

## Doctor of Philosophy (PhD) in Chemistry

### About the Department:

The University of Nizwa (UoN) has established a strong reputation for its teaching and research, leading to a high academic ranking. With robust research infrastructure and well-equipped laboratories, the university has introduced a Ph.D. program in Chemistry to address socio-economic needs. This initiative aims to build capacity, provide research and development training, and attract projects from both public and private sectors. The Chemistry department boasts experienced faculty who have garnered recognition for their teaching and research contributions, spanning various areas in chemical sciences. Faculty members are actively involved in securing funding and engaging in international collaborations, contributing to the university's professional standing. The successful track record of hosting international Ph.D. exchange students reflects the strength of UoN's research environment. With the introduction of the Ph.D. program, the university anticipates fostering independent scientific research in chemical sciences among Omani and international students.

#### Program Core Courses

18 Credits

For the Ph.D. Program in Chemistry, applicants must commit to a minimum duration of three years, spanning 6 semesters. An extension of up to two years may be granted, subject to the discretion of relevant committees, including the supervising committee, graduate studies committee, and/or Deanship of Graduate Studies.

#### Program Elective Courses

6 Credits

The program entails completion of 90 credit hours, divided into coursework (24 credits) and research/dissertation work (66 credits).

#### PhD Thesis

66 Credits

### Doctor of Philosophy (PhD) in Chemistry Admission Requirements:

1. A Master's degree or its equivalent in Chemistry or a relevant specialty field from a recognized academic institution is required.
2. Relevant specialties may be considered with additional bridging courses.
3. Exceptional bachelor's degree holders who successfully complete the master's degree coursework at UoN may be eligible for enrollment in the Ph.D. program.
4. Applicants must achieve a valid score on English proficiency tests such as TOEFL (minimum 530 for PBT or 71 for iBT), PTE (minimum 50), IELTS (minimum 6.0), or equivalent, obtained within the last two years prior to enrollment.
5. Three letters of recommendation, with at least two from academic sources, demonstrating the applicant's competence, interest, and research capability, are required.
6. An applicant statement of purpose in English, outlining motivation for the Ph.D. program and potential research interests, is necessary.
7. Passing an admission interview conducted by the Program Admission Interview Committee (PAIC), administered by the Deanship of Graduate Studies, is mandatory.

### Career Opportunities:

- The Doctoral degree in Chemistry fosters comprehensive education and research skills, preparing graduates for successful careers.
- Graduates are poised for scientific roles in academia, research institutions, and industries, focusing on areas impactful to Oman.
- The program provides advanced, internationally aligned research training, enabling graduates to lead in teaching, research, and scientific advancement nationally and internationally.

### Contact Information:

Department of Biological Sciences & Chemistry, College of Arts and Sciences,  
University of Nizwa, Sultanate of Oman, P.O Box 33, Postal Code 616,  
Birkat Al Mauz, Nizwa,  
Email: sibanimm@unizwa.edu.om