



SYLLABUS

BIOL 1123 College Biology II Summer II 2018

Instructor:	Nina M. Poole-Scott, Ph.D. Adjunct Instructor- Prairie View A&M University Postdoctoral Associate- Baylor College of Medicine
Section # and CRN:	Section P01/ CRN 31786
Office Location:	E.E. O'Banion Science Building room 430AC
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Office Hours:	Immediately After Class
Mode of Instruction:	Face to Face
Course Location:	Lecture room A104
Class Days & Times:	Daily Monday through Friday 8:00am to 10:10am
Catalog Description:	BIOL 1123. College Biology (3–0) Credit 3 semester hours. Ecosystem: A reflection of the interdependence of plants on animals and how man's existence is dependent on successful interactions between plants and animals.

The science of biology covers every aspect of plant and animal life and their interaction. The ecosystem is a reflection of the interdependence of plant on animal and how man's existence is dependent on successful interactions between plants and animals. Environmental quality is largely dependent on interactions of plants and animals. Man's existence on earth is imparted by the life forms of his particular ecosystem. A knowledge of the significant roles played by each group of organisms is essential to man and his quality of life. Our foods, medicines, clothing, and shelter are all products of our environment. Knowledge of the structural components of the ecosystem is essential because man must learn to manage his activities in order that his use of the resources of ecosystem will become positive and not continue to be destructive. Man must learn to live with the plants and other animals in the ecosystem. This course should develop a greater appreciation for ecosystem structure and lead to more effective use and management of resources and more effective conservation practices while we continue to line in this spectacular ecosystem.

Required Texts:	REQUIRED TEXT: Students are required to purchase Loose Leaf for Environmental Science: A Global Concern 14th Edition By William Cunningham and Mary Cunningham, Copyright: 2018.
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Recommended Materials:

Blue/black pins, #2 pencils, notebook paper, access to computer/printer, 5 scantrons

Supplementary Learning Materials

Students are strongly encouraged to read the textbook and if supplementary resources are needed, the library has an enormous amount of material.

Access to Learning Resources:

PVAMU Library: phone: (936) 261-1500; web: <http://www.pvamu.edu/library/>

University Bookstore: phone: (936) 261-1990; web: <https://www.bkstr.com/Home/10001-10734-1?demoKey=d>

COURSE GOALS:

1. Become familiar with the basic concepts, language and practices of environmental science.
2. Develop a greater appreciation for ecosystem structure.
3. Understand how more effective use and management of resources and more effective conservation practices benefits the ecosystem.
4. Understand and explore the impact of humans on the environment, resources, pollution, the ecosystem, etc., including current events.

Student Learning Outcomes:

	Upon successful completion of this course, students will be able to:	Program Learning Outcome # Alignment	Core Curriculum Outcome Alignment
1	Describe fundamental ecosystem concepts and discuss current issues impacting environmental science.		
2	Apply critical thinking skills to scientific inquiry		
3	Analyze and interpret empirical and quantitative biological data		
4	Demonstrate the ability to effectively communicate the fundamentals of biology in a written report.		
5	Demonstrate the ability to engage in productive teamwork		

Major Course Requirements

Course Evaluation Methods: The University Academic Catalog grading policy is used. All exams are weighted equally. Four exams will be given. Exams will be announced at least one week prior to the administration of the exam. All exams will be cumulative in terms of the information covered. Class assignments are designed to supplement and reinforce course material by using critical thinking and written communication skills. Class assignments will also incorporate the analysis and interpretation of empirical and quantitative data. For group activities students will work in small groups to demonstrate productive teamwork by exhibiting the ability to work effectively with others to support a shared goal and consider different points of view.

Grading Matrix:

Instrument	Value	Points Possible
Exams (3)	50 %	100
Class Assignments	20 %	100
Final Exam	20 %	100
Attendance	10 %	100

Grading Criteria and Conversion:

A = 100-90

B = 89-80

C = 79-70

D = 69-60

F = 59 and below

Exam Policy: There are no make-up exams. If you miss an exam it will not be counted against you. You are required to take only 3 of the 4 exams given. The Final Exam will be administered according to the University's exam schedule. **All students are required to take final exam.**

Course Procedures or Additional Instructor Policies

Taskstream

Taskstream is a tool that Prairie View A&M University uses for assessment purposes. One of your assignments may be considered an "artifact," an item of coursework that serves as evidence that course objectives are met. More information will be provided during the semester, but for general information, you can visit Taskstream via the link in eCourses.

Class Attendance:

The University Attendance Policy requires students to be present for each scheduled class. Students are required to demonstrate their knowledge of each concept of environmental biology covered by the course textbook and the instructor. Students with or without official excuses for missing class will be tested and evaluated the same as students who were present for class. However, students attending class have the advantage of being taught knowledgeable information which they are expected to know. **Absenteeism will result in the student's grade being reduced.**

Conduct Not Allowed: Cheating on exams and assignments is not allowed or acceptable. Failing grades (zero) are assigned to students that cheat.

Additional Information: Be aware of current events. Read the newspaper, look at CNN and look at local and national news.

Student Academic Appeals Process: *Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.*

ADA Statement: *Students with disabilities who believe they may need adjustment in this class are encouraged to contact the Office of Disabilities Services at (936) 261-3535 as soon as possible. Once you receive a letter of adjustment from the office, please make an appointment with me to discuss appropriate adjustments for this class.*

Course Outline:

Tentative Examination Schedule (Dependent on the pace that chapters are covered)

Class Date	Subject
July 9	Course Introductions/ Expectations, Ch. 1 Understanding our environment
July 10	Ch 2. Principles of science and systems
July 11	Ch. 3: Matter, energy, and life
July 12	Ch. 4: Evolution, biological communities, and species interactions
July 13	Ch. 5: Biomes: Global patterns of life
July 16	Exam 1 Chapters 1-4
July 17	Ch. 7 Human populations
July 18	Ch. 8: Environmental, health, and toxicology
July 19	Ch. 15 Air, weather, and climate
July 20	Ch. 16 Air pollution
July 23	Exam 2 Chapters 5, 7-8, and 15
July 24	Ch. 17 Water use and management
July 25	Ch. 18 Water pollution
July 26	Ch. 19 Conventional energy
July 27	Ch. 20 Sustainable energy
July 30	Exam 3 Chapters 16-19
July 31	Ch. 21 Solid, toxic, and hazardous waste
Aug 1	Ch. 24 Environmental policy, law, and planning
Aug 2	Ch. 25 What then shall we do
Aug 3	Exam 4 Chapters 21, 24-25
Aug 6	Final Exam (Comprehensive)

Student Support and Success

John B. Coleman Library

The library and its partners have as their mission "to provide resources and instructional material in support of the evolving curriculum, as a partner in Prairie View A&M University's mission of teaching, research, and service" and to support the University's core values of "access and quality, diversity, leadership, relevance, and social responsibility" through emphasis on ten key areas of service. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty.

The Learning Curve (Center for Academic Support)

The Learning Curve offers Tutoring via peer tutoring. The services include workshops (i.e., Save My Semester, Recalculate Your Route), seminars (i.e., Tools You Can Use: TI-84), group review sessions (i.e., College Algebra Topic Reviews, GRE Preparation), group study opportunities (i.e., TSIA, HESI, Study Break, Exam Cram), and test-taking strategies (How to take Notes, Study Buddy, 5 Day Study Guide). The Learning Curve is a nationally certified tutoring program through the National Tutoring Association. The peer tutors are trained and certified by the coordinator each semester. Location: J.B. Coleman Library Rm. 207F. Phone: 936-261-1561

The Center for the Oversight and Management of Personalized Academic Student Success (COMPASS)

The Center for the Oversight and Management of Personalized Academic Student Success (COMPASS) is designed to help Prairie View students in their second year and beyond navigate towards graduation by providing the following services: Academic Advisement, Targeted Tutorials for Personalized Learning, Campus-

Wide Referrals, and Academic & Social Workshops. Location: J.B. Coleman Library Rm. 306. Phone: 936-261-1040

Writing Center

The Writing Center provides student consultants on all aspects of the writing process and a variety of writing assignments. Writing Center consultations assist students in such areas as prewriting, brainstorming, audience awareness, organization, research, and citation. Students taking on-line courses or courses at the Northwest Houston Center or College of Nursing may consult remotely or by email. Location: Hilliard Hall Rm. 121. Phone: 936-261-3724.

Student Counseling Services

The Student Counseling Services unit offers a range of services and programs to assist students in maximizing their potential for success: short-term individual, couples, and group counseling, as well as crisis intervention, outreach, consultation, and referral services. The staff is licensed by the State of Texas and provides assistance to students who are dealing with academic skills concerns, situational crises, adjustment problems, and emotional difficulties. Information shared with the staff is treated confidentially and in accordance with Texas State Law. Location: Owens-Franklin Health Center Rm. 226. Phone: 936-261-3564

Testing

The Department of Testing administers College Board CLEP examinations, the HESI A2 for pre-nursing majors, LSAT for law school applicants and MPRE for second-year law students, the Experiential Learning Portfolio option, the Texas Success Initiative (TSI) Assessment, which determines college readiness in the state, and exam proctoring, among other service such as SAT and ACT for high school students. Location: Delco Rm. 141. Phone: 936-261-4286

Office of Diagnostic Testing and Disability Services

As a federally-mandated educational support unit, the Office of Disability Services serves as the repository for confidential disability files for faculty, staff, and students. For persons with a disability, the Office develops individualized ADA letters of request for accommodations. Other services include: learning style inventories, awareness workshops, accessibility pathways, webinars, computer laboratory with adapted hard and software, adapted furniture, proctoring of non-standardized test administrations, ASL interpreters, ALDs, digital recorders, livescribe, Kurtzweil, and a comprehensive referral network across campus and the broader community. Location: Evans Hall Rm. 317. Phone: 936-261-3585

Veteran Affairs

Veterans Services works with student veterans, current military and military dependents to support their transition to the college environment and continued persistence to graduation. The Office coordinates and certifies benefits for both the G.I. Bill and the Texas Hazlewood Act. Location: Evans Hall Rm. 323. Phone: 936-261-3563

Office for Student Engagement

The Office for Student Engagement delivers comprehensive programs and services designed to meet the co-curricular needs of students. The Office implements inclusive and accessible programs and services that enhance student development through exposure to and participation in diverse and relevant social, cultural, intellectual, recreational, community service, leadership development and campus governance. Location: Memorial Student Center Rm. 221. Phone: 936-261-1340

Career Services

Career Services supports students through professional development, career readiness, and placement and employment assistance. The Office provides one-on-one career coaching, interview preparation, resume and letter writing, and career exploration workshops and seminars. Services are provided for students at the Northwest Houston Center and College of Nursing in the Medical Center twice a month or on a requested basis. Distance Learning students are encouraged to visit the Career Services website for information regarding services provided. Location: Evans Hall Rm. 217. Phone: 936-261-3570

University Rules and Procedures

Disability Statement (Also See Student Handbook):

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Evans Hall, Room 317, or call 936-261-3585/3.

Academic misconduct (See Student Handbook):

You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.

Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.
2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.
3. Fabrication: use of invented information or falsified research.
4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):

Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

Title IX Statement

Prairie View A&M University (PVAMU) is committed to supporting students and complying with the Texas A&M University System non-discrimination policy. It seeks to establish an environment that is free of bias, discrimination, and harassment. If you experience an incident of sex- or gender-based discrimination, including sexual harassment, sexual assault or attempted sexual assault, we encourage you to report it. While you may talk to a faculty member about an incident of misconduct, the faculty member must report the basic facts of your experience to Ms. Alexia Taylor, PVAMU's Title IX Coordinator. If you would like to speak with someone who may be able to afford you privacy or confidentiality, there are individuals who can meet with you. The Title IX Coordinator is designated to handle inquiries regarding non-discrimination policies and can assist you with understanding your options and connect you with on- and off-campus resources. The Title IX Coordinator can be reached by phone at 936-261-2123 or in Suite 013 in the A.I. Thomas Administration Building.

Attendance Policy

Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Student Academic Appeals Process

Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the

instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

TECHNICAL CONSIDERATIONS

Minimum Recommended Hardware and Software:

- Intel PC or Laptop with Windows 7; Mac with OS X; Smartphone or iPad/Tablet with Wi-Fi
- High speed Internet access
- 8 GB Memory
- Hard drive with 320 GB storage space
- 15" monitor, 800x600, color or 16 bit
- Sound card w/speakers
- Microphone and recording software
- Keyboard & mouse
- Most current version of Google Chrome, Safari, Internet Explorer or Firefox

Note: Be sure to enable Java & pop-ups

Participants should have a basic proficiency of the following computer skills:

- Sending and receiving email
- A working knowledge of the Internet
- Proficiency in Microsoft Word (or a program convertible to Word)
- Proficiency in the Acrobat PDF Reader
- Basic knowledge of Windows or Mac O.S.

Netiquette (online etiquette):

Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others on discussions boards. Foul or abusive language will not be tolerated.

Technical Support:

Students should go to <https://mypassword.pvamu.edu/> if they have password issues. The page will provide instructions for resetting passwords and contact information if login issues persist. For other technical questions regarding eCourses, call the Office of Distance Learning at 936-261-3283

Communication Expectations and Standards:

Emails or discussion postings will receive a response from the instructor, usually in less than 48 hours. Urgent emails should be marked as such. Check regularly for responses.

Discussion Requirement:

Online courses often require minimal to no face-to-face meetings. However, conversations about the readings, lectures, materials, and other aspects of the course can take place in a seminar fashion. This will be accomplished by the use of the discussion board. The exact use of discussion will be determined by the instructor.

It is strongly suggested that students type their discussion postings in a word processing application and save it to their PC or a removable drive before posting to the discussion board. This is important for two reasons: 1) If for some reason your discussion responses are lost in your online course, you will have another copy; 2) Grammatical errors can be greatly minimized by the use of the spell-and-grammar check functions in word processing applications. Once the post(s) have been typed and corrected in the word processing application, it should be copied and pasted to the discussion board.

Summer Academic Calendar

Jul 09	First Class Day -Summer 2018 2nd 5-week session
Monday Jul 09	Late Registration and Drop/Add -Summer 2018 2nd 5-week session
Monday Jul 09	Student Web Registration Access Closes at midnight -Summer 2018 2nd 5-week session
Monday Jul 12	4th Class Day (Census Date) -Summer 2018 2nd 5-week session
Thursday Jul 12	Last Day to Withdraw from Course(s) without Academic Record - Summer 2018 2nd 5-week session
Thursday Jul 13 - Jul 30	Withdrawal from Courses with Academic Records (“W”)Period - Summer 2018 2nd 5-week session
Friday through Monday Jul 27	15th Class Day (Census Date) -Summer 2018 2nd 5-week session
Friday Jul 27	60% of term -Summer 2018 2nd 5-week session
Friday Jul 30	Last Day to Withdraw from Course(s) with Academic Records (“W”) - Summer 2018 2nd 5-week session
Monday Aug 03	Last Day to Withdraw from the University (from all courses) for the Summer 2018 2nd 5-week session
Friday Aug 06	Final Exam -Summer 2018 2nd 5-week session
Monday Aug 06	Last Class Day for Summer 2018 2nd 5-Week Session
Monday Aug 06	Last Day to Apply for Graduation -Degree Conferral only for Summer 2018 Graduation (no ceremony participation or listing in program) - Summer 2018 2nd 5-week session
Monday Aug 06	Late Deadline for graduating Undergraduates to submit Application for Tuition Rebate for Summer 2018 -Summer 2018 2nd 5-week session
Monday	

Aug 08	Graduation Candidates' Grades Due by Noon -Summer 2018 2nd 5-
Wednesday	week session
Aug 10	Final Grades due for all other students -Summer 2018 2nd 5-week
Friday	session
Aug 11	COMMENCEMENT -Summer 2018 2nd 5-week session
Saturday	



