



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

The goals of Biotechnology and Applications Program

- 1- Identify the role of basic sciences in the development of the society.
- 2- Contribute to raising the professional competence of the graduates of the program and the formation of trained cadres of distinguished scientists and qualified researchers in the field of biotechnology and its applications.
- 3- Produce scientific approaches that meet community needs considering economic, environmental, social, ethical and safety requirements.
- 4- Work effectively within a team, respecting time and working as a way of life and develop the sense of beauty and neatness.
- 5- Design and conduct experiments and apply statistical skills to analyze and interpret data in order to provide sustainable professional solutions to the scientific and societal problems presented.
- 6- Utilize effectively information technology relevant to the biotechnology.
- 7- Engage in lifelong self-learning.
- 8- Be familiar with the molecular basis and chemistry of the process that takes place in plant and animal cells.
- 9- Characterize bio molecules and assess the activity of biochemical processes.
- 10- Detect the hypothesis of biotechnology is applied in genetic engineering, human health, pharmaceuticals, plant and animal agriculture, conservation, food production, renewable fuel development and waste management.

عميد الكلية
ورئيس اللجنة الفرعية لإدارة البرنامج

أ.د/ أسامة إبراهيم العيان

مدير البرنامج

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