

BIOL 2410C PREREQUISITE AND COREQUISITE COURSES:

All students must have received a 'C' or better in BIOL 2110C, CHEM 1215/1215L.

All students must be registered for or have received a 'C' or better in CHEM 1225/1225L.

BIOL 2410C REQUIRED MATERIALS:

Biological Science 7th Edition, Freeman – Inclusive Access or hard copy available for purchase at the UNM Bookstore

BIOL 2410C GRADING POLICY:

The Discussion portion of student grades are based on 1 Welcome Assignment, 10 Lab Assignments, 9 Poster Project Assignments, and 1 EASE Workshop. BIOL 2410C is a 4-credit course with the Discussion portion completed in tandem with the Lecture portion. Students are responsible for actively tracking their grades on UNM Canvas. Students with discussion grade concerns should address them with their Graduate Teaching Assistant or Lab Coordinator as soon as possible upon receiving graded work. All discussion grades are considered permanent 2 weeks after a grade is assigned. Students are responsible for adhering to all University of New Mexico grade policies (refer to UNM Catalog). This course is not offered for Credit/No Credit.

BIOL 2410C WITHDRAWAL POLICY:

This course can be dropped without receiving a 'W' up until the end of Week 3 (Feb 03). After this date, students will receive a 'W' at the time of withdrawal.

BIOL 2410C POSTER PROJECT:

All students will be assigned to a Poster group during the first two weeks of Discussion. Poster groups will work together in Discussion to choose a topic, conduct a literature review, and present their findings as a poster printed by the Biology Core Offices. All students must participate in their group throughout the semester. Student poster groups will present their posters in their discussion sections during Week 13. Students can earn extra credit (PP-00) on their individual poster project grade by presenting at a departmental poster session held 2:00pm–3:00pm on Apr 14.

Group Poster Project Deadlines		
Assignment	Bibliography	11:59pm on Feb 10
	Introduction and Figure Captions	11:59pm on Feb 24
	Poster Draft File	11:59pm on Mar 10
	Polished Poster File	11:59pm on Mar 31
	Poster Presentation	Discussion in W12 (Apr 13 & 14)

ALL STUDENTS RESPONSIBLE FOR REVIEWING FULL SYLLABUS ON CANVAS



Week	Dates	Topic and Assignments
01	Jan 16 – Jan 20	No Discussion Sections – W01
02	Jan 23 – Jan 27	Discussion Topic: Meiosis Completed during discussion: LA-01
03	Jan 30 – Feb 03	Discussion Topic: Diagramming Primary Literature Due by 11:59pm on Feb 03: WA-01 Completed during discussion: LA-02
04	Feb 06 – Feb 10	Discussion Topic: Serial Dilutions and Laboratory Techniques Completed during discussion: LA-03 Due by 11:59pm on Feb 10: PP-01
05	Feb 13 – Feb 17	Poster Project Work Time: Introduction and Figure Captions
06	Feb 20 – Feb 24	Discussion Topic: DNA Extraction Completed during discussion: LA-04 Due by 11:59pm on Feb 24: PP-02
07	Feb 27 – Mar 03	Poster Project Work Time: Poster Formatting
08	Mar 06 – Mar 10	Discussion Topic: Transcription and Translation Completed during discussion: LA-05 Due by 11:59pm on Mar 10: PP-03
09	Mar 13 – Mar 17	No Discussion Sections – Spring Break
10	Mar 20 – Mar 24	Poster Project Work Time: Peer Review Completed during discussion: PP-04
11	Mar 27 – Mar 31	Discussion Topic: Polymerase Chain Reaction (PCR) Completed during discussion: LA-06 Due by 11:59pm on Mar 31: PP-05
12	Apr 03 – Apr 07	Discussion Topic: The Lac Operon Completed during discussion: LA-07
13	Apr 10 – Apr 14	Poster Project Presentations Completed during discussion: PP-07, PP-08 Departmental Poster Session 2:00pm–3:00pm on Apr 14 (Optional)
14	Apr 17 – Apr 21	Discussion Topic: Gel Electrophoresis and DNA Visualization Completed during discussion: LA-08 Due by 11:59pm on Apr 21: PP-06
15	Apr 24 – Apr 28	Discussion Topic: DNA Sequence Analysis Completed during discussion: LA-09
16	May 01 – May 05	Discussion Topic: Syed Lab Activity Completed during discussion: LA-10
17	May 08 – May 12	No Discussion Sections – Final Exams

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