



Jordan University of Science and Technology
Faculty of Science & Arts
Biotechnology & Genetic Engineering Department

BT491 Seminar

Summer Semester 2019-2020

Course Catalog

1 Credit Hours. A discussion based capstone course that will integrate the topics and concepts of the Biotechnology and Genetic Engineering Program. Emphasis will be on applications of biotechnology, current issues, societal/ethical concerns, and laboratory management.

Text Book

Title	Practical Skills in Biology
Author(s)	Jones A, Reed R, Weyers J.
Edition	6th Edition
Short Name	Ref # 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Short Guide to Writing about Biology	Pechenik JA	9th Edition	

Instructor

Name	Prof. Amjad Mahasneh
Office Location	PH4 L-1
Office Hours	Sun : 11:30 - 13:00 Mon : 11:30 - 13:00 Tue : 11:00 - 13:00 Wed : 11:30 - 12:30
Email	amjada@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Sun, Tue : 14:30 - 15:30

Room: منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2	Preparing Oral Presentations	Chapter 15 From Ref # 1
Weeks 3, 4	Advice On Reading The Primary Literature	Chapter 3 From Ref # 2
Weeks 5, 6	Preparation of Presentations	
Weeks 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	Student Presentations	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Explain and discuss some of the many applications of biotechnology to plants, animals, and humans [1D]	50%	
Discuss societal and ethical issues associated with biotechnology [1E]	20%	
Give an oral presentation of a scientific journal article that integrates the information acquired in the Program [1D]	30%	

Relationship to Program Student Outcomes (Out of 100%)

A	B	C	D	E	F
			80	20	

Evaluation

Assessment Tool	Weight
One evaluation	100%

Policy

Attendance	Your class attendance is mandatory. Absences in excess of 20% of the total lecture hours will result in your being dropped from the course with a failing grade
Cell phones	Cell phones must be turned off during lectures. No incoming or outgoing calls or text messages are allowed