

First Stage/ Paleontology G105

Course Description Form

The course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made maximum use of the available learning opportunities.

1.Educational Institution	College of Science/ University of Basrah
2. Department	Geology
3. Course name/Code 1. Programs included in it	Paleontology G105
4. Programs included in	Bachelor's, Master's, Doctorate
5. Attendance Form Available	Weekly
6. Semester/ Year	2019-2020
7. Total of study hours	30 hours + 60 practical hours
8. The course description was	prepared in 01/8/2020
9. Aims of the Course	
Develop the student's ability to recognize the importance of Paleontology, their presence, and distribution, environmental and economic importance.	

--

10.Course outcomes and methods of teaching, learning and assessment
a- Knowledge and Understanding goals a.1. Recognize the types of Paleontology . a.2. Recognize the keeping of fossils in the sediments. a.3. To develop the ability of the students to identify the fossils a.4. To Identify Macropaleontology. a.5. Identify the Mollusca around Basrah city. a.6. To understand the Geological time scale. .
b- Systematics of fossils b.1. Recognize shells in the environment. b.2. Application of fossils b.3. Identify and understanding of the mode of occurrence.
Learning Methods
1. Explanation and Discussion of the Lectures 2. It is boosting the student to conduct research and reports. 3. Urging the student to make PowerPoint presentations.
Evaluating Methods
1- Daily test and reports 2- Monthly exams 2- Final exams
C- Emotional and evolutionary goals 1. The ability to recognize the importance of Systematics. 2. General Environments.
Learning Methods

- | |
|--|
| <ol style="list-style-type: none">1. Explanation and Discussion of the Lectures2. Boosting the student to conduct research and reports.3. The student PowerPoint presentations. |
| <p>d- General Depositional Environments</p> <ol style="list-style-type: none">1. Developing the mental abilities of the student2. Developing the skills3. Dealing with field and laboratory4. Monitoring and evaluating of species and genus in the environment and the impact of climate change. |

This course description provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he has made the most of the available learning opportunities. It must be linked to the description of the program.

1. Sequencing of course content

Week	Hours	Unit name	Course Outcomes	Learning method	Evaluation method
1 st week, 2 ^{ed} , 3 ^{ed} weeks	2 h. lect. 2h. lab.	Theoretical: Paleontology . Practical: Sorting of Fossils	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical work, in the field and in the laboratory	Daily and monthly tests
4 th week, 5 th and 6 th weeks	2 h. lect. 2h. lab.	Theoretical: Staining first semester exam practical: Using the microscope for operation the fossils	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical work, in the field and in the laboratory	Daily and monthly tests
7 th week, and 8 th weeks	2 h. lect. 2h. lab.	Theoretical: Geological time scale and the application of fossils Practical: Identification and draw of fossils	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical work, in the field and in the laboratory	Daily and monthly tests
9 th week, and 10 th weeks	2 h. lect. 2h. lab.	Theoretical: Explain of mollusca Practical: Classification of mollusca and see their classes	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical work, in the field and in the laboratory	Daily and monthly tests
11 th week, and 12 th weeks	2 h. lect. 2h. lab.	Theoretical: Studying of porifera Practical: Using microscope	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical work, in the field and in the laboratory	Daily and monthly tests
13 th week,	2 h. lect. 2h. lab.	second semester exam	Knowledge and understanding of lectures	Understand the evolving state of knowledge learn to carry out practical	Daily and monthly tests

				work, in the field and in the	
11. Infrastructure					
14th week,	2 h. lect.	Theoretical:	Knowledge	Understand the	Daily and
anc 1-	Textbooks required for the course		Paleontolgy, Moore 1974	of knowledge learn to carry	tests
2 References		Practical: Charactersitics Practical semester exam	Al-FarooQ, 1980	work, in the field and in the laboratory	
Recommended readings			Conference, Sympsium, Seminar, Workshop and Training Course		
Electronic website			Google –Searching about General Paleontology-		

12. Course Development Plan

Course development based on recent versions of books and references..
The adoption of modern interactive teaching methods.
Activating alignment programs with international universities to learn about modern curricula and to exchange the experiences.