

## College of Engineering and Architecture

### Department of Chemical and Petrochemical Engineering

# Master of Science in Chemical Engineering

## About the Department:

The Department of Chemical and Petrochemical Engineering (DCPE), University of Nizwa offers M.Sc. in Chemical Engineering. The program has been designed to provide a greater depth of knowledge in aspects of advanced chemical engineering and a range of up-to-date process technologies. These will enable candidates to design, operate and manage processes and associated manufacturing plants and to provide leadership in innovation, research and technology transfer. This graduate program is designed to meet the professional competence and requirements of Oman, GCC countries, and the entire world.

## M.Sc. In Chemical Engineering curriculum:

Program Core Courses	12 Credits
Program Elective Courses	12 Credits
Master Thesis	6 Credits

The M.Sc. In Chemical Engineering requires 30 credits. The time limits for this graduate degree are four semesters (Full-Time) or six semesters (Part-Time). Additional suitable bridging courses may be required from applicants who come from equivalent undergraduate engineering majors.

## M.Sc. In Chemical Engineering Admission Requirements:

1. A bachelor degree in chemical engineering or closely related fields such as chemical process engineering, biochemical engineering, biotechnology..
2. An undergraduate GPA of at least 2.5 on a 4.0 scale is required..
3. English proficiency as evidenced by a minimum TOEFL score of 530 or IELTS band score of 6.
4. Candidates from other disciplines in Engineering or Science may be required to attend additional bridging courses before starting the program.
5. Pass the interview held by the department.

## Career Opportunities:

Students graduating from this program are qualified to work in many companies of oil and power, chemical industries, research and development, consultancy, academic institutions etc. Graduates also have the opportunity to complete their PhD and have a strong foundation for a comprehensive, challenging and exciting career with a wide range of job opportunities in Oman and across the world.

## M.Sc. In Chemical Engineering – Competitive Advantage:

The M.Sc. in Chemical Engineering will enable you:

- To apply advanced knowledge in forefront of scientific and technological developments.
- To develop a wide skill set such as: project management, resource management, teamwork, leadership, oral and written communication and problem-solving ability.
- To lead teams and collaborate with stakeholders to address and resolve complex Chemical Engineering issues.
- To evaluate critically recent research, assess its validity, and integrate research in Chemical Engineering problems.

For Further Information, Please Contact Us:

Dr. Sri Hari Kumar Annamareddy, HoD, Architectural Engineering

Email: annamareddy@unizwa.edu.om

Tel: 25446725

CEA Dean' Office

Email: CEA@unizwa.edu.om

Tel: 25446460