

Outputs of the Department of Biotechnology

The student graduates of this department will be granted a bachelor's degree in biotechnology sciences and will be qualified to work in various state institutions such as the Ministry of Health and Environment in the field of pathological analyzes and in the field of pharmaceutical industry, vaccine production, waste treatment and drinking water, as well as the Ministry of Industry and its research centers such as the pharmaceutical industry and the production of raw materials that enter the laboratories and factories of this ministry, as well as the graduate is qualified to work in the Ministry of Agriculture and its research centers such as The General Authority for Palm and Forestry Cultivation, as well as the graduate is qualified to work with the Ministry of Interior in forensic laboratories, as well as the Ministry of Higher Education and its research centers, the Ministry of Science and Technology, and private sector companies such as pharmaceutical and vaccine manufacturing companies, marketing companies for medical, industrial and agricultural materials and devices.

Vision :

The College of Science at the University of Anbar continuously seeks to develop its various academic programs with the aim of raising the level of research education and preparing researchers with different knowledge skills and an excellent scientific background to meet the practical challenges and future requirements of the scientific and academic reality by achieving international standards to ensure academic accreditation and in line with the general vision of the University of Anbar

Since its establishment, the Department of Biotechnology has relied on updated programs and modern curricula to achieve the quality of university education and achieve the vision of the college and the university to reach international standards for the quality of university education in order to achieve academic reliability

Mission :

Directing the department's staff to possess quality standards in continuous improvement in higher education and research in order to improve the performance of staff and students alike and to raise the reality of teaching biotechnology concepts scientifically and practically to reach a level of confidence in graduates in terms of knowledge and experience that qualifies them to innovate in their field through programmatic academic accreditation of ABET standards

Objectives :

- ✚ Upgrading the academic education of biotechnology and developing the outcomes of the learning programs of the College of Science within the framework of (ABET) standards.
- ✚ Spreading the culture of quality and enhancing its acceptance in all departments of the College of Science and at all levels and for all concerned leaders, teachers, employees and students.
- ✚ Developing and improving the internal academic and administrative systems and curricula to evaluate the results of scientific programs and preparing appropriate forms and work fundamentals for this purpose to ensure the achievement of academic requirements and standards (ABET).
- ✚ Activating coordination between the departments of the college according to a unified vision to achieve communication at the level of joint scientific research, curriculum integration, and the development and improvement of teaching methods.
- ✚ Activating coordination between the departments of the college and the labor sector for the purpose of identifying the knowledge and skills required to be developed in line with the challenges and requirements of the local labor market and to ensure the improvement of the quality of education.
- ✚ Applying and developing theoretical and practical courses and curricula set by the Ministry of Higher Education and Scientific Research.
- ✚ Providing state ministries with qualified scientific cadres in various scientific disciplines such as medical, health, industrial and agricultural technologies, as well as private sector companies and providing scientific and advisory services.
- ✚ Developing research laboratories in terms of providing it with modern laboratory equipment and materials.
- ✚ Holding courses, seminars and scientific workshops in the field of using modern biotechnologies.
- ✚ Development of products of industrial and medical importance as well as at the level of diagnosis and quality control using biotechnologies.