

College of Engineering and Architecture

Department of Civil and Environmental Engineering

Master of Science in Structural Engineering

About the Department:

The Department of Civil and Environmental Engineering (DCEE), University of Nizwa offers M.Sc. in Structural Engineering. This program designed to meet the needs of aspiring civil engineering graduates, working professionals in the Sultanate of Oman, and other national and international students. This graduate program will provide University of Nizwa graduates a path for obtaining advanced education in structural engineering. The uniqueness of this program is reflected by the elective courses, which were selected based on Oman's specific needs such as Structural Masonry, which were selected based on Oman's specific needs such as structural masonry, which is very important in Oman due to existing of historical buildings and this will provide the students required knowledge for the analysis and repair and rehabilitation of historical structures.

M.Sc. In Structural Engineering curriculum:

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

The M.Sc. In structural 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 Structural Engineering Admission Requirements:

1. A bachelor degree in Civil engineering mainly. The bachelor degree in closely related fields such as Quantity Surveying and Construction Management, Construction Engineering, Construction Technology may be asked to attend additional suitable bridging courses before the start of the program.
2. University has right to accept candidates from other disciplines in engineering or science under the condition of attending additional suitable bridging courses before starting the program.
3. An undergraduate CGPA of at least 2.5 on a 4.0 scale is required.
4. English proficiency as evidenced by a minimum TOEFL score of 530 or an IELTS band score of 6.
5. Pass the interview held by the department.

Career Opportunities:

The advanced specialized studies in structural engineering would provide students with significant employability prospects. The graduate degree and university commitment to research and innovation will represent a strong, positive signal to current and future undergraduate and graduate students. Student morale will increase significantly. In addition, a graduate program would improve faculty productivity and the probability of winning competitive research grants.

M.Sc. In Structural Engineering – Competitive Advantage:

The M.Sc. program in Structural Engineering prioritizes both analytical and experimental investigations into how structures respond to various service and environmental loads. Special focus is placed on accurately predicting the responses of these structures and their materials. The curriculum delves into understanding the characteristics of static and dynamic loads, leading to insightful implications for effective design strategies.

For Further Information, Please Contact Us:

Dr. Sreedhar Reddy, HoD, Civil and Environmental Engineering

Email: sreedhareddy@unizwa.edu.om

Tel: 2544565

CEA Dean' Office

Email: CEA@unizwa.edu.om

Tel: 25446460