

**BIOINFORMATICS SEMINAR SYLLABUS**  
**Fall 2023**

**Biology Seminar/Bioinformatics - BINF 5110 002**

|                  |                             |
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| <b>CRN:</b>      | 12408                       |
| <b>Duration:</b> | Aug 28, 2023 - Dec 07, 2023 |
| <b>Status:</b>   | Active                      |

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**Instructor:** Dr. Jianying Zhang, Professor in Biological Sciences at UTEP

**Classroom:** Hudspeth Hall Room #213

**Office:** Bioscience Building Room #3.124

**Class Hours:** W 12:30-1:20pm

**Office hours:** Appointment by email

**Phone:** 915-747-6995 (office)

**email:** [jzhang@utep.edu](mailto:jzhang@utep.edu)

**Seminar (SEM) Schedule Type**

**Hybrid: 50-85% Online Instructional Method**

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**COURSE OBJECTIVE**

Survey current topics in Bioinformatics in a seminar/discussion format

**GRADE DETERMINATION**

Students will each be giving two presentations on current topics in Bioinformatics, which one is for Research Article Presentation, other one is for Project Presentation.

Students will receive a peer grade (15%) and an instructor grade (25%) for each presentation. Participation grades will be determined by the assigned questions regarding the reading (50%) and engagement in discussions of presented materials (50%).

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|--------------------|-----|
| PRESENTATIONS..... | 80% |
| PARTICIPATION..... | 20% |

**Required Textbook:** None required. Reading from the literature will be used.

## Tentative PRESENTATION SCHEDULE - Fall 2023

| <b>Date</b> | <b>Topic</b>  |
|-------------|---|
| Aug 30      | Introduction to the seminar, assignment of presentation dates |
| Sep 6       | Research article presentation                                 |
| Sept 13     | Research article presentation                                 |
| Sept 20     | Research article presentation                                 |
| Sep 27      | Research article presentation                                 |
| Oct 4       | Research article presentation                                 |
| Oct 11      | Research article presentation                                 |
| Oct 18      | Research article presentation                                 |
| Oct 25      | Project presentation  |
| Nov 1       | Project presentation  |
| Nov 8       | Project Presentation  |
| Nov 15      | Project Presentation  |
| Nov 22      | Project Presentation  |
| Nov 29      | Project Presentation  |
| Dec 6       | Project Presentation  |

## COURSE GENERAL POLICIES

**POLICY ON CLASS PARTICIPATION:** You are expected to come to class prepared to lead a discussion on the assigned topic. You should have a good understanding of the reading and have several questions ready to discuss.

**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 a student has or suspects he/she has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at [dss@utep.edu](mailto:dss@utep.edu) or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

**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 EXAMINATIONS:** **NO** make-up exams 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). Make-up exams will be scheduled on Fridays at 5 pm. The same policy will be followed for missed laboratory work.

**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 ask to leave the classroom.***