

**ESCI 3204: Research Experience in Environmental Science 1**  
**SYLLABUS and TENTATIVE SCHEDULE**  
**Fall 2022**

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**COURSE OBJECTIVE**

Training in conducting and communicating research through workshops and active data collection for citizen-scientist based research studies.

Students will be required to spend a minimum of **4-6 hrs per week** working on a research topic with your faculty mentor in addition to attending class

Specific skills learned will include:

- How to keep a lab notebook
- Developing research proposals (e.g., hypotheses, experimental design)
- Applying for summer internships
- How to complete and present a research poster
- How to give an Elevator Talk
- Ethics in Environmental Research
- Communicating science to the general public

**GRADE DETERMINATION**

**POINTS**

Lab notebook:	10
Faculty evaluation:	30
Elevator talk:	10
Practice presentation:	10
Final presentation:	30
Attendance & <u>Participation &amp; Quizzes</u>	<u>10</u>
<b>TOTAL</b>	<b>100</b>

**ASSIGNMENT OF GRADES**

90-100 POINTS = A
80-89 POINTS = B
70-79 POINTS = C
60-69 POINTS = D
<60 POINTS = F

Rubrics for all presentations will be posted on Blackboard.

**Required Textbook:** None required.

## TENTATIVE SCHEDULE - Fall 2022 | Thursday 3:30 PM – 5:20 PM

<b>Date</b>	<b>Topic</b>	<b>Instructor</b>
Aug 25	Introduction to Research	Walsh/Kubicki
Sept 1	Lab Safety Training	Veilleux
Sept 8	Hypothesis Development	Kubicki
Sept 15	Experimental Design	Walsh
Sept 22	Enviro Ethics & Research Conduct	Walsh
Sept 29	Communicating Science to the Public	Kubicki
Oct 6	How to Present an Elevator Talk/Scientific Paper	Walsh/Kubicki
Oct 13	Elevator Talk/Scientific Presentations	Walsh/Kubicki
Oct 20	Elevator Talk/Scientific Presentations	Valenzuela
Oct 27	How to Make a Research Poster	Valenzuela
Oct 28	<b>Course Drop Deadline</b>	
Nov 3	Constructing and Presenting Graphs	Kubicki
Nov 10	Panel with Research Mentors	Walsh/Kubicki
Nov 17	Practice Poster Presentations	Valenzuela
Nov 24	<b>No lab - Thanksgiving</b>	
Dec 1	Formal poster presentations	Walsh/Kubicki

### COURSE POLICIES

**POLICY ON DROP DEADLINE:** We will follow the College of Science and UTEP with respect to the drop date of Oct 28<sup>th</sup>. No requests for a withdrawal will be approved after this date.

**POLICY ON CLASS PARTICIPATION:** You are expected to come to class prepared and ready to engage in the topic. Attendance and participation are part of your grade (10%).

**POLICY ON CAMPUS CARRY:** Persons holding a Concealed Handgun License can lawfully carry

their handgun into a UTEP classroom as long as the gun remains concealed. Open carry remains prohibited on campus. In other words, none of us should see (or be able to tell that there is) a gun at UTEP. Call the University Police at 747-5611 or dial 911 if you see any individual on campus with a handgun or other type of weapon. For more information on campus carry, see [<http://sa.utep.edu/campuscarry/>]; for more information on overall campus safety, see [<http://admin.utep.edu/emergency>].

**POLICY ON CIVILITY:** Please come to class on time. It is disturbing and distracting everybody if people come in late. Please do not hold private conversations during lectures, but feel free to ask questions or start a discussion at any time. ***Cell phones MUST be turned off during class. DO NOT answer phones while in class.***

**DISABILITY STATEMENT:** If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to [cass@utep.edu](mailto:cass@utep.edu), or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass). *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*

**MILITARY STATEMENT:** If you are a military student with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact one of the Instructors no later than Sept 15th.

**POLICY ON HOMEWORK:** All homework assignments are to be individual efforts unless specifically told otherwise. This policy will be strictly enforced.

**POLICY ON MAKE-UP ASSIGNMENTS:** NO make-up assignments will be given for reasons other than illness (doctor's note required), absence with the instructor's prior approval, or when a student is on official University business (documentation required BEFORE the absence).

**POLICY ON ACADEMIC HONESTY:** Academic Dishonesty will not be tolerated. All university guidelines will be strictly followed. Please read these guidelines carefully. If you have any questions regarding the university policy please contact the Dean of Students.

**POLICY ON ELECTRONIC DEVICES:** Use of **laptops** during class is not permitted, except for class assigned presentations. The necessity of classroom interaction in this course negates the usefulness of laptops as a note-taking device. The use of your laptop during class can also prove distracting to your classmates, so please refrain from using your laptop during class. Use of **cell phones or other wireless devices are not permitted.**

- Set your phone to mute or silent mode before coming to class.
- Do not answer incoming calls or make outgoing calls except in an emergency.
- Do not use text messaging or web browser features while in class.

***If you choose not to comply with these policies you will be asked to leave the classroom.***

#### COVID-19 PRECAUTION STATEMENT

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to [covidaction@utep.edu](mailto:covidaction@utep.edu), so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit [epstrong.org](http://epstrong.org).