

**Igniting Minds;
Expanding horizons**

BEng. Chemical Engineering

Designed in line with ABET requirements

BEng. Chemical Engineering has one concentration:

- Petrochemical Engineering



الجامعة الوطنية
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About this program

BEng Chemical Engineering program is a four-year degree program which is envisioned to impart knowledge in focused areas of chemical engineering either to pursue a career in industry or continue to graduate studies. Students can study the core Chemical Engineering program or select a program concentration in Petrochemical Engineering to satisfy the requirements for the BEng degree in Chemical Engineering.

Petrochemical Engineering

This concentration is designed to offer a wide range of attractive and challenging careers in the global energy sector and also supports to qualify for positions in technical or managerial areas. This concentration will equip graduates to work in this modern world of tough competition to choose professions in the fields of design and development, production and exploration of oil & gas industry, safety and process troubleshooting.

Career Opportunities

The Chemical Engineering graduates have employment opportunities in a wide range of fields and occupations such as practicing engineers, entrepreneurs, teachers and researchers, to name a few. To be more precise, they find opportunities in the Chemical & Process industries relating

to their specialization and employed as design engineers, process engineers, materials engineers, quality and maintenance engineers and environmental engineers etc. Chemical Engineering program with petrochemical concentration will equip chemical engineers to work with multidisciplinary team to get global experience as well as leadership skills. Chemical engineering graduates can look forward to explore careers in Refineries, Petrochemical Industries, Process Industries, Design organizations, and Research Institutions.

Extracurricular Opportunities:

Social, recreational and extracurricular services and facilities are fully supported by the college as part of the strategic plan to build graduate competence in terms of rounded individuals who espouse the values of leadership and entrepreneurialism. The students have a plethora of opportunities to engage with established student chapters of professional bodies which aim to expose the students to international professionals to have the benefits of updating with recent technological news and to interact with engineers and professionals across the world.

Established student chapters of MIE Department

Open opportunities to be a member of reputed international professional bodies such as:

- American Institute of Chemical Engineers
- Society of Petroleum Engineers (SPE)
- American Society of Mechanical Engineers (ASME)
- Institution of Mechanical Engineers



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