

Course Description form

1. Course Name:				
Mathematics and Biostatistics				
2. Course Code:				
Phcls24 ll4--				
3. Semester / Year				
1 st Semester/1 st year				
4. Description Preparation Date:				
1/11/2024				
5. Available Attendance Forms:				
Students' signature on attendance sheet				
6. Number of Credit Hours (Total) / Number of Units (Total)				
3 hours Theoretical (45)/ 3 units				
7. Course administrator's name				
Theoretical				
Name: Assis. Lec. Hasan Mobsher Ibrahim				
Email: hasanmobsher@uomsul.edu.iq				
Name: Assis. Lec. Omar Najeeb Ahmed				
Email: Omarnajeeb@uomosul.edu.iq				
8. Course Structure				
Week	Hours	Unit or subject name	Learning method	Evaluation method
1	3	Integration	Theoretical lectures.	Paper-based exams
2	3	Introduction to statistics	Theoretical lectures.	Paper-based exams
3	3	Differentiation	Theoretical lectures.	Paper-based exams
4	3	Descriptive statistics	Theoretical lectures.	Paper-based exams
5	3	Derivatives	Theoretical lectures.	Paper-based exams
6	3	The mean, the median, and the mode	Theoretical lectures.	Paper-based exams
7	3	Graphs	Theoretical lectures.	Paper-based exams
8	3	Measures of dispersion	Theoretical lectures.	Paper-based exams
9	3	General test		Paper-based exams
10	3	Triangles	Theoretical lectures.	Paper-based exams
11	3	Standard deviation	Theoretical lectures.	Paper-based exams
12	3	Logarithms	Theoretical lectures.	Paper-based exams
13	3	Possibilities	Theoretical lectures.	Paper-based exams

14	3	Objectives	Theoretical lectures.	Paper-based exams
15	3	General test		
9. Course Evaluation				
<ul style="list-style-type: none"> • 30 M Theoretical assessment; (paper-based mid-term exam + quiz + attendance) • 70 M paper-based theoretical final exam <p style="text-align: center;">Total 100 M</p>				
10. Learning and Teaching Resources				
Required textbooks		1. Thomas GB, Finny RI. Calculus & Analytical Geometry. 9th edition, 2009. 2. Daniel WW. Biostatistics: A Foundation for Analysis in the Health Science, 10th edition, 2013, wiley.		