

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Phycology
Course number	BIOL4228
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - Introduction to Phycology include Modern classification of algae
2 - study the vegetative & somatic structure
3 - life cycles , similarity and differentiation between Bilona & Bacteria
4 - details study for chlorophyta, cloning of volvocales , Rhodophyta& its importance, Phayophyta . The course study the chromanta and Diatoms.
5 - details study for chlorophyta, cloning of volvocales , Rhodophyta& its importance, Phayophyta . The course study the chromanta and Diatoms.

Course Contents

1 - Introduction to Phycology
2 - Classification of algae
3 - Classification of algae Ecology
4 - vegetative & somatic structure
5 - vegetative & somatic structure
6 - General characters for algae subkingdom
7 - life cycles of algae
8 - -Similarity and differentiation between Bilona & Bacteria
9 - Details study for chlorophyta, cloning of volvocales
10 - Details study for chlorophyta, cloning of volvocales
11 - Rhodophyta& its importance, Phayophyta
12 - Study the chromanta
13 - Diatoms

Teaching and Learning Methods

1 - lectures
2 - Discussion
3 - presentations

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First hour exam	60minutes	20
Second hour exam	60minutes	20
presentitions		10
Final exam	120minutes	50

Books and References

Essential books	Lee.R(2008) phycology, campreg universitypress, campreg.fourth eddetion
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