

Course E-Syllabus

1	Course title	Seagrass and Algae
2	Course number	٥٥٠١٣٤٢
3	Credit hours	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	General Biology (2), 5501102
5	Program title	Biology
6	Program code	5503
7	Awarding institution	The Jordan University -Aqaba
8	School	Faculty of Basic and Marine Science
9	Department	Marine Biology
10	Level of course	3rd
11	Year of study and semester (s)	First semester 2020-2019
12	Final Qualification	Bachelor degree
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Teaching methodology	<input type="checkbox"/> Blended <input checked="" type="checkbox"/> Online
16	Electronic platform(s)	<input type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input checked="" type="checkbox"/> Zoom <input type="checkbox"/> Others.....
17	Date of production/revision	

18 Course Coordinator:

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19 Other instructors:

Name:
Office number:
Phone number:
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Name:
Office number:
Phone number:
Email:

۲۰ Course Description:

As stated in the approved study plan.

In this course the student will know everything about the seagrass and algae such as the taxonomy distributions in different habitats. Also, the students will know the life cycles of different algae, pigmentation and habitats. The commercial usage of the algae.

۲۱ Course aims and outcomes:

A- Aims:

- 1- Algae and seagrass identification
- 2- Life cycle of different seagraa and algae
- 3- The economic important of Algae

B- Intended Learning Outcomes (ILOs):

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

In this course the student will know everything about the seagrass and algae such as the taxonomy distributions in different habitats. Also, the students will know the life cycles of different algae, pigmentation and habitats. The commercial usage of the algae.

۲۲. Topic Outline and Schedule:

Week	Lecture	Topic	Teaching Methods*/platform	Evaluation Methods**	References
1	1.1	Introduction of seagrass	Zoom	Direct questions, Quises	Global challenges for seagrass conservation
	1.2	Introduction of seagrass	Zoom	Direct questions, Quises	Global challenges for seagrass conservation
	1.3	Introduction of seagrass	Zoom	Direct questions, Quises	Global challenges for seagrass conservation
2	2.1	Knowledge about the places of seagrass ecosystem	Zoom	Direct questions, Quises	Global challenges for seagrass conservation
	2.2	Knowledge about the places of seagrass ecosystem	Zoom	Direct questions, Quises	Global challenges for seagrass conservation
	2.3	Knowledge about the places of seagrass	Zoom	Direct questions, Quises	Global challenges for seagrass conservation

		ecosystem			
3	3.1	Knowledge about the places of seagrass ecosystem	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	3.2	Knowledge about the places of seagrass ecosystem	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	3.3	Knowledge about the places of seagrass ecosystem	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
4	4.1	Seagrass ecosystem conservations	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	4.2	Seagrass ecosystem conservations	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	4.3	Seagrass ecosystem conservations	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
5	5.1	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	5.2	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	5.3	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
6	6.1	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	6.2	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	6.3	Introduction of Algae and its Taxonomy	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
7	7.1	Occurrence of marine algae and distributions	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	7.2	Occurrence of marine algae and distributions	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	7.3	Occurrence of marine algae and distributions	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
8	8.1	Algae life cycle	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	8.2	Algae life cycle	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation

	8.3	Algae life cycle	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
9	9.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	9.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	9.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
10	10.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	10.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	10.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
11	11.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	11.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	11.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
12	12.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	12.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	12.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
13	13.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	13.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	13.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
14	14.1	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	14.2	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
	14.3	Economic important of Algae	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation
Econo	Zoom	Direct questions,	Global challenges for	Economic	Zoom

mic importa nt of Algae Econo mic importa nt of Algae Econo mic importa nt of Algae		Quizzes	seagrass conservation	important of Algae	
	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation	Economic important of Algae	Zoom
	Zoom	Direct questions, Quizzes	Global challenges for seagrass conservation	Economic important of Algae	Zoom

- Teaching methods include: Synchronous lecturing/meeting; Asynchronous lecturing/meeting
- Evaluation methods include: Homework, Quiz, Exam, pre-lab quiz...etc

۲۳ Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	Period (Week)	Platform
Short quizzes	10	Introduction of seagrass and distributions	1-2	Google forms
Midterm Exam	30	Seagrass parts	1-4	Google forms
Short quizzes	10	Life cycle of algae	5-6	Google forms
Short quizzes	10	Usage of algae	7-8	Google forms
Short quizzes	10	Economic importance of algae	9-10	Google forms
Final Exam	50	All material	1-13	Google forms
Participations and attendance	5	-	-	-

۲۴ **Course Requirements (e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc):**

students should have a computer, internet connection, webcam, account on a specific software/platform

۲۵ Course Policies:

- A- Attendance policies: Attendance were taken at the first 10 minutes and marks will be considered
- B- Absences from exams and submitting assignments on time: Assignments will be submitted on time, The final exam will be considered with 50% the absence from the final without excuse will be

loss the final marks

C- Health and safety procedures: will be considered if the final exam will be at the university otherwise will be taken online from home.

D- Honesty policy regarding cheating, plagiarism, misbehavior: will be taken in consideration

E- Grading policy: will be same for all students

F- Available university services that support achievement in the course: Library is available with books which can help the student to understand the concepts of the course material.

٢٦ References:

A- Required book(s), assigned reading and audio-visuals:

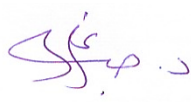
- 1- Global challenges for seagrass conservation
- 2- Field Guide to Seagrasses of the Red Sea.
- 3- The global status of seaweed production, trade and utilization

B- Recommended books, materials and media:

Any scientific papers or books taking about the seagrass and algae

٢٧ Additional information:

none

Name of Course Coordinator: Professor Tariq Al-Najjar Signature: -  Date: 3-11-2020

Head of Curriculum Committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of Curriculum Committee/Faculty: ----- Signature: -----

Dean: ----- Signature: -----