

Chemistry

Cycle	XXXVIII
Director	Prof. Alberto Cavazzini – Department of Chemical, Pharmaceutical and Agricultural Sciences – alberto.cavazzini@unife.it
Duration	3 years
Partner Institutions	University of Wroclaw- Department of Chemistry (Poland)
Curriculum	1. Chemistry 2. Pharmaceutical Science and Food Chemistry
Research Topics	http://www.unife.it/studenti/dottorato/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.

Available Positions (total)	8
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Assessment Criteria

Evaluation of qualification: maximum score 60 points. Minimum score required to be admitted to the interview 40/60 - Interview: maximum score 20 points - Minimum final score required: 60/80	
During the interview, applicant’s knowledge of the following languages will be tested:	English

List of documents for the evaluation

Curriculum vitae et studiorum	i) Curriculum Vitae et Studiorum; ii) Full academic record (bachelor and master’s degree) with certification or self-certification of taken courses and relative scores, plus final degree mark for graduate students. iii) Abstract of master’s degree thesis (max. 2 pages) containing motivations, research methods, expected/obtained results, essential bibliography. For candidates graduating within 31/10/2022, the abstract must be signed by the thesis supervisor. N.B: all documents must be provided in Italian or in English.	Up to 40 points
Research Project	The project (max 3 pages) - in English or in Italian - describes an original proposal for a research topic. Basically, it should include state of the art, relevance of the topic, expected results. The research project will not be binding for activities developed during the PhD program	Up to 10 points
Statement of research interest	Short text (max 1 page) in English giving personal motivations to attend the PhD program and candidate research interests.	Up to 8 points
Other qualifications	Scientific publications; participation to meetings. Academic, professional qualifications; language certificates. Training periods	Up to 2 points

Interview

The interview, in Italian or in English, will revolve around research project, master’s degree thesis and CV information.

Examination Timetable

Evaluation of qualifications and interview will take place within the 16th of September 2020.
 Evaluation of qualifications will be published at the following webpage:
<http://www.unife.it/studenti/dottorato/concorsi/selection>
 Information regarding when evaluation of qualifications will be published and the schedule of interviews will be given in due time at <http://www.unife.it/studenti/dottorato/concorsi/commissioni>

Available Regular Positions

N°	Funding	Subject
4	Università degli Studi di Ferrara	
1	Position without fellowship	
2	Positions reserved to candidates belonging to specific categories	Reserved positions for candidates holding a foreign government scholarship or a scholarship funded by international mobility programmes

Available positions financed by D.M. 351/2022 and 352/2022

N°	Funding	Subject
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1	Co-funded by Università di Ferrara – Fondi D.M. 352/2022 - M4C2 I. 3.3 and ENI- Versalis	Development of sustainable biocatalytic processes for the production of monoacylglycerols with biocide activity
1	Co-funded by Università di Ferrara – Fondi D.M. 352/2022 - M4C2 I. 3.3 and ITALTOM	Fate of mycotoxins from <i>Alternaria</i> in processed tomatoes supply chain: monitoring and strategies for risk mitigation and improvement of food safety.
1	Co-funded by Università di Ferrara – Fondi D.M. 352/2022 - M4C2 I. 3.3 and ITEL	Computational approaches for the rational design of radio-labelled pseudo-peptide chelators for theranostic applications