

Allegato n. 2

PhD Program in ENERGY SCIENCE AND ENGINEERING	
No. of positions	n. 5 (4 with scholarship + 1 without scholarship)
Reserved positions	graduates in foreign Universities, scholarship holders from foreign countries n. _____
	Employees of companies n ____ (the number is valid as scholarship)
	Research grants n ____ (the number is valid as scholarship)
Scholarships	n. 4
Course duration	Three years
PhD program in cooperation with a foreign University	Yes
	It is compulsory a period of visiting not less than 3 months at a foreign University for PhD students with and without scholarship
The organizations involved	University of Ljubljana- Faculty of Mechanical Engineering Via Askerceva 6, SI 1000, Slovenia.
Academic disciplines related to PhD course	Thermodynamics and Thermal Science, Fluid Machinery, Energy conversion and Management, environmental impact of energy systems, Material science and Electrical systems, Industrial planning.
Education aims	The main objective of the PhD course in Energy Science and Engineering is to prepare researchers with an interdisciplinary view of energy-related issues, coupled with managerial and specific competences for different technological environments. Traditional theoretical studies will be combined with the use of modern computational techniques, numerical modeling of energy problems, and measurements. This will guarantee the use of up-to date research techniques and the development of new solutions and best practices for a variety of industrial and management applications in the energy sector. Students will be required to take the program courses/modules and attend seminars, which will be held by professors and researchers in the scientific committee, as well as external and foreign professionals and scientists, on basic topics as well as specific issues related to the research activities of doctoral candidates.
Coordinator	Prof. Nicola Massarotti

<p>Specific requirements for admission</p>	<p>Possession of one of the following qualifications:</p> <ul style="list-style-type: none"> -“laurea specialistica” or “laurea magistrale” awarded in accordance with the Italian DM 509/1999 and subsequent amendment and additions; “laurea” or “diploma di laurea” awarded in earlier courses whose legal duration is at least four years; - A degree from a foreign University equivalent to the above degrees; <p>In the latter case, if the title has not already officially declared equivalent to the Italian degree (Declaration of Value), the decision on admission will be demanded to the Scientific committee of the PhD program.</p> <p>If admitted, in order to enroll foreign students will have to send the official Declaration of Value by October 31.</p>
<p>Admission procedure</p>	<p>Admission will be structured in two phases:</p> <ul style="list-style-type: none"> - In the first part the examination, the examination board evaluates the applicants curriculum and all documentation attached to their applications, as specified below, in the last row of this table; - the second part of the procedure consists of an interview with the candidate.
<p>Evaluation procedure</p>	<p>The evaluation of the examination board will be based on the following criteria:</p> <ul style="list-style-type: none"> - candidate’s curriculum and publications (maximum 60 points); - other scientific merits (maximum 10 points); - research proposal* submitted by the applicant, for his Ph.D. (maximum 20 points). - reference letters, with specific reference to the PhD program (maximum 10 points); <p>Only applicants who receive a total score of at least 60/100 after the evaluation of the above, will be admitted to the interview.</p> <p>Applicants must submit a certificate of the exams taken for the degree, with the marks obtained.</p>
<p>Oral admission test (Interview)</p>	<p>The interview will be held on Wednesday, September 25, 2019, at the Department of Engineering Centro Direzionale, Isola C4 - 80143 Napoli, Italy starting from 10 am.</p> <p>The interview will be based on the discussion of the candidate’s curriculum, publications and research proposal. During the interview, the knowledge of English will also be assessed.</p> <p>The maximum score for the interview is 40 points. Only candidates scoring a minimum of 24 points will pass the interview.</p> <p>The interview can be held either in Italian or in English.</p>

* Applicants **must** submit a research project proposal of **maximum five pages**. This research proposal does not represent the research that the applicant will develop during his/her Ph.D. Program.