

Engineering Sciences	
Cycle	40°
Director	Prof. Stefano Trillo (stefano.trillo@unife.it) Engineering Department
Duration	3 years
Curriculum	1. Civil Engineering 2. Industrial Engineering 3. Information Engineering
Research Topics	https://www.unife.it/studenti/dottorato/it/corsi/riforma/engineering
Qualification required for admission	LM-4, LM 4 CU; LM-17, LM-18, LM-19, LM-20, LM-21, LM-22, LM-23, LM-24, LM-25, LM-26, LM-27, LM-28, LM-29, LM-30, LM-31, LM-32, LM-33, LM-34, LM-35, LM-40, LM-43, LM-44, LM-48, LM-53, LM-54, LM-66, LM-69, LM-71, 20/S, 23/S, 25/S, 26/S, 27/S, 28/S, 29/S, 30/S, 31/S, 32/S, 33/S, 34/S, 35/S, 36/S, 37/S, 38/S, 45/S, 50/S, 54/S, 61/S, 62/S, 81/S, 82/S, equivalent Italian degree Laurea V.O. in Engineering, Physics and Information Technology 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, the applicant's knowledge of the following languages 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>	Up to 10 points
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>	Up to 30 points
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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Innovative PhDs for Enterprises - M4C2 I. 3.3

CUP:

N°	<i>Partner company</i>	<i>Research topic</i>
1	MechVib Engineering srl	<i>Development of "zero-defect manufacturing" methods to minimize production waste and control the quality of products and processes</i>
2	Fomas S.p.A.	<i>Development of predictive numerical models of process and metallurgical characterisation in the field of hot ring-rolling</i>
3	Sterilsys srl	<i>Development and Optimization of an eco-sustainable composite material for obtaining structural mechanical parts</i>