Course Description Form

1. Course Name:
Microfossils
2. Course Code:
3. Semester / Year:
Semester
4. Description Preparation Date:
30/3/2024
5. Available Attendance Forms:
Only attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
60hours
7. Course administrator's name (mention all, if more than one name)
Name: Esraa A. Mandhour Email: esra.mandhour@sci.utq.edu.iq
8. Course Objectives

Course Objectives	Understanding microfossils and the evolution organisms through the geological time scale, relations of organisms with living environment

9. Teaching and Learning Strategies	
Strategy	1- Educational strategy, collaborative conce planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 2 3 4 5 6 7					

8 9 10 11 12 13 14 15 Holi 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l 2theoretical+2practica l **exam**	1- The student's knowledge of theoretical and practical concepts microfossils. 2- The student's knowledge of how to c out field modeling of samples. 3- The student's knowledge of how prepare models for the purpose of stud them under the microscope. 4- The student's knowledge of how to u microscope for the purpose of exami fossils	1- Introduction of microfo 2- Chamber shapes organism growth nutrition 3-Foraminifera environm 4- large Foraminifera 5- Foraminifera classificat 6- Classification Foraminifera and identification of sc Foraminifera genera **First exam** 8- Introduction Crustaceans - Ostracoda 9- Orientation of carapa 10- Ornamentation 11- Ostracoda environm 12- Ostracoda classificati 13- Ostracoda classificati **Second exam**	Explaining theoret and practical mate through lectures, us means of illustrat and compa microfossils understand evolutio	Exams through weekly quick exams, monthly written exams, reports, research and end-of-y exam.

11. Course Evaluation

The distribution of grades is as follows: 35 marks for monthly and daily exams and reports for the theoretical aspect and 15 marks for monthly and daily exams for the practical aspect.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any	المتحجرات، فاروق صنع الله العمري وطارق صالح عباوي، جامعة الموصل، 1982.
Main references (sources)	- Armstrong H. and Brasier M., 2005. Microfossils, Blachwell publishing, 305 p. - - Moore R. C., 1979. Treatise on invertebr paleontology, University of Kansas, 594 p.
Recommended books and references (scientific journals, reports...)	**المتحجرات العضوية الدقيقة، ثامر خزعل العامري جامعة صلاح الدين،1989.**

Electronic References, Websites	