University of Mosul / College of Engineering / Computer Engineering Department

Program Educational Objectives (PEOs)

The Bachelor of Science in Computer Engineering program aims to prepare graduates who will be able to achieve the following within a few years after graduation:

1- Professional Competence

Graduates will be capable of working efficiently and skillfully in various fields of computer engineering, including the design, development, operation, and maintenance of computer systems, utilizing modern technologies and recognized engineering standards.

2- Lifelong Learning

Graduates will continue to develop their knowledge and skills through participation in continuing education programs, postgraduate studies, professional courses, or research activities, enhancing their ability to keep pace with advancements in their field.

3- Innovation and Scientific Research

Graduates will be capable of conducting scientific research and proposing innovative solutions to engineering problems using scientific methodologies and modern technologies.

4- Leadership and Teamwork

Graduates will demonstrate the ability to work effectively as individuals and as leaders within multidisciplinary teams, utilizing communication and collaboration skills to solve complex problems and achieve shared goals.

5- Ethics and Social Responsibility

Graduates will conduct themselves with high professionalism and adhere to ethical and legal standards in their engineering practices, showing awareness of their role in serving the community and contributing to sustainable development.

6- Global and Cultural Engagement

Graduates will possess the ability to engage effectively in multicultural professional environments and will demonstrate an understanding of global challenges and their impact on engineering practice.

7- Community Service and Contribution to Development

Graduates will be encouraged to apply their knowledge and skills to contribute to sustainable development and to serve the local and regional community.