

Chemistry

Cycle	40°
Director	Prof. Alessandro Massi (alessandro.massi@unife.it) Department of Chemical, Pharmaceutical and Agricultural Sciences
Duration	3 years
International Character:	Joint PhD Programme in "Chemistry" with the University of Wroclaw - Department of Chemistry (Poland)
Curriculum	1. Chemistry 2. Pharmaceutical Science and Food Chemistry
Research Topics	https://www.unife.it/studenti/dottorato/it/corsi/riforma/chemistry
Qualification required for admission	Italian degree known as "Laurea specialistica/magistrale" or a degree awarded prior to approval of Ministerial Decree D.M. n. 509 of 3 November 1999, updated with D.M. n. 270 of 22 October 2004, n. 270; Master's (second level) degree, or an equivalent foreign academic qualification awarded abroad

Assessment Criteria

Evaluation of qualification: maximum score **40** points.
Minimum score required to be admitted to the interview **25/40**
Interview: maximum score **40** points
Minimum final score required: 60/80

During the interview, applicant's knowledge of the following language will be tested: English

List of assessable credentials

Curriculum vitae et studiorum	<i>Curriculum vitae in European format, including the list of publications (if any) with their respective links; Complete academic career information; self-certified list of examinations and grades and final mark for Bachelor and (for candidates who already have their Master's Degree) Master's degrees.</i>	<i>Up to 10 points</i>
Research Project	<i>Maximum of 6000 characters (including bibliography) in English or Italian, regarding one of the proposed research theme. Structure must be as follows: introduction to the scientific international context, relevance of the issue, methods which will be used in approaching the issue, expected results, bibliography.</i>	<i>Up to 30 points</i>

Interview agenda/program

The oral test involves the discussion of the submitted project and the verification of the candidate's skills, as well as the verification of language proficiency, and is aimed at verifying the candidate's aptitude for scientific research and his or her general preparation on topics related to the research themes of the doctoral course.

Examination Timetable

The evaluation of qualifications and the oral test will take place by **July 26th, 2024**.
The outcome of the evaluation of qualifications for the purpose of admission to the interview, the date from which consultation will be possible, and the day and time of the oral test will be announced by the deadline of this call on page: <https://www.unife.it/studenti/dottorato/it/concorsi/bandi-40/bando-40-pnrr/date-e-luoghi-per-il-colloquio-dates-and-locations-for-the-interview>

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CUP:

N°	Partner company	Research topic
1	HelixPharma srl	<i>Supramolecular approaches for the production, purification, conjugation and bio-characterisation of terpenes and other secondary metabolites from the freshwater algae <i>haematococcus pluvialis</i></i>
2	Fresenius Kabi iPSUM srl	<i>Development of green chromatographic methods for the separation and purification of therapeutic peptides</i>
3	Roelmi HPC srl	<i>Biotechnological synthesis of hyaluronic acid from agri-food biomass</i>