

 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs		UUPC Approval <u>2/26/24</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Geosciences College Science		
Current Course Prefix and Number EVR 1001	Current Course Title Environmental Science and Sustainability		
<i>Syllabus must be attached for ANY changes to current course details. See <u>Template</u>. Please consult and list departments that may be affected by the changes; attach documentation.</i>			
Change title to: Change prefix From: _____ To: _____ Change course number From: _____ To: _____ Change credits* From: _____ To: _____ Change grading From: _____ To: _____ Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*See Definition of a Credit Hour. **WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See <u>WAC Guidelines</u>. ***GE criteria must be indicated in syllabus and approval attached to this form. See <u>Intellectual Foundations Guidelines</u>.</small>		Change description to: This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs. Change prerequisites/minimum grades to: Change corequisites to: Change registration controls to: Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Fall 2024		Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone Tiffany Roberts Briggs / briggst@fau.edu / 561-297-4669			
Approved by Department Chair _____ College Curriculum Chair _____ College Dean _____ UUPC Chair _____ Undergraduate Studies Dean _____ UFS President _____ Provost _____		Date _____ _____ <u>2/1/24</u> <u>2/26/24</u> <u>2/26/24</u> _____ _____	

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.

Environmental Science and Sustainability – Spring 202X

Course Number: EVR 1001 (3 credits)

Day: Tuesdays and Thursdays

Time: 2:00 – 3:50 pm

Room: SE 457

Instructor: XXXX

Office Number: SE 4XX

E-mail:

Office Hours: XXXX

COURSE DESCRIPTION

This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs.

PRE-REQUISITES

There are no prerequisites or permission from the instructor required for this course.

COURSE WEBSITE AND TEXTBOOK

This course will use Canvas (<https://canvas.fau.edu>) for posting all course material, for information dissemination, and grade posting.

There is no required text for this course. All readings will be posted on Canvas.

It is the responsibility of all students to keep current with all announcements and materials posted to Canvas.

STUDENT LEARNING OBJECTIVES

By the end of this course, we should be able to:

1. Students will apply critical thinking to analysis and interpretation of environmental information and model output.
2. Students will apply the scientific method to explain natural experiences and phenomena.
3. Students will explain the basic chemical, biological, and physical principles of environmental science.

4. Students will use empirical evidence to describe the historical and modern context of environmental problems and their solutions.

COURSE FORMAT AND EVALUATIONS

The course is lecture based, with movies and videos related to specific topics covered throughout the semester included both within the lectures, and in assignments.

Grading for this course is as follows:

Activity	% of Grade
Written Assignments	60%
Exams (3)	40%
Total:	100%

Course Grading Scale

Letter Grade	Letter Grade
A	94 - 100%
A-	90 - 93%
B+	87 - 89%
B	83 - 86%
B-	80 - 82%
C+	77 - 79%
C	73 - 76%
C-	70 - 72%
D+	67 - 69%
D	63 - 66%
D-	60 - 62%
F	Below 60

EXTRA CREDIT

There will be no extra credit assignments in this course.

Faculty Rights and Responsibilities

Florida Atlantic University respects the rights of instructors to teach and students to learn. Maintenance of these rights requires classroom conditions that do not impede their exercise. To ensure these rights, faculty members have the prerogative to:

- Establish and implement academic standards.
- Establish and enforce reasonable behavior standards in each class.
- Recommend disciplinary action for students whose behavior may be judged as disruptive under the Student Code of Conduct [University Regulation 4.007](#).

Disability Policy

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).

Attendance Policy Statement

Students are expected to attend all their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of nonattendance. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations, or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances, and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved

reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

Students are expected to access the course at least three times per week to ensure you do not miss pertinent postings, messages, or announcements. It is imperative that you meet course deadlines and stay active in discussion boards, group projects, etc. If you are experiencing major illnesses, absences due to university duties, or other large-scale issues, contact the instructor immediately to formulate a resolution (if possible). Electronic mail is a critical communication tool in an online course! Please note that this course conforms to the FAU student email policy. All course-related email will be sent to your FAU email account. All students must regularly (at least three times weekly) access their FAU email accounts, Except for Saturdays, Sundays, and holidays, the Instructor or TA typically will respond to messages within 48 hours.

Religious Accommodation Policy Statement

In accordance with the rules of the Florida Board of Education and Florida law, students have the right to reasonable accommodations from the University in order to observe religious practices and beliefs regarding admissions, registration, class attendance, and the scheduling of examinations and work assignments. University Regulation 2.007, Religious Observances, sets forth this policy for FAU and may be accessed on the FAU website at www.fau.edu/regulations.

Any student who feels aggrieved regarding religious accommodations may present a grievance to the executive director of The Office of Civil Rights and Title IX. Any such grievances will follow Florida Atlantic University's established grievance procedure regarding alleged discrimination.

Time Commitment Per Credit Hour

For traditionally delivered courses, not less than one (1) hour of classroom or direct faculty instruction each week for fifteen (15) weeks per Fall or Spring semester, and a minimum of two (2) hours of out-of-class student work for each credit hour. Equivalent time and effort are required for Summer Semesters, which usually have a shortened timeframe. Fully Online courses, hybrid, shortened, intensive format courses, and other non-traditional modes of delivery will demonstrate equivalent time and effort.

Policy on Make-up Tests, Late work, and Incompletes

Because a generous block of time is provided for completing all assignments, it is the student's responsibility to ensure that they are completed PRIOR to the due date. Makeups with written documentation of a medical or family emergency must be requested as soon as feasible. If you miss an assignment for unexcused reasons, you lose credit for it unless you contact the instructor within two days of the due date. Late work may be granted with a 5% deduction per day late penalty at the discretion of the instructor. If you know that you can't submit an assignment beforehand, be sure to contact the instructor to see if it can be administered at a different time or date. Additionally, since it is always possible to have a computer issue at any time, students should avoid waiting until the last minute to complete homework and tests.

Policy on the Recording of Lectures

Students enrolled in this course may record video or audio of class lectures for their own personal educational use. A class lecture is defined as a formal or methodical oral presentation as part of a university course intended to present information or teach students about a particular subject.

Recording class activities other than class lectures, including but not limited to student presentations (whether individually or as part of a group), class discussion (except when incidental to and incorporated within a class lecture), labs, clinical presentations such as patient history, academic exercises involving student participation, test or examination administrations, field trips, and private conversations between students in the class or between a student and the lecturer, is prohibited. Recordings may not be used as a substitute for class participation or class attendance and may not be published or shared without the written consent of the faculty member. Failure to adhere to these requirements may constitute a violation of the University's Student Code of Conduct and/or the Code of Academic Integrity.

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

Tentative Schedule and Due Dates

DATE	DAY	ASSIGNMENT DUE
January 20	Monday	Eco/Carbon Footprint Activities
January 27	Monday	Three Gorges Dam
February 3	Monday	Food Scarcity
February 10	Monday	Red Tide in Florida
February 17	Monday	Microplastics
TBA	Tuesday	Exam 1
February 24	Monday	SWITCH Energy Project Movie
March 2	Monday	Tragedy of the Commons
SPRING BREAK		
March 16	Monday	Amazon Rain Forest
March 23	Monday	Diamond Mining
March 30	Monday	Coal
TBA	Tuesday	Exam 2
April 6	Monday	Climate Change Documentary
April 13	Monday	Fighting Water with Water
April 20	Monday	Latest U.S. Climate Assessment
April 27	Monday	The Everglades
TBA	Tuesday	Exam 3

The instructor reserves the right to change the schedule.

MODULES/Lecture Topics
1a - Introduction, and Environmental Perspectives
1b - Ecological Perspectives
2 - Biodiversity
3 – Population
4 – Food Production
5 – Fresh Water
6a – Oceans and Fishing
6b – Oceans and Fishing
7a – Energy
7b – Energy
8 – Forestry
9 – Mining
10 – Air Pollution
11a – Climate Change
11b – Climate Change
12 – Environmental Policy