



مركز الاعتماد
وإضمان الجودة
ACCREDITATION & QUALITY ASSURANCE CENTER



The University of Jordan

Accreditation & Quality Assurance Center

Course Syllabus

**Course Name: Special Studies in
Mathematics**

Course Syllabus

1	Course title	Special Studies in Mathematics
2	Course number	0301781
3	Credit hours	3
	Contact hours (theory, practical)	3
4	Prerequisites/co-requisites	-
5	Program title	Ms. Mathematics
6	Program code	
7	Awarding institution	The University of Jordan
8	School	Science
9	Department	Mathematics
10	Course level	Elective
11	Year of study and semester (s)	All semesters
12	Other department (s) involved in teaching the course	None
13	Main teaching language	English
14	Delivery method	Face to face learning
15	Online platforms(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
16	Issuing/Revision Date	4 th Oct. , 2023

17 Course Coordinator:

Name: Prof. Emad Abuosba

Contact hours:

Office number: 308

Phone number: 22088

Email: eabusba@ju.edu.jo



18 Other instructors:

19 Course Description:

As stated in the approved study plan.

Part I: Research in mathematics

Types of research: (open problems, generalizations and extensions, investigating new concepts, remarkable research, questions and answers in certain field)

Methods of research: (proofs, computer management)

Types of Journals; Writing a research paper; Publication Process

Part II: The instructor should discuss some special topics in a specific field and present some research papers in the class room.

Part III: Each student must represent a detailed lecture using at least one research paper.

20 Course aims and outcomes:

A- Aims:

1. The student know the type of research, types of journals and procedure of submitting an article.
2. The students is able to analyse an article paper.
3. The student represents a seminar in front of his colleges and teachers.

B- Course Learning Outcomes (CLOs):

Upon successful completion of this course, students will be able to:

SOs	SO (1)	SO (2)	SO (3)	SO (4)	SO (5)	SO (6)	SO (7)	SO (8)
CLOs of the course								
1- Know the types of research	●							
2- Know the methods of research	●							
3- Know the types of Journals; writing a research paper; publication Process								●
4- Read, understand and analyse a research article	●	●	●	●		●		
5- Represents a seminar in front of his colleges and teachers			●		●		●	

21. Topic Outline and Schedule:

Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
1 +2		Type of research	1					

3+4		Methods of research	1					
5+6		Types of Journals; Writing a research paper; Publication Process	8					
7-9		Discussing research papers	1+2+3 +4+6					
10-15		Students seminars	3+5+7					

22 Evaluation Methods:

Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	SO's	Period (Week)	Platform
First Exam	10	Types and methods of research, Journals			On Campus
Second Exam	20	Topics presented by the instructor			On Campus
Seminar	30	Prepared by the students			On Campus
Final Exam	40				

23 Course Requirements

Each student must have:

- Account on Microsoft Teams

24 Course Policies:



1. Attendance is absolutely essential to succeed in this course. You are expected to attend every class; please notify your instructor if you know you are going to be absent. All exams must be taken at the scheduled time. Exceptions will be made only in extreme circumstances, by prior arrangement with the instructor.
2. If a student is absent for more than 10% of lectures without an excuse of sickness or due to other insurmountable difficulty, then he/she shall be barred from the final examination also he/she will get a failing grade in this course.
3. Medical certificates shall be given to the University Physician to be authorized by him. They should be presented to the Dean of the Faculty within two weeks of the student's ceasing to attend classes.
4. Test papers shall be returned to students after correction. His/her mark is considered final after a lapse of one week following their return.
5. Cheating is prohibited. The University of Jordan regulations on cheating will be applied to any student who cheats in exams or on home works.

25 References:

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26 Additional information:

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Name of Course Coordinator: Prof. Emad Abuosba	Signature: -----	Date: 4-10-2023
Head of Curriculum Committee/Department: -----	Signature: -----	
Head of Department: -----	Signature: -----	
Head of Curriculum Committee/Faculty: -----	Signature: -----	
Dean: -----	Signature: -----	