



جامعة المنصورة  
كلية العلوم  
إدارة البرامج النوعية الجديدة  
برنامج التكنولوجيا الحيوية وتطبيقاتها

## The Attributes of Biotechnology and Applications Graduates

In addition to the attributes of Basic Sciences graduates, the Biotechnology and Applications graduates should be able to:

1. Recognize the role of Biotechnology in the development of society.
2. Develop Biotechnology approaches that meet community needs considering economic, environmental, social, ethical, and safety requirements.
3. Utilize scientific facts and theories to analyze and interpret practical Biotechnology data.
4. Collect, analyze, and present Biotechnology data using appropriate formats and techniques.
5. Postulate concepts and choose appropriate solutions to solve Biotechnology problems on scientific basis.
6. Apply effectively information technology relevant to Biotechnology.
7. Participate effectively in a multidisciplinary teamwork and be flexible for adaptation, decision making and working under contradictory conditions as well as exhibiting the sense of beauty and neatness.
8. Be aware with the ethics of the practical practices of biotechnology through recognizing the basics of the multiple disciplines on which these systems depend, such as bioinformatics and information systems, genetic engineering, immunity, microbiology, biochemistry and fermentation industries.
9. Adopt self and long life-learning and participate effectively in research activities.
10. Deal with scientific data in Arabic, English or other languages.

عميد الكلية  
ورئيس اللجنة الفرعية لإدارة البرنامج

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