



Department of Biological and Geological Sciences



PROGRAM

BACHELOR'S DEGREE IN SCIENCE
AND EDUCATION
SPECIALIZATION BIOLOGICAL
SCIENCES
(PREPARATORY AND SECONDARY)
SPECIAL



Head of Department

Prof. Dr. Hanan Helmy

Admission Requirements:

Obtaining a General Secondary Education Certificate or its equivalent in the Science Track (Biology) with a qualifying score for admission to the program, subject to the college's internal placement and coordination system.

Program Coordinator:

Dr. Amira Mohamed Mahmoud

Preparation Team

Prof. Dr. Mohamed Abdelaal Prof. Dr. Walid Fathy

Assi. Prof. Dr. Moamed Ismaiel Dr. Abeer Moustafa

Keep in touch

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WELCOME TO THE
BIOLOGY DEPARTMENT



Graduation party



Mission

Preparing a teacher of Biology qualified academically, professionally, culturally and socially to be able to cope with cognitive, technological, and social development to meet the requirements of the educational job market in a competitive way by providing an educational supportive, stimulating, and integrated environment.

Goals



BIOLOGY

1. Preparing a graduate capable of applying competencies of teaching and learning, assessment, management, and different advising strategies using correct Arabic and English language, as well as information and communication technology considering the individual differences among learners and achieving sustainable professional development within the framework of the unity of knowledge and 21st century competencies.
2. Preparing a graduate committed to social values and professional ethics and the national cultural identity components aware of his role in enhancing values and developing society and solving its problems, taking part in social service activities, and developing academic and professional skills. Besides, employing his skills and tools of academic research linking it to modern programs such as artificial intelligence (AI) and three-dimensional biomolecules

3. Preparing a graduate capable of creating job opportunities in new professional contexts related essentially to Biology.

4. Following up graduates in the job market, providing them with various counselling, and getting benefits from them in developing the program.

5. Holding different interdisciplinary activities to relate Biology to other branches of science in order to achieve knowledge integration.

6. Qualifying the graduate to keep on postgraduate study both academic and professional.

7. Preparing a graduate capable of understanding the role of Biology in developing society and building civilization, aware of the integrated relationship among different branches of science and technology and employing activities both scientific and applied to produce knowledge.



Teaching system

Preparatory and secondary school teacher preparation: 128-132 credit hours. The study plan is distributed over eight

semesters, in four levels, with a focus on continuous field training in the fourth level over two semesters, so that after completing this program, the student becomes eligible to apply for a license to practice the teaching profession.

