



جامعة الموصل
كلية العلوم
قسم علوم الحياة



Units Of Subjects 2021-2022

Stage one			
Second Semester		First Semester	
Subjects	Units	Subjects	Units
3.5	General Botany	3.5	General Zoology
3.5	Organic chemistry	3.5	Analytic chemistry
3	Physics	3	Geology
2	Biostatistics	2	Mathematics
3	Internet	3	Computer 1
1	English	1	Arabic
1	Democracy	2	Safety and security
		1	Human rights



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Stage 2			
Second Semester		First Semester	
Subjects	Units	Subjects	Units
3	Biochemistry 2	3	Biochemistry 1
3	Microbiology 2	3	Microbiology 1
3	Plant taxonomy	3	Plant anatomy
3.5	Parasitology	3.5	Invertebrates
3	Entomology 2	3	Entomology 1
		3	Plant groups



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Stage 3 microbiology

Second Semester		First Semester	
Subjects	Units	Subjects	Units
3	Water Microbiology	3	Soil Microbiology
3	Bacterial Physiology	3	Laboratory Analysis
3	Animal Physiology	3	Histology
3	Pollution	3	Ecology
3	Genetics	3	Cell Biology

Stage 3 biology

Second Semester		First Semester	
Subjects	Units	Subjects	Units
3	Plant Pathology	3	Mycology
3	Histology	3	Laboratory Analysis
3	Endocrinology	3	Biotechnology
3	Pollution	3	Ecology
3	Genetics	3	Cell Biology



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Stage 4 microbiology

Second Semester		First Semester	
Subjects	Units	Subjects	Units
3	Microbial Genetics	3	Pathogenic Bacteria
3	Industrial Microbiology	3	Food Microbiology
3	Virology	3	Mycology
3	Fungal Taxonomy	3	Enzymology
3	Immunology	3	Molecular Biology
2	Graduation Project	3	Antibiotics

Stage 4 biology

Second Semester		First Semester	
Subjects	Units	Subjects	Units
3	Animal Physiology 2	3	Animal Physiology 1
3	Plant Physiology 2	3	Plant Physiology 1
3	Comparative Anatomy	3	Allelopathy
3	Biodiversity	3	Embryology
3	Molecular Biology	3	Quantitative Genetics
2	Graduation Project	3	Immunology



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