College of Arts and Sciences

Department of Mathematical and Physical Sciences (DMPS)

Master of Science in Computer Science

About the Department:

The Computer Science Section of the Department of Mathematical and Physical Sciences (DMPS) offers M.Sc. in Computer Science. This graduate program aims to equip students with cutting-edge knowledge in Computer Science and related fields, enhancing quantitative skills and critical thinking. The program is designed to ensure adherence to professional ethics, promote lifelong learning, and provide hands-on research experience for effective communication and leadership readiness. Graduates emerge prepared for careers in Computer Science or further academic pursuits.

M.Sc. in Computer Science curriculum:

Program Core Courses	9 Credits
Program Elective Courses	15 Credits
Master Thesis	6 Credits

The M.Sc. in Computer Science requires 30 credits with program electives divided into one of the four pathways: 1) Data Science, 2) Networks, 3) Multimedia Processing and 4) Software Engineering. The program ideally spans FOUR full semesters (Full-Time) but can reach SIX semesters (Part-Time). To mitigate any undergraduate deficiency, suitable bridging courses may be required from applicants, especially those coming from equivalent undergraduate majors.

M.Sc. in Computer Science Admission Requirements:

The aspiring candidate must:

1. Have a BSc in Computer Science, or a related field, from a university recognized in Oman, with a minimum GPA of 2.5.
2. Have a TOEFL Score of 530 or IELTS with 6.0 bands.
3. Satisfy all admission requirements outlined in the general guidelines for Masters Degrees of the University of Nizwa.
4. Pass an admission interview.

Career Opportunities:

The M.Sc. in Computer Science as a unique program will give more scope and advantages for graduates to pursue different cadres of jobs and employment opportunities in the four main areas of Computer Science. The graduates will serve society in a wide variety of rich and rewarding fields – especially 1) Data Science, 2) Networks, 3) Multimedia Processing and 4) Software Engineering - and be leaders in a good number of satisfying career opportunities in Oman and GCC countries.

M.Sc. in Computer Science – Competitive Advantage:

The M.Sc. in Computer Science will enable you to acquire:

- Comprehensive Knowledge: Equipped with state-of-the-art knowledge and quantitative skills in Computer Science and related fields, enabling them to analyze complex problems effectively.
- Critical Thinking: Enhanced critical thinking abilities prepare graduates to tackle unseen challenges and contribute innovative solutions.
- Practical Experience and Research Culture: Through a year-long research project and exposure to research groups, graduates gain practical experience, effective communication skills, and leadership readiness, distinguishing them in professional settings.

For Further Information, Please Contact Us:

Dr. Khalil Al Ruqeishi, HoS-CS, DMPS

Email: khalil_bader@unizwa.edu.om   Tel: 25446496

CAS Dean's Office

Email: Tel: 25446375