University of North Texas at Dallas
Spring 2024

BIOL 4260 Principles of Evolution   3 HRS

Department of	Natural Sciences		School of	LAS
Instructor Name:	**Dr. Donna Hamilton**			
Office Location:	**FH 250**			
Office Phone:	**972-338-1522**			
Email Address:	Donna.hamilton@untdallas.edu			

Office Hours:	Wednesdays 1-3pm and Thursdays 2:30-4:30pm
Classroom Location:	**FH 336**

Class Meeting Days & Times:	R 1-2:20pm
Course Catalog Description:	Population genetics; ecological, geographical and historical concepts of evolution. Prerequisite(s): BIOL 3350 or 3451/3452, or equivalent. May not be repeated at the graduate level as BIOL 5260.
Prerequisites:	**none**
Required Materials:	REQUIRED Evolution (Achieve 1-Term Access Card) $85.00 • Edition: 3rd • ISBN: 9781319374181 • Author: Emlen • Publisher: MPS (Macmillan Publishers)

Access to Learning Resources:	**UNT Dallas Library:** phone: (972) 780-1616 web: http://www.untdallas.edu/library email: library@untdallas.edu **UNT Dallas Bookstore:** phone: (972) 780-3652 web: http://www.untdallas.edu/bookstore e-mail: untdallas@bkstr.com
Supported Browsers: Chrome 67 & 68 Firefox 60 & 61 Flash 29, 30 (for audio/video)	**Access Canvas via** untdallas.instructure.com • **Username**: your EUID # • **Password**: your password **Getting Help with Canvas:**

Respondus Lockdown Browser Safari 10, 11 **Supported Devices:** iPhone Android Chromebook *(Tablet users can use the Canvas app)* **Screen Readers:** VoiceOver (Safari) JAWS (Internet Explorer) NVDA (Firefox) *Note: There is no screen reader support for Canvas in Chrome*	**Canvas 24/7 Phone Support for Students: 1-833-668-8634** **Canvas Help Resources:** **Web:** Canvas Student Guide **For additional assistance, contact Student Assistance (Distance Learning):** DAL 1, Rm 157 phone: (972)338-5580 email: distancelearning@untdallas.edu ***If you are working with Canvas 24/7 Support to resolve a technical issue, make sure to keep me updated on the troubleshooting progress.*** ***If you have a course-related issue (course content, assignment troubles, quiz difficulties) please contact me during office hours or by email.***

Course Goals or Overview:	
	Students will understand the foundations of evolutionary concepts and theory including population genetics; ecological, geographical and historical concepts of evolution.

Student Learning Objectives:	
1	Understand the history context of evolutionary theory.
2	Practice skills in scientific reasoning and experimental design and demonstrate a comprehension of the current journal literature in evolutionary inquiry.
3	Develop skills in science writing and a familiarity with the primary literature.
4	Practice and demonstrate competence of Common Core Objectives including critical thinking skills, communication skills, empirical and quantitative skills and teamwork

Online/Hybrid Course Outline

This schedule is subject to change by the instructor. Any changes to this schedule will be communicated in class or via class email or Canvas announcement. Additional readings and activities may be added, these will be noted in the Readings and Activities/Assignments sections.

	Topics		Major Deadlines
First Days (1/6 – 1/17)	Syllabus and Introductions		
Week of 1/18	Chapter 2: From Natural Philosophy to Darwin		
Week of 1/25	Chapter 3: What the Rocks say		
Week of 2/1	Chapter 5: Raw Material		EXAM 1
Week of 2/8	Chapter 6: The Ways of Change		
Week of 2/15	Chapter 7: The Ways of Change		JAR 1
Week of 2/22	Chapter 8: The History in our Genes		
Week of 2/29	Chapter 9: From Genes to Traits		EXAM 2

Week of 3/7	Chapter 10: Natural Selection		
Week of 3/21	Chapter 11: Sex and its consequences		
Week of 3/28	Chapter 12: After Conception		JAR 2
Week of 4/4	Chapter 13: The Origin of Species		EXAM 3
Week of 4/11	Chapter 14: Macroevolution		
Week of 4/18	Chapter 16: Brains and Behavior		
Week of 4/25	Chapter 17: Human Evolution		
5/8 1:30 – 3:30	UnEssay presentations		EXAM 4

Make certain you have planned out when, in your week, you will complete the required reading and assignments for this course!

Course Evaluation Methods
This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.
EC attendance points, Canvas Discussions, Homework, Quizzes, Exams and 2 Journal article reivews.

Exam policy: Quizzes should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

Activities/Assignments	
Quizzes (10 points each)	140 (19%)
Chapter HW (15 points each)	210 (28%)
Exams (50 points each)	200 (27%)
Journal Article Reviews (50 points each)	100 (13%)
UnEssay	100 (13%)
Total:	**750 (100%)**
A = 100 – 90 % B = 80 – 89 % C = 70 – 79 % D = 60 – 69 % F = less than 60%	

Information and a rubric for the journal article reviews can be found in the "First Days" module in Canvas.

Instructor notes, cautions and course policies

When you email me – and please do with any questions – it is important that you include which class and which section you are in along with enough detailed info that I am able to help. Screenshots are always welcome and be sure that you are asking a question or asking for help. My response time for email is generally 24 hours during the week and 48 hours over the weekend.

I do not accept late work or allow for assignments to be revised and resubmitted for a higher grade so please put the time in to submit quality work on time.

I am happy to discuss any grade or review an assignment if you feel that the grade is inaccurate or unfair. Grade reviews must be requested via email within 1 week of the grade posted.

Each unit in Canvas has a checklist with the due dates of the assignments required. You are responsible for all of these regardless of whether or not they show up in the To Do list that Canvas provides. I recommend that you do not bypass the front page of our section in Canvas and just access the assignments list as you may miss requirements.

For full credit on the Canvas discussions this semester, you must not only make a reasonable comment on the prompt given but also comment on a classmate's effort as well. You must do more than just agree with them to get full credit! And please remember that everyone is a real person and deserves your courtesy and professionalism in your comments.

The only extra credit available is due 1/17 at midnight – for 10pts, email me a picture of your favorite mammal.

Be certain that you understand what plagiarism is – including self-plagiarism – and review the UNTD Student Code of Academic Integrity. The final essay will be submitted using Turnitin and will be evaluated for the originality of the work. The least penalty for plagiarism is a zero for the assignment and the greatest at the level of instructor is failing the course. I will provide some resources and links in our Canvas section to assist you in avoiding this potential complication.

University Policies and Procedures

Students with Disabilities (ADA Compliance):
Chapter 7(7.004) Disability Accommodations for Students:

The University of North Texas at Dallas makes reasonable academic accommodation for students with disabilities. Students seeking accommodations must first register with the Disability Services Office (DSO) to verify their eligibility. If a disability is verified, the DSO will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, DSO notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet/communicate with each

faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see Disability Services Office. You may also contact them by phone at 972-338-1777; by email at UNTDdisability@untdallas.edu or at Building PL, room 1104.

Disruptive Behavior in an Instructional Setting:

Students are expected to engage with the instructor and other students in this class in a respectful and civil manner at all times to promote a classroom environment that is conducive to teaching and learning. Students who engage in disruptive behavior will be directed to leave the classroom. A student who is directed to leave class due to disruptive behavior is not permitted to return to class until the student meets with a representative from the Dean of Students Office. It is the student's responsibility to meet with the Dean of Students before class meets again and to provide the instructor confirmation of the meeting. A student who is directed to leave class will be assigned an unexcused absent for that class period and any other classes the student misses as a result of not meeting with the Dean of Students. The student is responsible for material missed during all absences and the instructor is not responsible for providing missed material. In addition, the student will be assigned a failing grade for assignments, quizzes or examinations missed and will not be allowed to make up the work.

The Code of Student's Rights, Responsibilities, and Conduct (Policy 7.001) describes disruption as the obstructing or interfering with university functions or activity, including any behavior that interferes with students, faculty, or staff access to an appropriate educational environment. Examples of disruptive behavior that may result in a student being directed to leave the classroom include but are not limited to: failure to comply with reasonable directive of University officials, action or combination of actions that unreasonably interfere with, hinder, obstruct, or prevents the right of others to freely participate, threatening, assaulting, or causing harm to oneself or to another, uttering any words or performing any acts that cause physical injury, or threaten any individual, or interfere with any individual's rightful actions, and harassment. You are encouraged to read the Code of Student's Rights, Responsibilities, and Conduct for more information related to behaviors that could be considered disruptive.

Canvas Instructure Accessibility Statement:
University of North Texas at Dallas is committed to ensuring its online and hybrid courses are usable by all students and faculty including those with disabilities. If you encounter any difficulties with technologies, please contact our ITSS Department. To better assist them, you would want to have the operating system, web browser and information on any assistive technology being used. Canvas Instructure Accessibility Statement is also provided.

NOTE: Additional instructional technology tools, such as Turnitin, Respondus, Panopto, and publisher cartridge content (i.e. MyLab, Pearson, etc.) may NOT be fully ADA compliant. Please contact our Disability Office should you require additional assistance utilizing any of these tools.

Course Evaluation Policy:

Student's evaluations of teaching effectiveness is a requirement for all organized classes at UNT Dallas. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider students' evaluations to be an important part of your participation in this class.

Assignment Policy: NO late work is accepted or revisions permitted for a higher grade.

Exam Policy: (Online exams and the ability to retake is solely at the instructor's discretion). NOTE: Online exams may be proctored on campus per instructor's discretion.

Academic Integrity:
Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to UNT Dallas' Student Code of Academic Integrity for complete provisions of this code.

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Web-based Plagiarism Detection: Please be aware in some online or hybrid courses, students may be required to submit written assignments to Turnitin, a web-based plagiarism detection service, or another method. If submitting to Turnitin, please remove your title page and other personal information.

Classroom Policies

Online Attendance and Participation:
The University attendance policy is in effect for this course. Class attendance in the Canvas classroom and participation is expected because the class is designed as a shared learning experience, and because essential information not in the textbook will be discussed in the discussion board. Online presence and participation in all class discussions is essential to the integration of course material and your ability to demonstrate proficiency.

Attendance for this online or hybrid course is considered when you are logged in and active in Canvas, i.e., posting assignments, taking quizzes, or completing Discussion Boards. To maintain financial aid award eligibility, activity must occur before the census date of the session or term of the course. Refer to UNT Dallas' Registrar for specific dates. If you are absent/not active in the course shell, it is YOUR responsibility to let the instructor know immediately, upon your return, the reason for your absence if it is to be excused. All instructors must follow university policy 7.005 covering excused absences; however, it is the instructor's discretion, as outlined in the course syllabus, of how unexcused absences may or may not count against successful completion of the course.

Inclement Weather and Online Classes: Online classes may or may not be effected by campus closures

due to inclement weather. Unless otherwise notified by your instructor via e-mail, online messaging, or online announcement, students should assume that assignments are due as scheduled.

Online "Netiquette":
In any social interaction, certain rules of etiquette are expected and contribute to more enjoyable and productive communication. Emails, Discussion Board messages and/or any other forms of written communication in the online environment should use proper "netiquette" (i.e., no writing in all caps (usually denotes yelling), no curse words, and no "flaming" messages (angry, personal attacks).

Racial, ethnic, or gender slurs will not be tolerated, nor will pornography of any kind.

Any violation of online netiquette may result in a loss of points or removal from the course and referral to the Dean of Students, including warnings and other sanctions in accordance with the University's policies and procedures. Refer to UNT Dallas Student Code of Conduct. Respect is a given principle in all online communication. Therefore, please be sure to proofread all of your written communication prior to submission.

Diversity/Tolerance Policy:
Students are encouraged to contribute their perspectives and insights to class discussions in the online environment. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Dean of Students as the instructor deems appropriate.

Technology Assistance: In order to successfully access the materials in an online or hybrid course, UNT Dallas advises that your computer be equipped with the minimum system requirements listed on the first page of the syllabus.

If you experience difficulty accessing or using components of the course, try using Google Chrome browser. If you still experience technical difficulties, first, notify your instructor.

If the problem is still not resolved, call Student Assistance (Distance Learning) at the phone number listed on the first page of the syllabus. Also, no matter what browser you use, always enable pop-ups. For more information see:

- UNT Dallas Canvas Technical Requirements
- Canvas Instructure Supported & Unsupported Operating Systems