

INDUSTRIAL ENGINEERING		
Cycle	XXXII	
Duration	3 years	
Coordinator	Prof. Marco SPIGA – Department of Industrial Engineering E-mail: marco.spiga@unipr.it	
Training objectives	The Industrial Engineering PhD program aims to give participants a deep knowledge in the main topics relevant to industrial engineering. The PhD course presents numerical, analytical and experimental techniques, in order to face any technical or scientific problem of the industrial engineering, with managerial skills, to provide autonomy in work and readiness of inclusion in a collaborative environment with other researchers and technicians. The internationalization phase envisaged in the three-year curriculum allows to forge links with other foreign reality by providing the PhD an additional tool to get into a scientific context not just limited to national borders.	
Academic degree required	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent.	
POSITIONS PUT OUT TO COMPETITION		
With Scholarship	7	
Without Scholarship	2	
Reserved to employees of companies having a “Industrial Engineering Doctorate” arrangement	2	
TOTAL	11	
KIND OF SCHOLARSHIP		
N°	<i>Funding entity</i>	<i>Research Topic, if any</i>
2	Scholarship Ministerial funds	--
1	Scholarship University funds	--
1	Funded by EMILIA ROMAGNA REGION in the Project “Automotive Academy: a project ‘learning by doing’ for the engineering innovation of the vehicle”	<ul style="list-style-type: none"> • Development and characterization of components for the automotive, produced by additive manufacturing
1	Funded by EMILIA ROMAGNA REGION in the Project “Energy efficiency in buildings and in industry”	<ul style="list-style-type: none"> • Monitoring of physical parameters for the energy efficiency of the building-plant system
1	Funded by SUPSI - University of Applied Sciences and Arts of Southern Switzerland	<ul style="list-style-type: none"> • Systems and Technologies for Sustainable Production
1	Co-funded by Fondazione Cariparma	--
Positions covered by High Internship and Research Agreements		
N°	<i>Company</i>	
1	e-FEM s.r.l.	
1	SUPSI - University of Applied Sciences and Arts of Southern Switzerland	

ADMISSION PROCEDURES		
Assessment of QUALIFICATIONS: up to 50 points ORAL EXAM: up to 70 points Minimum score for ELIGIBILITY: 70/120		
Foreign Language	Language the fluency of which shall be assessed during the Oral Exam: ENGLISH . The evaluation of the knowledge of this language will be oral and will consist in translating and commenting a short scientific text.	
Possibility of videoconference for candidates residing abroad		NO
LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
Graduation mark	Score related to the final mark: - 110 with honours (magna cum laude): 10 points; - 110: 8 points; - From 105 to 109: 6 points; - From 100 to 104: 3 points	Up to 10 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2016)	Score related to the average of the exam marks: - 30/30: 10 points; - From 27/30 to 29/30: 8 points; - From 24/30 to 26/30: 3 points	Up to 10 points
Curriculum Vitae et studiorum and other qualifications	Including academic career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark and accompanied with <u>the Abstract of the graduation Thesis</u> (mandatory qualifications)	Up to 40 points
SCHEDULE OF THE ADMISSION EXAMS		
ORAL EXAM	ORAL EXAM DATE: 21 September 2016 TIME: 10:00am PLACE: Department of Industrial Engineering Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY	
Oral Exam topics	The Oral exam will focus on the themes typical of Industrial Engineering.	
OTHER INFORMATIONS	For foreign candidates, the admission examinations may be held in English or Italian at the candidate's choice.	