College of Arts and Sciences

Department of Mathematical and Physical Sciences (DMPS)

Master of Science in Applied Mathematics

About the Department:

The Mathematics Section of the Department of Mathematical and Physical Sciences (DMPS) offers M.Sc. in Applied Mathematics. This graduate program aims to equip students with cutting-edge knowledge in applied Mathematics, 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 Mathematics or further academic pursuits.

M.Sc. in Applied Mathematics Curriculum:

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

The M.Sc. in Applied Mathematics requires 30 credits. The Master Degree Program in Applied Mathematics is designed for Mathematicians and others who may possess comparable proficiency in Mathematics. The M.Sc. degree will be awarded in Applied Mathematics.

M.Sc. in Applied Mathematics Admission Requirements:

The aspiring candidate must:
1. Have a BSc in Mathematics, or a related field, from a university recognized in Oman, with a minimum GPA of 2.5.
2. Have a TOEFL Score of 550 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 Master of Applied Mathematics is designed to provide a comprehensive view of some of the major fields of interest in Mathematics and to develop the students' ability in conducting independent research in his/her chosen area of specialization. Graduates will be prepared for scientific careers in academic and/or research institutions, and in industry with strong capability in research and development.

M.Sc. in Applied Mathematics – Competitive Advantage:

The M.Sc. in Applied Mathematics will enable you to acquire:
• Apply their knowledge to modern applications of mathematics.
• Secure acceptance for higher studies in applied mathematics
• Communicate their knowledge in an effective way orally, in writing and electronically and work effectively in teams.
• Demonstrate ethical and professional behavior at their work places and beyond.

For Further Information, Please Contact Us:

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