

DOCTOR OF PHILOSOPHY (PHD) PROGRAMME IN "Information Technologies for Engineering"	
Coordinator: Prof Massimiliano Di Penta (dipenta@unisannio.it)	
Interested applicants are encouraged to contact the coordinator for information on the curricula and the disciplinary areas	
FACULTY & ADMINISTRATION	Dipartimento di Ingegneria [Department of Engineering]
DURATION	3 years (36 Months)
CURRICULA	a) Information Technology b) Energy and Environment
Scientific/Academic Disciplinary Fields (SSD)	01/A - MATHS 09/E - ELECTRICAL ENGINEERING, ELECTRONICS AND MEASURES 09/F - TELECOMMUNICATIONS AND ELECTROMAGNETIC FIELDS ENGINEERING 09/G - SYSTEMS ENGINEERING AND BIOENGINEERING 09/H - COMPUTER SCIENCE AND ENGINEERING 08/A - INFRASTRUCTURE AND TERRITORIAL ENGINEERING 08/B - STRUCTURAL AND GEOTECHNICAL ENGINEERING 08/F - PLANNING AND URBAN AND TERRITORIAL DESIGN 09/B - MANUFACTURING, PLANT AND MANAGEMENT ENGINEERING 09/C - ENERGY, THERMO-MECHANICAL AND NUCLEAR ENGINEERING 09/D - CHEMICAL AND MATERIALS ENGINEERING

AVAILABLE POSITIONS (17)

Positions funded by the Ministry of University and Research (8)	<u>With scholarship</u> (6)	N. 3 positions available for curriculum a) N. 3 positions available for curriculum b)
	<u>Without scholarship</u> (2)	N. 1 position available for curriculum a) N. 1 position available for curriculum b)
Positions funded by the Department of Excellence program	<u>With scholarship</u> (3)	
	<u>Without scholarship</u> (1)	

Reserved Positions (5)	Positions reserved to applicants that achieved a scholarship in the country of origin	2 positions	<i>*To apply to these positions, the applicant must declare to possess the documentation concerning the achieved scholarship.</i>
	Positions reserved to employees of companies conducting highly-qualified activities, as well as employees of research centers and institutes (these positions are without scholarship, while the student will continue to receive the salary).	2 positions	
	Position without scholarship reserved to students graduated in foreign Universities	1 position	

Programme Entry Requirements	<p>Italian second level specialization degree ("laureaspecialistica") or Italian second level (Master equivalent) graduate degree ("laureamagistrale") in the following classes</p> <p>LM-4 Architettura e ingegneria edile-architettura LM-6 Biologia LM-7 Biotecnologie agrarie LM-8 Biotecnologie industriali LM-9 Biotecnologie mediche, veterinarie e farmaceutiche LM-17 Fisica LM-18 Informatica LM-20 Ingegneria aerospaziale e astronautica LM-21 Ingegneria biomedica LM-22 Ingegneria chimica LM-23 Ingegneria civile LM-24 Ingegneria dei sistemi edilizi LM-25 Ingegneria dell'automazione LM-26 Ingegneria della sicurezza LM-27 Ingegneria delle telecomunicazioni LM-28 Ingegneria elettrica LM-29 Ingegneria elettronica LM-30 Ingegneria energetica e nucleare LM-31 Ingegneria gestionale LM-32 Ingegneria informatica LM-33 Ingegneria meccanica LM-34 Ingegneria navale LM-35 Ingegneria per l'ambiente e il territorio LM-40 Matematica LM-44 Modellistica matematico-fisica per l'ingegneria LM-53 Scienza e ingegneria dei materiali LM-54 Scienze chimiche LM-66 Sicurezza informatica LM-91 Tecniche e metodi per la società dell'informazione 4/S (specialistiche in architettura e ingegneria edile) 20/S (specialistiche in fisica) 23/S (specialistiche in informatica) 25/S (specialistiche in ingegneria aerospaziale e astronautica) 26/S (specialistiche in ingegneria biomedica) 27/S (specialistiche in ingegneria chimica)</p>
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	<p>28/S (specialistiche in ingegneria civile) 29/S (specialistiche in ingegneria dell'automazione) 30/S (specialistiche in ingegneria delle telecomunicazioni) 31/S (specialistiche in ingegneria elettrica) 32/S (specialistiche in ingegneria elettronica) 33/S (specialistiche in ingegneria energetica e nucleare) 34/S (specialistiche in ingegneria gestionale) 35/S (specialistiche in ingegneria informatica) 36/S (specialistiche in ingegneria meccanica) 37/S (specialistiche in ingegneria navale) 38/S (specialistiche in ingegneria per l'ambiente e il territorio) 45/S (specialistiche in matematica) 50/S (specialistiche in modellistica matematico-fisica per l'ingegneria) 61/S (specialistiche in scienza e ingegneria dei materiali) 62/S (specialistiche in scienze chimiche) 100/S (specialistiche in tecniche e metodi per la società dell'informazione)</p> <p>Italian graduate degree obtained under the system/laws prior to Min Decree 509/99 and equivalent to the classes specified above.</p> <p>For students graduated in foreign Universities, the following (or equivalent) degrees are considered: Master degree or equivalent degree in Computer Science, Biomedical Engineering, Electrical Engineering, Computer Engineering, Software Engineering, Mechanical Engineering, Civil Engineering, Chemical Engineering, Energy Engineering, Aerospace Engineering, Mathematics, Physics, Material Science</p>		
Selection- Admissions: Policies &Procedures	Evaluation of Qualifications, Curriculum vitae and Oral Test		
	Evaluation of Qualifications	Upto 40 points	✓Curriculum vitae with appropriate certification attesting exams taken and related marks/grades (up to 30 points); ✓Other (up to 10 points): <ul style="list-style-type: none"> o letters of reference; o motivation letter; o publications; o other training and/or research activities undertaken.
	Interview	Up to 60 points	<p>The interview will last approximately 30 mins. Applicants are invited to prepare a presentation, of up to 15 mins, also including the use of audiovisual media, on a research topic that is consistent with the specific curriculum or disciplinary area chosen. Applicants should prepare one presentation for each curriculum/disciplinary area for which they have applied.</p> <p>Candidates would need to achieve a minimum grade of 30/60 in the interview in order to pass the oral test.</p> <p>Candidates' English language skills and proficiency will also be evaluated on this occasion.</p> <p>The interview may be conducted via "teleconference" for foreign applicants not residing in Italy or for Italian applicants where circumstances so warrant, which should be justified based</p>

			on appropriate documentation.
Selection-Admission Tests: Schedules	Oral Test Interview	Oral test dates, times and venues will be announced by way of a notice published on the University website at: http://www.unisannio.it/it/studente/laureato/dottorato-di-ricerca	
Selection-Admission Test Topic	Topic theme to be chosen by the candidate from among those covered by the PhD Programmedisciplinary areas. For each specific curriculum/disciplinary areachosen, the candidate must identify and illustrate a specific research pathway.		