

- 1- Provide the students with the basic knowledge intended for the job of designing practical applications in the field of Petrochemical Engineering and industrial chemistry.
- 2- Contribute to raise professional competences and form a new generation of specialized engineers and researchers qualified to compete in the labor market locally and internationally in the field of petrochemicals and their applications.
- 3- develop knowledge and skills in the program to adapt the rapid changes in the various petrochemical industries, introduce them to their environmental impacts, and provide them with the necessary skills and means to evaluate it according to scientific basics.
- 4- Enhance communication between the program administration, the college, industrial partners, and research centers concerned with the program's specialization to achieve harmony between the level of the graduate and the changes in labor market requirements.
- 5- Participate in achieving the sustainable development plan and putting science at its service to develop society scientifically and culturally and provide means of environmental services for companies in oil, natural gas, polymers, and the petrochemical industry.
- 6- strengthen the practice of scientific and student activities, student support services, and entrepreneurship, in a way that supports their national loyalty, and raise their capabilities in the labor market.