



Al-Karkh University for Science

College of Science

**Microbiology and Medical
Physics Department**



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Ph.D Antibiotic/Molecular Biology

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَقَالَ
رَبِّ زِدْنِي عِلْمًا

صَدَقَ اللَّهُ الْعَظِيمَ

Syllabus Content

Lecture No.	Subject
1	The Science of Biology
2	The characteristics of living organisms
3	The Kingdom of living organisms
4	Chemistry of life
5	Cell structure and Function (Animal cell)
6	Cell structure and Function (Plant cell)
	Mid Exam
7	Cell life cycle (Mitosis)
8	Meiosis
9	Classification of Animal Kingdom
10	Classification of Plant Kingdom
11	Mycology
12	Kingdom of Monera
13	Viruses
	Final Exam