edu	**Section 0231:** 8:30 – 9:20 a.m., TTh, W307 PBB TA: Elise Askelsen TA Email: elise-askelsen@uiowa.edu
Section 0331: 3:30 – 4:20 p.m., TTh 118 MLH TA: Parker Evans TA Email: parker-evans@uiowa.edu	**Section 0332:** 3:30 – 4:20 p.m., TTh, WWW TA: Daehan Choi TA Email: daehan-choi@uiowa.edu

Course Structure
This course meets in lecture three days per week and in a discussion section two days per week. In addition, you will be asked to watch videos outside of class about new material. Our goal is to use active learning techniques

to help you master the material. During the lecture periods, we will be discussing new material and exploring examples. You will work in groups and discuss ideas with your peers. In addition, you will be answering questions using Top Hat, a classroom response system (sometimes called "clickers"), that will help you assess your learning immediately. During discussion sections, you will be working together with your classmates to complete worksheets and clarify important points made during the previous one or two lecture periods. The lectures and discussion sections are designed to complement each other. Therefore, it is expected that you attend and participate fully in both.

Discussion Sections
Each discussion section is led by a teaching assistant (TA) and meets two times per week on Tuesdays and Thursdays. You should be enrolled in one and only one discussion section. Attendance in discussion sections is expected. Discussion sections are a good opportunity for you to ask questions in a smaller class setting and are designed to help you practice the material discussed in lectures.

Changes in discussion sections can be made through MyUI during the first week of classes. Any section changes after the first week of classes must be approved by Dr. Farthing. This way, we can maintain an equal balance in enrollment in discussion sections.

Role of Teaching Assistants
Your teaching assistant (TA) will lead your discussion sections and will be your first point of contact for most course questions. Your TA will hold weekly office hours through Zoom during the week and will be available for you to ask questions about the homework or go over quizzes and exams. You can visit your TA without an appointment during office hours although your TA may ask you to reserve a time slot. TAs will also work several hours in the Math Tutorial Lab, and you are welcome to drop in there without an appointment too. Office hours and times in the Math Tutorial Lab will be announced in your discussion section.

Required Course Materials: For this course, you are required to have
1. Textbook: *Calculus for the Life Sciences, 2nd Edition, by Greenwell, Ritchey, and Lial.*
    - The textbook will be available to you in ICON, and you will be billed for it through the option called ICON DIRECT. This means you do NOT have to purchase materials outside of this set up and your UBill will be auto charged and the lowest possible price for students.
    - Directions for gaining access to the textbook and MyLab are available on the last page of the syllabus or in the "Getting Started" Module in ICON.
2. Access to a MyLab account for completing homework online. (Billed to UBill and available through ICON.)
    - Access for MyLab is available to you in ICON, and you will be billed for it through the option called ICON DIRECT. This means you do NOT have to purchase materials outside of this set up and your UBill will be auto charged and the lowest possible price for students.
    - Directions for gaining access to the textbook and MyLab are available on the last page of the syllabus or in the "Getting Started" Module in ICON.
3. Access to a Top Hat account for responding to questions during class meetings. (Purchase from Top Hat.)
    - You will need to purchase a Top Hat license if you do not already have one.
    - The following purchasing options are available to you: $20 for a one-semester license; $30 for a one-year license; $55 for a lifetime license. A lifetime license can be purchased from the University bookstore or online; all other license options can be purchased online.
    - You should have received an email with instructions to start a Top Hat account and buy a license. Instructions are also available in the "Getting Started" Module in ICON.

If you have any trouble gaining access to these materials, please inform Dr. Farthing and your TA as soon as possible. It is important to have access to the course material from the first day of class, and we can help you solve any problems.

Technology Requirements

1. Computer with web camera, microphone, and reliable internet connection.
    - A list of minimum technology requirements and software available to you as a student is listed at https://teach.uiowa.edu/prepare-online-learning and in the "Getting Started" module in ICON>
    - If you have problems obtaining any of these resources, please contact Dr. Farthing.
2. Chrome web browser and the Proctorio extension app.
    - Required to use Proctorio to take exams.
    - Information on this is available in the "Getting Started" Module in ICON.

Course Material

Chapters 1 through 8 and Chapter 11 (excluding Sections 5.4, 6.5, 11.4, 11.5, and 11.6).

Course Prerequisites

ALEKS score of 70 or higher OR Advanced Math Placement Test score of 9 or higher OR MATH:1020 with a minimum grade of C- OR MATH:1440 with a minimum grade of C- OR (MATH:1010 with a minimum grade of C- and MATH:1005 with a minimum grade of C-) OR (MATH:1010 with a minimum grade of C- and ALEKS score of 55 or higher) OR (MATH:1340 with a minimum grade of C- and MATH:1010 with a minimum grade of C-)

General Education Program

This course satisfies the General Education requirement for Quantitative or Formal Reasoning.

Objectives and Goals of the Course

Students who master the core course concepts will be able to:

- use mathematical functions to model data coming from biological applications;
- recognize kinds of mathematical problems that can be solved using differentiation and solve them (rates of change, optimization, linear approximation, differential equations);
- recognize kinds of mathematical problems that can be solved using integration and solve them (finding areas and volumes, cumulative total from a variable rate);
- apply calculus to data that is given by formulas or provided in graphs and tables.

Calculus involves studying how functions change, and there is a wide variety of applications to biology. Mathematics involves skills beyond manipulating symbols. In the bigger picture, this course aims to develop your mathematical reasoning skills and to recognize how changes in biological systems can be modeled using functions.

Smaller learning objectives will be listed for each week's material. These smaller learning objectives will help you identify the key concepts you need to master and the types of problems you will be expected to complete on quizzes and exams. The smaller learning objectives will fall into one of the broader course objectives listed above.

ICON

Assignments, links to videos, handouts, announcements and grades will be posted on ICON (https://icon.uiowa.edu/). It is important that you check ICON regularly.

Additional Resources

- **T**he **Math Tutorial Lab** in 125 MacLean Hall offers free, drop-in tutoring for students enrolled in this class. Schedule and information about the Math Tutorial Lab is available at https://math.uiowa.edu/math-tutorial-lab.

- The **Academic Resource Center (ARC)** provides supplemental instruction (SI) for Engineering Math I. SI sessions are peer facilitated, group study sessions.

  MATH:1460 Spring 2021 SI Info
  SI Leader: Jeff
  SI Sessions: Mondays 3:30 – 4:20 p.m., Wednesdays 11:30 – 12:20 p.m., Thursdays 5:00 – 5:50 p.m.
  SI Zoom Link: https://apps.its.uiowa.edu/swipe2/site/arc/signin/virtual/calcforbio
- There are a variety of other places on campus where you can go for help with this course. Visit https://tutor.uiowa.edu/ for more information.

Exam Dates

February 26 – 28	Exam 1
March 26 – 28	Exam 2
April 16 – 18	Exam 3
Week of May 10	Exam 4 (Date and time will be announced in February.)

Other Important Dates

January 31	Last day to add courses or change existing registration through MyUI.
February 1	Change of Registration forms to add courses or change sections must be processed through Registrar's Service Center beginning today. (Courses can be dropped through online process.)
February 5	Last day for undergraduates to add courses without a dean's approval or drop courses without a "W". Last day for undergraduates to add or change P-N or audit status and late register
March 2	Instructional Break – No Class.
March 24	Midterm class lists due.
April 2	Last day for undergraduates to drop semester-length courses without dean's approval.
April 14	Instructional Break – No Class.
May 7	Close of classes.
May 10 – 14	Final Exam Week
May 19	Final Grades Due

Grading Policy

This course uses criterion-reference grading. This means that your grade is determined by how well you demonstrate that you have mastered the learning objectives of the course – not on how well you do in relation to your peers. With criterion-reference grading, it is possible for everyone to get an A in the course! Your grade will be determined by 2 midterm exams, a final exam, weekly homework assignments, weekly quizzes, in-class Top Hat (clicker) questions, and discussion exit tickets. The following weights will be given to these items.

Exam 1	60 points
Exam 2	60 points

Exam 3	60 points
Exam 4 (Final)	70 points
Quizzes	70 points
Homework	60 points
Top Hat Questions	35 points
Discussion Section Exit Tickets	10 points
TOTAL	**425 points**

Grading Scale
The following grading scale will be used to determine grades.

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Minimum Percentage	93	90	87	83	80	77	73	70	67	63	60	0
Minimum Points	395	382	369	352	340	327	310	297	284	267	255	0

Possible Changes to Course Policies or Structure Due to COVID-19 or Other Outside Forces
Many portions of this course will be done remotely. Depending on the state of the campus community's health, it is possible that the format of your discussion section will be moved to virtual instruction at some point during the semester. I hope that you will be patient with me and as flexible as possible. In exchange, I will try to do the same.

I have set the course policies outlined below to provide you with incentive to engage fully in the class. Yet, the health and safety of you and those around you is the most important. If you do not feel well, or if you are concerned that you have been exposed to the coronavirus (or any other contagious disease), please stay home. You should contact your TA or Dr. Farthing and complete the absence form in ICON. We will work with you to alter deadlines or help you stay up with the course. Please keep in mind that because we drop some scores, we may not offer a make-up quiz or assignment; however, this will not affect your final grade in a negative way.

I also realize that you have other obligations (family, work, etc.) that may interfere with your course work. Learning to juggle these responsibilities will be important for you in school and in your future career. At the same time, though, you should let your TA or Dr. Farthing know if you feel like your performance in the course is beginning to slip because of some of these obligations. We cannot provide help if we do not know there is a problem.

Absence Notification Policy
If you must be absent from a lecture or a discussion section for any reason, it is your responsibility to check ICON to get the notes, watch recordings from the class, and complete Top Hat questions. If your absence will require to you to make up a quiz or test or request an assignment due date change because of an extended illness please do the following:

1. Complete the Student Absence Form available on the Registrar's webpage.
2. If your absence will require you, email your TA or Dr. Farthing or your TA about the absence and arrange to make up any missed assignments. Whenever possible, please inform your instructors before the assignment is missed, and please try to arrange the time to make up the assignment within 24 hours of the absence. (You only need to arrange the make-up, you do not need to have it completed.)

The Student Absence Form and additional attendance policies (including what to do if you need to miss five or more consecutive days of class) is available at https://registrar.uiowa.edu/absence-class.

Exams

There will be three midterm exams, and one final. The exams will be taken through ICON and proctored using Proctorio. You will have two hours to finish each exam. Each exam will be available from Friday at 9:00 a.m. to the next Sunday at 11:59 p.m. You will be able to choose when to take the exam during that period. Each midterm will be worth 60 points (14.1%) of your final grade; the final exam will be worth 70 points (16.4%). The material covered on each midterm exam will be announced one week before the exam. The final exam will include 10 to 15 points worth of questions covering the entire semester; the rest of the final exam will emphasize material covered in the last two weeks of the course. All exams are closed book, but you may use one page of notes and blank scratch on the exam.

Since you may choose when to take an exam during a period of several days, the expectation is that you can find a time that works for you to take the exam. Make-up exams are only given for excused absences (illness, religious holidays, certain university activities, etc.) that have been approved by Dr. Farthing. If you need to miss an exam, Dr. Farthing must be informed BEFORE the exam takes place (or, in extreme cases, as soon as you are able). To qualify for a makeup in the case of an official university event (sporting event, field trip, etc.) your supervising professor/coach must confirm your intended participation via letter or e-mail BEFORE the day of the exam. Arrangements to make up any missed exam must be made within 24 hours.

A Word about the Date and Time of the Final Exam

The date and time of every final examination is announced by the Registrar generally by the fifth week of the classes. *No exams of any kind are allowed during the last week of classes.* All students should plan on being at the UI through the final examination period. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's web site and will be shared with instructors and students. It is the student's responsibility to know the date, time, and place of the final exam.

A student is only entitled to take the final exam at an alternate time for two reasons, according to the Registrar:

- two or more final exams/assessments scheduled for the same exam period, OR
- more than two final exams/assessments scheduled for the same exam

Please note that travel plans are not included in the two reasons listed above!

Quizzes

Most weeks, a quiz worth 10 points will be given. The quiz will cover material from the previous week (i.e. the homework due the previous Monday). One question (worth 2 points) from each quiz will be a repeat question from the previous quiz.

You will have 40 minutes to complete the quiz and upload your results. Quizzes will not be proctored, and you may use your textbook and notes; however, you are expected to complete the quiz on your own without the help of resources like webpages or phone apps. This is your chance to get some feedback on how well you understand the information. By working with others, you are taking away that opportunity for you to learn. (You would also be violating the academic honesty code!) Your final work will be scanned and uploaded to ICON to be graded. (There are many free scanning apps available for smart phones. We recommend the OneDrive scanning app because all students have access to that for free through Office365. Instructions for on downloading and using the OneDrive scanning app are available on ICON.)

At the end of the semester, the lowest three quiz scores will be dropped. These dropped scores may result from quizzes missed due to an absence. Make-up quizzes will not be offered until your fourth missed quiz because the three lowest quiz scores are dropped. If you have already missed three quizzes, you will only be allowed to make up a quiz for an excused absence (illness, religious holidays, etc.); you must inform Dr. Farthing and your

TA BEFORE the quiz takes place (except in extreme cases), and arrangements to make up the quiz must be made within 24 hours.

Homework
Homework assignments will be given throughout the week and will be posted on ICON. The problems assigned represent the minimum number of exercises you should complete. While homework will not be collected daily, you will get more out of it if you attempt problems related to new material soon after it is originally presented in class.

Each homework assignment will be worth 5 points and will consist of problems to be completed online in MyLab. MyLab problems from the previous week will be due by 11:59 p.m. on Mondays. You will have five attempts to complete each problem correctly. You will earn the portion of 5 points that corresponds to the percentage of problems you did correctly. At the end of the semester, your two lowest homework scores will be dropped. These dropped scores may include unsubmitted homework. If at any point, you think you deserve to have more than two homework scored dropped (for example, due to a long illness), you must discuss this with Dr. Farthing.

A list of suggested problems from the textbook will be posted each week. You will not be asked to submit your work for these questions, and you will not earn a grade for completing the problems. These questions may be similar to the questions given on quizzes; however, you must be able to apply the concepts you are practicing on homework in a wide variety of situations in order to demonstrate that you have mastered the material on exams.

You are permitted and encouraged to work with others, but you are required to write your own solutions with your own words and notation. You must also acknowledge any help you receive.

Top Hat Questions
During the lectures, you will be using your Top Hat account to indicate you are attending lecture and to answer questions over the lecture material. There will be at least one question during each lecture, and one point will be counted toward your final grade for most class periods. Half of your score will come from answering the question, and half of your score will come from answering the question correctly. Top Hat questions will be available until 11:59 p.m. of the day they were discussed in class.

At the end of the semester, your score will be the minimum of your Top Hat total or 35 points. This will allow you to miss some classes. If you must miss a class, you are still responsible for the material discussed in class and for all the announcements made in class. If you need to miss many classes for an excused reason (e.g., a long illness), please contact Dr. Farthing to inform her and arrange to make up missed work.

Discussion Section Exit Tickets
During each Tuesday discussion section, your TA will ask you a question at some point toward the end of the class. This question is known as an "exit ticket" and the purpose will be to check your understanding of a method for solving problems or your understanding of some of the more theoretical course content. The questions may vary by discussion section, but you will supply your answer through ICON (either by uploading a file or answering a question directly in ICON). Each exit ticket is worth 1 point, and at the end of the semester, your score for exit tickets will the minimum of your score earned or 10 points. This means that some of the exit ticket scores will be dropped at the end of the semester.

Technology
Graphing calculators or mathematics software such as *Maple* or *Mathematica* can be excellent resources for helping you understand the course material, and we may use these programs occasionally. However, only

scientific calculators without the ability to do numerical or symbolic differentiation and integration are allowed on quizzes and exams. (A list of acceptable scientific calculators is available in ICON.) If you choose to use a graphing calculator for homework, please keep in mind that you should not use the graphing capabilities to solve homework problems so that you can learn to solve the problems without the tools of the graphing calculator for exams.

Cell phones may not be on desks or tables during quizzes or exams. You may not use a cell phone as a calculator during a quiz or exam.

Collaboration

You are expected to complete all quizzes and exams on your own without the help of outside resources! You are encouraged to work with others on homework and all in-class activities unless you are specifically instructed not to do so. You may also visit the Math Tutorial Lab or consult online resources to complete homework assignments. Please be aware that to master the skills needed for this class, a lot of practice is required. To do well on the final exam you will need to work many of the homework problems multiple times without help. Be sure to test your knowledge by doing much of the homework on your own.

Academic Honesty

I trust you to do your own work, and I will not tolerate cheating on exams and quizzes. Any instance of academic dishonesty will be reported to the College of Liberal Arts and Sciences.

Other Student Expectations

- **Workload:** Expect to spend at least 8 to 10 hours weekly outside of the classroom watching videos and doing the assignment. More time may be needed to prepare for exams.
- **Classroom Behavior:** I expect that you will treat the others in the class and your instructors with respect.
- **Participation and Preparation:** Please come prepared for class and ready to participate each day. If you must miss a class, it is your responsibility to determine what you missed and what you need to Students learn in different ways, so it is natural that you may feel like you benefit from certain parts of the course more than others. However, it is expected that you participate in lecture, discussion sections, and out of class activities (homework, concepts quizzes) equally. The course is designed so that these components complement – not duplicate – each other.
- **Personal Devices:** You will need to bring a smart phone, tablet, or laptop to lecture each day in order to answer Top Hat questions. Therefore, it is expected that you will be using these devices in class. You should bring them charged and ready to use! You will get the most out of lecture and discussion section if you give it your full attention. It is your choice how you want to divide your attention between classroom activities and devices. However, please avoid using these devices with sounds, and refrain from using them in a way that might distract other students. (i.e. watching videos or looking at webpages not related to the course in the line of sight of other students).
- **Communication:** This class is designed to prepare you for your future career, and for many of you, taking classes is either a part-time or full-time "job" at this point. Therefore, you should begin practicing professional communication with your instructors.
    - In person communication: Address your instructors with an official title (Dr. or Prof.) unless they have given permission otherwise. Many TAs do not have titles yet, so be sure to ask them how they would like to be addressed.
    - Email: Use a meaningful subject (example: MATH:1550 homework question), and a proper greeting in the email (example: Dear Dr. Farthing). Include as much information as you can. If you are requesting a meeting outside of usual office hours, please provide a few time slots that will work to meet with your schedule. This will help to set up the meeting more efficiently. Instructors will do their best to respond within 24 hours.

- **Technical Difficulties:** You are responsible for starting problems far enough in advance in order to complete the assignment by the due date. Computer problems and other technical difficulties are not a valid excuse for missing a due date. You are also responsible for remembering to bring your computer or phone charged and ready to use in class to answer Top Hat questions.

Changes to the Syllabus

I reserve the right to make slight adjustments to the syllabus. Any changes will be announced in class and posted on ICON.

Course Schedule

The following schedule is the *approximate* schedule for the course. The exam dates will not change, and I will do my best to stay on schedule. Any changes or updates will be posted on ICON.

	DATE	SECTIONS	TOPIC
Week 1	1/25		Introductions Syllabus Course Expectations
	1/27	1.1 1.3	Lines and Linear Functions Properties of Functions
	1/29	1.4 1.5	Quadratic Functions: Translation and Reflection Polynomial and Rational Functions
Week 2	2/1	2.1 2.2	Exponential Functions Logarithmic Functions
	2/3	2.3	Applications: Growth and Decay
	2/5	2.4	Trigonometric Functions
Week 3	2/8	3.1	Limits
	2/10	3.2	Continuity
	2/12	3.3 3.4	Rates of Change Definition of the Derivative
Week 4	2/15	3.4 3.5	Definition of the Derivative Graphical Differentiation
	2/17	3.5	Graphical Differentiation
	2/19	4.1	Techniques for Finding Derivatives
Week 5	2/22	4.2	Derivatives of Products and Functions
	2/24	4.3	The Chain Rule
	2/26	Review	
	2/26 – 2/28	**Exam 1**	
Week 6	3/1	4.4	Derivatives of Exponential Functions
	3/3	4.5	Derivatives of Logarithmic Functions
	3/5	4.6	Derivatives of Trigonometric Functions
Week 7	3/8	5.1	Increasing and Decreasing Functions
	3/10	5.2	Relative Extrema
	3/12	5.3	Higher Derivatives, Concavity, and the Second Derivative Test
Week 8	3/15	5.4	Curve Sketching
	3/17	6.1	Absolute Extrema
	3/19	6.2	Applications of Extrema
Week 9	3/22	6.3	Implicit Differentiation
	3/24	6.4	Related Rates
	3/26	Review	
	3/26 – 3/28	**Exam 2**	
Week 10	3/29	6.5	Differentials: Linear Approximation
	3/31	7.1	Antiderivatives

	4/2	7.2	Substitution
Week 11	4/5	7.3	Area and the Definite Integral
	4/7	7.4	The Fundamental Theorem of Calculus
	4/9	7.5	The Area Between Two Curves
Week 12	4/12	8.1	Numerical Integration
	4/14	No Class	
	4/16	Review	
	4/16 – 4/19	**Exam 3**	
Week 13	4/19	8.2	Integration by Parts
	4/21	8.3	Volume and Average Value
	4/23	8.4	Improper Integrals
Week 14	4/26	11.1	Solutions of Elementary and Separable Differentiable Equations
	4/28	11.2	Linear First-Order Differential Equations
	4/30	11.3	Euler's Method
Week 15	5/3	Review	
	5/5	Review	
	5/7	Review	
Exam Week	**May 10 – 14**	**Final Exam**	**Date will be announced in February.**

College of Liberal Arts and Sciences
Information for Undergraduates
Spring 2021

Absences and Attendance
Students are responsible for attending class and for contributing to the learning environment of a course. Students are also responsible for knowing course absence policies, which vary by instructor. All absence policies, however, must uphold the UI policy related to student illness, mandatory religious obligations, including Holy Day obligations, unavoidable circumstances, and University authorized activities (https://clas.uiowa.edu/students/handbook/attendance-absences). Students may use the CLAS absence form to aid communication with the instructor who will decide if the absence is excused or unexcused; the form is located on ICON within the top banner under "Student Tools."

Academic Integrity
All undergraduates enrolled in courses offered by CLAS have in essence agreed to the College's Code of Academic Honesty. Academic misconduct affects a student's related grade and is reported to the College which applies an additional sanction including suspension. Outcomes about misconduct are communicated through UI email (https://clas.uiowa.edu/students/handbook/academic-fraud-honor-code).

Accommodations for Disabilities
UI is committed to an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as a mental health, attention, learning, vision, and a physical or health-related condition) by registering with Student Disability Services (SDS). The student is then responsible for discussing specific accommodations with the instructor. More information is at https://sds.studentlife.uiowa.edu/.

Administrative Home of the Course
The College of Liberal Arts and Sciences (CLAS) is the administrative home of this course and governs its add/drop deadlines, the second-grade-only option, and related policies. Other UI colleges may have different policies for courses offered by that college. CLAS policies may be found here: https://clas.uiowa.edu/students/handbook.

Classroom Expectations
Students are expected to comply with University policies regarding appropriate classroom behavior as outlined in the Code of Student Life (https://dos.uiowa.edu/policies/code-of-student-life/). This includes related UI policies and procedures that all students have agreed to regarding the COVID-19 pandemic. Particularly, each student must wear a face mask when in a UI building, including a classroom. The density of seats in classrooms has been reduced, and in some instances, this will allow 6 feet or more of distance while other cases, it may be less. Regardless, wearing a face mask and maintaining as much distance as is possible are vital to slowing the spread of COVID-19. In the event that a student disrupts the classroom environment through the failure to comply with a reasonable directive of an instructor or of the University, the instructor has the authority to ask that the student to leave the space immediately for the remainder of the class period. Additionally, the instructor is asked to report the incident to the UI Office of Student Accountability, with the possibility of additional follow-up with the student. Students who need temporary alternative learning arrangements (TALA) for a future semester related to COVID-19 should visit this website for more information: https://coronavirus.uiowa.edu/temporary-alternative-learning-arrangements-tala.

Class Recordings: Privacy and Sharing
Some sessions of a course could be recorded or live-streamed. Such a recording or streaming will only be available to students registered for the course. These recordings are the intellectual property of the faculty, and

they may not be shared or reproduced without the explicit written consent of the faculty member. Students may not share these sessions with those who are not enrolled in the course; likewise, students may not upload recordings to any other online environment. Doing so is a breach of the Code of Student Conduct and in some cases is a violation of the Federal Education Rights and Privacy Act (FERPA).

Communication and the Required Use of UI Email
Students are responsible for official correspondences sent to the UI email address (uiowa.edu) and must use this address for all communication within or with UI (Operations Manual, III.15.2).

Complaints
Students with a complaint about an academic issue should first visit with the instructor or course supervisor and then with the Chair of the department or program offering the course; students may next bring the issue to the College of Liberal Arts and Sciences. See this page for more information: https://clas.uiowa.edu/students/handbook/student-rights-responsibilities.

Final Examination Policies
The final exam schedule is announced around the fifth week of classes; students are responsible for knowing the date, time, and place of a final exam. Students should not make travel plans until knowing this information. No exams of any kind are allowed the week before finals with a few exceptions made for particular types of courses such as labs or off-cycle courses: https://registrar.uiowa.edu/final-examination-scheduling-policies.

Nondiscrimination in the Classroom
The University of Iowa is committed to making the classroom a respectful and inclusive space for people of all gender, sexual, racial, religious, and other identities. Toward this goal, students are invited in MyUI to optionally share the names and pronouns they would like their instructors and advisors to use to address them. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University's Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity (https://diversity.uiowa.edu/eod; or diversity.uiowa.edu)

Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community must uphold the UI mission and contribute to a safe environment that enhances learning. Incidents of sexual harassment must be reported immediately. For assistance, please see https://osmrc.uiowa.edu/.

Pearson

Student Registration Instructions
MyLab & Modified Mastering with Canvas
MATH 1460 Math for the Biological Sciences – SPRING 2021

Please Read FIRST:

Your course materials will be billed directly to your University Account through the option called **ICON DIRECT**. This means you do NOT have to purchase materials outside of this set up and your UBill will be auto charged and the lowest possible price for students.

Enter Your ICON Course:

1. Sign in to and enter your ICON course.
2. Do the following:
   - Select **the MyLab & Mastering** in the Course Navigation, and then select any course link on the Pearson page.

Get Access to Your Pearson Course Content:

1. Enter your Pearson account **username** and **password** to **Link Accounts**.
   You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.
   - If you don't have a Pearson account, select **Create** and follow the instructions.
   - **Enter access code: WSCMMC-STOUP-CHTWH-RESET-MERCY-WISES**
   - From the You're Done page, select **Go to My Courses**.

Note: We recommend you always enter your MyLab Mastering course through ICON.

Get Your Computer Ready

For the best experience, check the system requirements for your product at:
http://www.pearsonmylabandmastering.com/system-requirements/

Need help?

For help with MyLab & Modified Mastering with ICON, go to:
http://help.pearsoncmg.com/mylabmastering/canvas/student/en/index.html

24/7 TECH SUPPORT

https://support.pearson.com/getsupport/s/