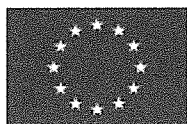




UNIVERSITÀ DEGLI STUDI  
DI SALERNO



Unione europea  
Fondo regionale di sviluppo



## THE RECTOR

To obtain more detailed information concerning the programme content, please refer to the Annexed Table and to the corresponding Ph.D. Course, and eventually contact the Course Coordinator.

### Article 1

The University of Salerno announces the establishment of the XXXV Cycle of the Ph.D. Courses.

The public competition for the admission to the following courses is therefore open:

NAME OF THE COURSE	DEPARTMENT	COORDINATOR	E-MAIL
CHEMICAL, BIOLOGICAL AND ENVIRONMENTAL SCIENCES	Chemistry and Biology "Adolfo Zambelli"	Riccardo Zanasi	<a href="mailto:rzanasi@unisa.it">rzanasi@unisa.it</a>
MATHEMATICS, PHYSICS AND APPLICATIONS	Mathematics	Patrizia Longobardi	<a href="mailto:plongobardi@unisa.it">plongobardi@unisa.it</a>
COMPUTER SCIENCE	Computer Science	Andrea De Lucia	<a href="mailto:adelucia@unisa.it">adelucia@unisa.it</a>
DRUG DISCOVERY AND DEVELOPMENT	Pharmacy	Gianluca Sbardella	<a href="mailto:gsbardella@unisa.it">gsbardella@unisa.it</a>
TRANSLATIONAL MEDICINE FOR DEVELOPMENT AND ACTIVE AGEING	Medicine, Surgery and Dentistry "Scuola Medica Salernitana"	Palmiero Monteleone	<a href="mailto:pmonteleone@unisa.it">pmonteleone@unisa.it</a>
RISK AND SUSTAINABILITY IN CIVIL ENGINEERING, ENVIRONMENTAL AND CONSTRUCTION	Civil Engineering	Giulio Erberto Cantarella	<a href="mailto:g.cantarella@unisa.it">g.cantarella@unisa.it</a>
INDUSTRIAL ENGINEERING	Industrial Engineering	Francesco Donsì	<a href="mailto:fdonsi@unisa.it">fdonsi@unisa.it</a>
INFORMATION ENGINEERING	Information and Electrical Engineering and Applied Mathematics	Pasquale Chiacchio	<a href="mailto:pchiacchio@unisa.it">pchiacchio@unisa.it</a>
LEGAL SCIENCES	Legal sciences (School of Law)	Geminello Preterossi	<a href="mailto:gpreterossi@unisa.it">gpreterossi@unisa.it</a>
BIG DATA MANAGEMENT	Business Sciences – Management & Innovation Systems	Valerio Antonelli	<a href="mailto:vantonelli@unisa.it">vantonelli@unisa.it</a>
ECONOMICS AND POLICY ANALYSIS OF MARKETS AND FIRMS	Economics and Statistics	Alessandra Amendola	<a href="mailto:alamendola@unisa.it">alamendola@unisa.it</a>
LINGUISTIC, LITERARY AND HISTORICAL STUDIES	Humanities	Carmine Pinto	<a href="mailto:cpinto@unisa.it">cpinto@unisa.it</a>
RESEARCH AND STUDIES ON THE ANTIQUITY, THE MIDDLE AGES AND THE HUMANISM, SALERNO (RAMUS)	Cultural Heritage Sciences	Giulio D'Onofrio	<a href="mailto:gdonofrio@unisa.it">gdonofrio@unisa.it</a>
METHODS AND METHODOLOGIES IN THE ARCHAEOLOGICAL AND ART HISTORICAL RESEARCH	Cultural Heritage Sciences	Stefania Zuliani	<a href="mailto:szuliani@unisa.it">szuliani@unisa.it</a>

LANGUAGE SCIENCES, SOCIETY, POLITICS AND EDUCATION	Political and communications sciences	Filippo Fimiani	<a href="mailto:fimiani@unisa.it">fimiani@unisa.it</a>
SOCIAL THEORY, DIGITAL INNOVATION AND PUBLIC POLICIES	Political and Social Studies	Luigi Frezza	<a href="mailto:frezza@unisa.it">frezza@unisa.it</a>

The coordinators of the different Ph.D. courses are reported in the table above.

For each one of the above-mentioned Ph.D. Courses, a specific annex, which is an integral part of the present call, is provided in the **Annexed Table**, reporting: the potential research topics, the available positions with and without fellowship, the admission requirements, the procedures and criteria for applicant ranking and selection.

The activities of the above-mentioned Ph.D. Courses will officially start on November 1<sup>st</sup>, 2019, and will end on the 31<sup>st</sup> of October, 2022.

The number of available positions, as reported for each Ph.D. Course in the Annexed Table, might be increased as a result of additional funds coming from the European Union, public research bodies or by qualified private companies.

Those scholarships, that are financially supported by special projects, are submitted to the specific regulations of the supporting Projects, both for the management of students' career and for the financial and administrative reports.

## *Article 2*

### *Admission requirements*

The participation to the public competition is reserved to the applicants, who, within the specified deadline, hold the higher-education qualification described in the Annexed Table, or have obtained an equivalent qualification abroad, without any restriction of age and citizenship.

In particular, the eligibility of the academic qualification obtained abroad, for the purpose of participating in the present competition, is assessed by the Examination Committee indicated in the art. 6 of the call, according to the rules and regulations in force in Italy and in the country where the applicant has obtained the qualification, and also according to treaties or international agreements for the recognition of qualifications for continuing the university studies.

To this purpose, the application must include all useful documents to enable the Examination Committee to verify the suitability of the qualification obtained abroad. These documents must be translated and legalized by the competent authorities, in accordance with the regulations for admission of foreign students to the degree courses of Italian Universities.

Those who will attain the qualification referred to in paragraph 1 by the date fixed for the interview (or written test if established) can also participate in the competition. In this case, the admission to the competition will be disposed "*with reserve*" and the candidate will be required, under penalty of decadence, to send within three days from the

established deadline, a "Substitutive Declaration of Certification", according to art. 46 of the D.P.R. (*Decreto del Presidente della Repubblica*) of 28<sup>th</sup> of December 2000, n° 445, stating that the applicant has obtained the required qualification.

### *Article 3*

#### *Deadline for the application submission*

The application procedure to the present public competition is articulated in the following steps:

#### FIRST STEP

##### Registration on the application website

Applicants, who had been previously enrolled at the University of Salerno and are already in possession of the access codes are not required to register in the University information system.

Applicants in possession of the access codes who have forgotten "username" and "password" must follow the instructions reported in the University web site to retrieve the forgotten password.

Italian and foreign applicants, who are not in possession of the access credentials, must register at the University intranet website, by following the procedure described below:

1. connect to the University intranet website: [www.unisa.it](http://www.unisa.it); select the following link: SERVIZI ON LINE - SERVIZI PER STUDENTI - AREA UTENTE (ESSE3) to access the reserved area;
2. Once reached the reserved area, select from the menu on the right: "*Registration*" and fill in the application in all its parts. During the registration step, the applicant will be asked a personal e-mail address to use also in the case of password retrieval;
3. After the registration, applicants will receive "username" and "password", to be duly recorded, paying attention to the fact that they are case-sensitive. Applicants will need "username" and "password" to access the reserved area ("Login").

Applicants can access the online procedure from any computer equipped with an internet connection. Applicants can also use the "Student internet point" located in the Building C (ground floor) of the University Campus of Fisciano (SA).

#### SECOND STEP

##### Enrollment to the competition

Application form + documents + administrative fee to participate in the competition

After the "registration" process, applicants must enroll in the competition by filling in the electronic application form, by uploading all the documents required for the evaluation of academic and scientific qualifications, as listed in the Annexed Table, and by paying the fee required for the participation in public competitions. To this purpose, applicants, through the University intranet website: [www.unisa.it](http://www.unisa.it) – servizi studenti on line – , will access their reserved area, by using "username" and "password" obtained with the registration.

In particular, the Applicant is required to:

1. Connect to the University intranet website: [www.unisa.it](http://www.unisa.it) ; select the following links: SERVIZI ON LINE – SERVIZI PER STUDENTI – AREA UTENTE (ESSE3) to access the reserved area;
2. Select from the menu on the left: "*Login*", and enter "*username*" and "*password*" in the window that will appear;
3. After accessing the reserved area, on the right of the new page, a list of items is shown; the Applicant has to select "*Admission Test*" and fill in the application form by following the instructions provided. The Applicant will be required, to complete the application, also of the identification data contained in their Passport or valid identification document. Please note that the identification document should be the same to be used for identification in the competition.

Please, note that for the data declared in the application form, you are subject to the penalties in case of untruthful statements and use of false documents, referred to in article 76 of D.P. R. of 28 December 2000, n° 445, and you will be deprived of all the benefits resulting from untrue statement, if the audit shows that the content of the statements is untruthful (art. 75 D. P. R. December 28, 2000, n° 445).

4. Once filled the form with all the required data, print the filled application form and complete it, and proceed with the payment the above-mentioned participation fee of € 30,00 for the participation in public competitions for admission to Ph. D courses. It should be noted that a separate fee should be paid for each different application.

The above-mentioned fee can be paid using alternately one of the following modalities:

- A): Directly online, by accessing the "Payments" section of the reserved area, and choosing from the following available tools: Credit or debit card or prepaid card, or bank transfer.
- B): Using the PagoPa payment module, which contains the Codice di Avviso di Pagamento (IUV), downloaded by accessing the "Payments" section of the

Reserved Area, choosing from the following available tools: your bank's agencies, or home banking.

Other forms of payment are not allowed.

5. Having finished entering the required data, upload the documents required for the evaluation of academic and scientific qualifications listed in the Annexed Table.

The fee for the participation in public competitions will not be refunded under any circumstances.

You cannot modify the Ph.D. Course selected at the registration in the public competition. If the applicants, after the application, intend to modify the choice already made, they should fill in a new application and pay the required fees.

You cannot apply to different curricula of the same Ph.D. Course. Applicants are required to select only the curriculum, for which they intend to compete.

**Registration for the competition must be completed and submitted no later than 23:59 pm (Italian time) of the 24<sup>th</sup> of September, 2019, being sure to have duly filled the electronic application form, loaded the documents required for the evaluation of academic and scientific qualifications (see Annexed Table) and the payment receipt of the contribution for participating in public competitions for admission to Ph.D. studies. . Therefore, the on-line procedure described for in this article will be closed without exception within the above-mentioned deadline.**

It should be noted that the application for admission to the competition described in this article does not entitle you to take the admission tests if the contribution for the participation in public competitions for admission to Ph.D. Courses has not been paid within the submission deadline.

In addition, the application form, duly signed and completed, and the receipt of payment of the contribution for the participation in public competitions for admission to Ph.D. Courses must not be delivered to the "Ufficio Formazione Post Laurea" (Office for Post-Graduate Studies) of the University, but kept by the applicant and shown, if required, to the Examination Committee referred to in Article 6 of the call.

In this regard, the Examination Committee will admit to the interview (or written test when required) only those candidates, who are included in the list of admitted by "Ufficio Formazione Post Laurea" and published in the University website: <http://web.unisa.it/en/teaching/phd-programmes>

*Article 9*  
*Enrollment to Ph.D. Courses*

The final ranking lists for the competitions to the different Ph.D. Courses will be published in the Official University Board at <https://web.unisa.it/amministrazione-trasparente/albo>. This publication will provide the official notification to the assignees of the Ph.D. positions, and, therefore, there will be no personal communications.

The above-mentioned ranking lists will also be announced on the University website at <http://web.unisa.it/en/teaching/phd-programmes> .

The candidates, who are in classified in the final ranking list to ensure the assignment of a Ph.D. position must enroll, under penalty of decadence, within the deadline of 7 days, starting from the day following the publication in the Official University Board, using only the online procedure, which was activated for the access to the University intranet: [www.unisa.it](http://www.unisa.it) – online student services – user area of the candidate, by using the access codes ("username" and "password") obtained by registering.

In particular, Applicants have to:

1. connect to the University intranet website: [www.unisa.it](http://www.unisa.it) , select the following links: SERVIZI ON LINE – SERVIZI PER STUDENTI – AREA UTENTE (ESSE3) to access the reserved area;
2. select from the menu on the left of the page the option "Login" and type in the access codes;
3. once the new page of the user's area open, on the right you will see the complete list of all the tasks you can perform: select "Enrolment", and fill in the required data, following the instructions provided by the system.  
If the data are correct, click on <Conferma i dati inseriti> to confirm, otherwise, if you intend to amend some data, click on <Modifica i dati inseriti>.
4. Once entered the required data, print the enrollment form, and proceed to the payment of the enrolment taxes, and in particular the regional tax "Tassa Regionale per il Diritto allo Studio Universitario" and the stamp duty "Imposta di Bollo", which are calculated on the basis of the previously entered data.

In this regard, please note that the payment of the "Tassa Regionale per il Diritto allo Studio Universitario" must be made using exclusively the MAV forms of payment downloaded through in your user's area, at a branch of Unicredit Bank SpA or of any other banking institution. Consequently, other methods of payment are not allowed.

The "Imposta di Bollo" can instead be paid according to one of the following procedures:

- A. Directly online, accessing the "Pagamenti" (payments) section of your User's Area, and choosing one of the proposed payment methods;

- B. Using the Avviso di pagamento pagoPA, indicating the code “Codice di Avviso Pagamento (IUV)”, which can be downloaded from your User’s Area, choosing the preferred payment tool.

The above Taxes will not be returned under any circumstances.

The payment of the above Taxes must be made, under penalty of decadence of the enrolment, within the deadline referred to in paragraph 1 of this Article.

By filling in the on-line enrollment form, the candidates, which are classified in the final ranking list to be assignees of a Ph.D. position, will attest, in the form of self-certification, made under Articles 46 and 47 of Presidential Decree December 28, 2000 n. 445, possession of the following facts, statuses and personal qualities:

- the academic qualification, according to article 3, paragraph 1;
- not being enrolled and the commitment to not enroll, simultaneously, for another Ph.D. Course;
- not being enrolled for a School of Specialization of the non-medical area and, if so, the commitment to resign before the start of the Ph.D. studies;
- the commitment, if you intend to engage in external activities, including occasional and short-term activities, to give prior notification to the University Administration and not to start these activities without first having obtained the required authorization from the Board of the Ph.D. Course;
  - *(only for foreign students, who are the assignees of the Scholarship funded by the University and reserved to foreigners who have obtained a degree abroad)* commitment to using the accommodation in the University residences for the duration of the Ph.D. Course, in the period from the 1<sup>st</sup> of October to the 31<sup>st</sup> of July of each year, and the commitment to support the expenses that the ADISU may request to the University Administration in the case said accommodation is not used;
- commitment to observing the Code of Ethics of the University of Salerno.

Candidates, who are assignees of a Ph.D. scholarship and wish to benefit from it, will attest also:

- to accept the scholarship and not have already been awarded (even for one year only) of other scholarships from other Ph.D. Courses;
- the commitment not to combine said scholarship with other scholarships awarded for any purpose, with the only exception of those awarded by national or foreign institutions to integrate, through periods spent abroad, the research activities of the student.

The enrollment application, duly filled and signed, must be submitted personally or sent to the University Administration together with a copy of an identification document duly signed.

Ph.D. students with a disability equal to or greater than 66% are required to comply with the same procedure of online registration, therein declaring the state of a disabled student.

The above-mentioned students are only required to pay the "Tassa Regionale per il Diritto allo Studio Universitario", whose MAV form of payment can be downloaded and printed together with the enrolment form, and on which a stamp duty of € 16,00 must be applied. The payment must be made at a branch of Unicredit Bank SpA or of any other banking institution. In this regard, note that other methods of payment are not allowed.

The enrolment form must be submitted personally or sent to the University Administration together with the following documentation:

1. photocopy of an identification document duly signed;
2. certificate confirming the disability.

The enrolment application form and the associated tax payment form will report the matriculation number assigned to each student.

Foreign citizens are required to present an additional certification, according to art. 46 of Presidential Decree December 28, 2000, n° 445, stating:

- a) the enjoyment of civil and political rights in their country of citizenship or origin;
- b) the possession, with the exception of Italian nationality, of all other requirements for citizenship of the Republic ;
- c) adequate knowledge of the Italian language.

Those applicants, who did not complete the enrolment procedure within the deadline referred to in paragraph 2, will be considered to have resigned and those who have made false declarations will be excluded.

Any remaining position will, hence, be assigned before the beginning of the research activity to the other candidates included in the ranking list.

#### *Article 10*

##### *Tuition fees and benefits*

All the Ph.D. students (with and without scholarship) are exempted from payment of tuition fees and must pay only the "Tassa Regionale per il Diritto allo Studio Universitario" and the "Imposta di Bollo".



The amount of the "Tassa Regionale per il Diritto allo Studio Universitario" is determined by the University Administration.

The foreign Ph.D. students, who are the assignees of the Scholarship funded by the University and reserved to foreigners who have obtained a degree abroad, will benefit from free accommodation at University residences in Fisciano (SA), and a free meal per day at University canteen in Fisciano (SA), from the 1<sup>st</sup> of October to the 31<sup>st</sup> of July of each year.

Please note that this benefit does not apply to the foreign Ph.D. students, who are the assignees of regular scholarships funded by the University or through departmental resources.

Fisciano, 25 LUG. 2019

THE RECTOR  
Prof. Aurelio TOMMASETTI





<p align="center"><b>PhD Course in Chemical, Biological and Environmental Sciences Director: Prof. RICCARDO ZANASI (E-mail: <a href="mailto:rzanasi@unisa.it">rzanasi@unisa.it</a> )</b></p>				
<b>Organization:</b>		Department of Chemistry and Biology "A. Zambelli" (DCB)		
<b>Period:</b>		three-year		
<b>Curriculum:</b>		a) Chemistry b) Biological and Environmental Sciences		
<b>Available positions:</b>	Scholarships funded by the University	6	<b>Curriculum a) n. 5 for the following projects:</b> 1) <i>"Metal complexes as catalysts for the synthesis of sustainable polymers"</i> ; 2) <i>"Crystalline-nano-porous polymeric materials: properties and applications"</i> ; 3) <i>"The magnetically induced current density approach for the study of molecular properties"</i> ; 4) <i>"Synthesis and characterization of smart polymers for biomedical applications"</i> 5) <i>"Stereo-controlled C-C and C-Heteroatom bond formation reactions"</i>  <b>Curriculum b) n. 1 for the following project:</b> 6) <i>"Biological effects of synthetic compounds and of bioactive molecules in two- and three-dimensional cell culture systems"</i>	
	Scholarship funded by the University and reserved to Italian citizens or foreigners who have obtained a degree abroad	1	Curriculum a	
	Positions without scholarship	2	n. 1 to curriculum a n. 1 to curriculum b	
<b>Qualification required for admission to the competition</b>	"Laurea vecchio ordinamento" or "Laurea Specialistica" or "Laurea Magistrale" or equivalent foreign qualification			
<b>ADMISSION TESTS</b>	<b>DOCUMENTS, CURRICULUM AND INTERVIEW</b>			
	ASSESSMENT OF QUALIFICATION	60 scores	Considered documents: ✓ Curriculum; ✓ Graduation marks; ✓ Letters of presentations by scholars	The curriculum must include the list of exams in undergraduate and postgraduate degree, with an indication of the obtained marks.
	INTERVIEW	From 40 up to 60 scores		Upon reasoned request the interview will be accomplished over the net.
<b>ADMISSION EXAMINATION SCHEDULE:</b>	INTERVIEW:	<b>DATE: October 02, 2019</b> <b>AT: 15:00 (03:00 pm)</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal		Place: Department of Chemistry and Biology "A. Zambelli", Room 51.

		references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	
	Language :	Italian or English	

<b>PhD Course: MATHEMATICS, PHYSICS AND APPLICATIONS COORDINATOR: PROF. PATRIZIA LONGOBARDI</b>			
<b>HOME DEPARTMENT:</b>		Mathematics (DipMat)	
<b>DURATION</b>		Three years	
<b>CURRICULUM:</b>		<b>a)</b> Physics <b>b)</b> Mathematics	
<b>NUMBER OF POSITIONS:</b>	Scholarship Funded by University	<b>7</b>	n° 3 to curriculum <b>a)</b> n° 4 to curriculum <b>b)</b>
	Funded by National Institute for Nuclear Physics scholarship	<b>1</b>	to curriculum <b>a)</b>
	Scholarship funded the University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	to curriculum <b>b)</b>
	Self-funded	<b>2</b>	n° 2 to curriculum <b>a)</b> n° 1 to curriculum <b>b)</b>
<b>TITLES FOR ATTENDING THE APPLICATION</b>	Laurea V.O. titoli equipollenti alle lauree Magistrali e Specialistiche sotto elencate LM-6 Biologia LM-8 Biotecnologie industriali LM-11 Scienze per la conservazione dei beni culturali LM-17 Fisica LM-18 Informatica LM-22 Ingegneria chimica LM-28 Ingegneria elettrica LM-29 Ingegneria elettronica LM-30 Ingegneria energetica e nucleare LM-32 Ingegneria informatica LM-33 Ingegneria meccanica LM-40 Matematica LM-44 Modellistica matematico-fisica per l'ingegneria LM-53 Scienza e ingegneria dei materiali LM-54 Scienze chimiche LM-58 Scienze dell'universo LM-60 Scienze della natura LM-71 Scienze e tecnologie della chimica industriale LM-75 Scienze e tecnologie per l'ambiente e il territorio LM-79 Scienze geofisiche LM-82 Scienze statistiche LM-83 Scienze statistiche attuariali e finanziarie LM-95 Classe di abilitazione A059 - Matematica e scienze nella scuola secondaria di I grado 6/S (specialistiche in biologia) 8/S (specialistiche in biotecnologie industriali) 10/S (specialistiche in conservazione dei beni architettonici e ambientali) 20/S (specialistiche in fisica) 26/S (specialistiche in ingegneria biomedica) 27/S (specialistiche in ingegneria chimica) 31/S (specialistiche in ingegneria elettrica) 32/S (specialistiche in ingegneria elettronica) 33/S (specialistiche in ingegneria energetica e nucleare) 35/S (specialistiche in ingegneria informatica )		

	<p>36/S (specialistiche in ingegneria meccanica)  45/S (specialistiche in matematica)  48/S (specialistiche in metodi per l'analisi valutativa dei sistemi complessi)  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)  66/S (specialistiche in scienze dell'universo)  68/S (specialistiche in scienze della natura)  82/S (specialistiche in scienze e tecnologie per l'ambiente e il territorio)  85/S (specialistiche in scienze geofisiche)  86/S (specialistiche in scienze geologiche)</p> <p><b>Titolo straniero equipollente</b></p>		
<b>SELECTION AND ADMISSIONS</b>	Titles, curriculum vitae and oral examination		
	Assesment of qualification	Up to 60 points	<b>Titles:</b> ✓ Curriculum vitae; ✓ Score of Master Degree.
	Oral examination	from 40 to 60 points	Applicants residing abroad may request to be interviewed via Skype. We will do our best to interview applicants residing in different time zones at a convenient hour
<b>CALENDAR OF EXAMINATIONS:</b>	Oral examination:	<b>DATE: October 3th, 2019</b> <b>AT: 3 p.m.</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	
	Language:	INGLESE	
			WHERE: Sala Riunioni del Dipartimento di Matematica – Building F2 – first floor

**Ph.D. SCHOOL IN "COMPUTER SCIENCE"  
DIRECTOR: PROF: ANDREA DE LUCIA**

<b>HOME DEPARTMENT:</b>		Department of Computer Science		
<b>COURSE DURATION:</b>		Three years		
<b>CURRICULA:</b>		<b>a) COMPUTER SCIENCE AND INFORMATION TECHNOLOGY</b> <b>b) INTERNET OF THINGS AND SMART TECHNOLOGIES</b>		
<b>NUMBER OF POSITIONS:</b>	Scholarships funded by University	<b>3</b>	Any of the topics of interest of the PhD program	n° <b>3</b> for the curriculum <b>a</b> and n° <b>0</b> for the curriculum <b>b</b>
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	Any of the topics of interest of the PhD program	to the curriculum <b>a</b>
	Scholarships funded under the project excellence departments (2018-2022)	<b>3</b>	Any of the topics of interest of the PhD program	n° <b>0</b> for the curriculum <b>a</b> and n° <b>3</b> for the curriculum <b>b</b>
	Scholarship funded by Universidad Católica de Colombia and reserved to academics and administrative staff of Universidad Católica de Colombia	<b>1</b>	Any topic of interest for the PhD program	to the curriculum <b>a</b>
	Scholarship funded by PRIN 2017 PREVUE (Prediction of Activities and Events by Vision in an Urban Environment) – code 2017N2RK7K	<b>1</b>	Topics concerned with Artificial Intelligence applied to Computer Vision, in memory of the significant contribution by prof. Alfredo Petrosino to the scientific community	to the curriculum <b>b</b>
	Scholarship funded by PRIN 2017 EMPATHY (Empowering People in Dealing with Internet of Things Ecosystems) – code 2017MX9T7H	<b>1</b>	Topics concerned with Multi-modal tailoring of IoT context-dependent applications	to the curriculum <b>b</b>
	Self-Funded	<b>3</b>	Any of the topics of interest of the PhD program	n° <b>2</b> for the curriculum <b>a</b> and n° <b>1</b> for the curriculum <b>b</b>
<b>ADMISSION REQUIREMENTS</b>	Master degree			
<b>SELECTION AND ADMISSIONS</b>	<b>RESUME EVALUATION AND INTERVIEW</b>			
	RESUME EVALUATION	Up to 60 points	<u>Evaluable qualifications:</u> ✓ Curriculum Vitae; ✓ Degree grade; ✓ Letters of presentations by scholars from other institution than University of Origins ✓ Research proposal (Up to 5 pages) ✓ Publications ✓ Any other documentation of qualification and/or research experience	
	INTERVIEW	From 40 up to 60		





PH.D. SCHOOL IN "DRUG DISCOVERY AND DEVELOPMENT"			
DIRECTOR: PROF. GIANLUCA SBARDELLA			
HOME DEPARTMENT:		Department of Pharmacy	
COURSE DURATION:		Three years	
NUMBER OF POSITIONS:	Funded by University	7	Topics yearly selected by the Board of the PhD program (see shortlist below)
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	1	Topics yearly selected by the Board of the PhD program (see shortlist below)
	Self-Funded	2	Topics yearly selected by the Board of the PhD program (see shortlist below)
ADMISSION REQUIREMENTS	<p>Master's degree in the following disciplines; Biology; Agricultural Biotechnology; Industrial Biotechnology; Medical, Veterinary, and Pharmaceutical Biotechnology; Pharmacy; Industrial Pharmacy; Medicinal Chemistry; Pharmaceutical Sciences; Chemical Engineering; Biomedical Engineering; Informatics; Medicine and Surgery; Chemistry.</p> <p>Other equivalent qualifications will be accepted by the Examination Board in agreement with Academic Degree Regulations of Italy and of the country when it was obtained, and according international mutual recognition agreements.</p>		
SELECTION AND ADMISSIONS	RESUME EVALUATION AND INTERVIEW		
	RESUME EVALUATION	Up to 60 points	<p><u>Evaluable qualifications (items in bold are mandatory):</u></p> <ul style="list-style-type: none"> <li>✓ <b>Curriculum Vitae</b> reporting the examination mark achieved for each course (evaluation up to 10 points);</li> <li>✓ <b>Degree grade</b> (up to 32 points);</li> <li>✓ <b>At least one letter of presentations</b> by scholars from the University of origin and/or other universities and research institutions (up to 2 points)</li> <li>✓ <b>Degree thesis</b> (electronic format, up to 11 points)</li> <li>✓ <b>Research proposal</b> (2–3 pages, following the scheme reported in the next column)</li> <li>✓ Scientific publications (on ISI journals; up to 3 points)</li> <li>✓ Any other documentation of qualification and/or research experience (up to 2 points)</li> </ul> <p>Any document that is not in English or Italian must be accompanied by the English or Italian translation and a signed declaration that the contents of the translation are a true translation and representation of the contents of the original document.</p>
	INTERVIEW:	From 40 points up to 60 points	<p><b>A short research proposal should be written in form of an essay on one of the topic proposed</b> (see below), presented together with the application and organized as follows:</p> <ol style="list-style-type: none"> <li>1. Abstract (half page);</li> <li>2. Scientific background (half page),</li> <li>3. Experimental plan (1 page),</li> <li>4. Bibliography (essential references);</li> </ol> <p>It should illustrate the state of the art and a possible way to make progress about it in the next future. <b>The topic of the essay is not meant to coincide with the topic of the Ph.D.</b> The essays will be discussed during the interview and used to assess the candidate competences.</p> <ul style="list-style-type: none"> <li>✓ Presentation and discussion of the research proposal;</li> <li>✓ basic knowledge in Medicinal Chemistry, Pharmacology, Molecular and Cellular Biology, Biochemistry, Microbiology, Pharmaceutical Technology;</li> <li>✓ test to demonstrate knowledge of English language</li> </ul>
CALENDAR OF EXAMINATIONS:	INTERVIEW	DATE: October 7 <sup>th</sup> 2019	LOCATION: Room 32 – DIFARMA (buiding F, II

		<p><b>AT: 9.00</b></p> <p>Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee</p>	<p>floor)</p>
			<p><b>Shortlisted candidates</b> are asked to attend a final boardroom interview on 14<sup>th</sup> October 2019, at 10.00 (room 32, DIFARMA). On that occasion, they will be asked to choose, following the merit ranking, one among the research projects previously selected by the Board of the PhD Program. <b>Candidates who do not attend at interview as required will have no further claim for consideration in the recruitment process</b></p>
	<p>LANGUAGE:</p>	<p>ENGLISH</p>	
<p><b>EXAMINATION TOPICS:</b></p>	<p>Strategies and techniques in drug discovery and development; molecular and cellular mechanisms of action of drugs; strategies and techniques for the identification and validation of drug targets and for the assessment of their biological role and molecular mechanism; development of functional foods, nutraceuticals and cosmetics; pre-clinical development</p>		
<p><b>TOPICS FOR THE RESEARCH PROJECT PROPOSAL (not meant to coincide with the topic of the Ph.D.)</b></p>	<ul style="list-style-type: none"> <li>• Proteomic approaches to disclose label-free natural products cellular targets</li> <li>• Design and synthesis of small molecules as ion channels modulators</li> <li>• Design and synthesis of new inhibitors of haploidgerm cell-specific kinase (Haspin)</li> <li>• Design and synthesis of anti-inflammatory and/or anticancer compounds</li> <li>• Development of innovative screening techniques for the prevention and treatment of oncology diseases</li> <li>• Novel technological strategies for the manufacturing of in situ gelling formulations for wound healing</li> <li>• Design, synthesis and structural characterization of peptide aptamers for stem cell phenotypical characterization</li> <li>• Design, synthesis and structural characterization of “membrane active peptides” from viral envelope glyco-proteins</li> <li>• Analytical procedures for the safety assessment of botanical dietary supplements and herbal medicines</li> <li>• Innovative approaches to elucidate the molecular mechanism of action of bioactive terpenes in different biological systems</li> <li>• Target identification of native natural compounds</li> <li>• Study of endemic plants to promote the sustainable use of Campania biodiversity</li> <li>• Metabolomics for quality research in agro-foods, and nutraceuticals obtained by waste-products</li> <li>• Role of CD73 in Cancer</li> <li>• Metabolomics of dendritic cells cultivated in the presence of natural iron biochelants</li> <li>• Chromatin modifications involved in <i>Candida albicans</i> growth</li> <li>• Analytical strategies in phytochemical study of botanicals, with particular focus on commercial "Superfoods"</li> <li>• Molecular dynamics methods for high throughput virtual screening</li> <li>• Development of innovative agents for the treatment of metabolic diseases</li> <li>• Development of new neuroprotective agents</li> <li>• 3D printing technologies for drug delivery systems and medical devices</li> <li>• Design, synthesis, biological activity evaluation and binding studies of novel small-molecule modulators of PRMTs (protein arginine methyltransferases).</li> <li>• Molecular analyses for the identification of potential therapeutic targets in gastric diseases</li> </ul>		

<b>Ph.D. SCHOOL IN  “TRANSLATIONAL MEDICINE FOR DEVELOPMENT AND ACTIVE AGING”  DIRECTOR: PROF: PALMIERO MONTELEONE</b>			
<b>HOME DEPARTMENT:</b>		Medicine, Surgery and Dentistry “Scuola Medica Salernitana”	
<b>DURATION</b>		THREE YEARS	
<b>CURRICULUM:</b>		<b>1.</b> Management of fragility, chronic conditions and co-morbidities <b>2.</b> Translational and clinical medicine <b>3.</b> Molecular, imaging, clinical and cognitive-behavioral biomarkers of development and functional decline <b>4.</b> Innovative technologies in translational medicine	
<b>NUMBER OF POSITIONS</b>	Funded by University	<b>6</b>	Of whom, <b>1</b> position for curriculum <b>1</b> Of whom, <b>1</b> position for curriculum <b>2</b> Of whom, <b>2</b> position for curriculum <b>3</b> Of whom, <b>2</b> position for curriculum <b>4</b>
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	Of whom, <b>1</b> position for curriculum <b>1</b>
	Funded by Italian MIUR, PRIN research funding projects	<b>1</b>	Of whom, <b>1</b> position for curriculum <b>4</b>
	Funded by ATHENA BIOMEDICAL INNPVATION S.r.L	<b>1</b>	Of whom, <b>1</b> position for curriculum <b>2</b>
	Self-Funded	<b>3</b>	Of whom, <b>1</b> position for curriculum <b>1</b> Of whom, <b>1</b> position for curriculum <b>2</b> Of whom, <b>1</b> position for curriculum <b>3</b>
<b>ADMISSION REQUIREMENTS</b>	Master Degree		
<b>SELECTION AND ADMISSIONS</b>	<b>RESUME EVALUATION AND INTERVIEW</b>		
	RESUME EVALUATION	UP TO 60 POINTS	<b>EVALUABLE TITLES:</b> ✓ Curriculum Vitae; ✓ Degree grade; ✓ Letters of presentations by scholars from other institution than University of Origins ✓ Research proposal (Up to 5 pages) ✓ Publications ✓ Any other documentation of qualification and/or research experience
	INTERVIEW:	FROM 40 TO 60 POINTS	
INTERVIEW:	<b>DATE:</b> 11/10/2019 <b>AT:</b> 10:30  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a>		<b>LOCATION:</b> Campus of Medicine in Baronissi

		their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	
	LANGUAGE	English	
<b>EXAMINATION TOPICS:</b>	topics will be related to curricula and Research proposal		

**PhD Course in  
Risk and Sustainability in Civil, Architectural and Environmental Engineering Systems  
COORDINATOR: PROF. GIULIO ERBERTO CANTARELLA**

<b>ADMINISTRATIVE DEPARTMENT:</b>		CIVIL ENGINEERING (DICIV)	
<b>DURATION:</b>		THREE YEARS	
<b>CURRICULUM:</b>		<b>a)</b> Advanced Technologies, Infrastructures and Land protection for Sustainable Development <b>b)</b> Integrated Assessment of the Vulnerability of Built Heritage: Diagnostic Protocols and Conservation	
<b>POSITIONS*:</b>	Scholarships funded by University of Salerno and open to all candidates	6	with the following subdivision: 3 scholarships to curriculum A 3 scholarships to curriculum B
	Scholarships funded by the University of Salerno and reserved to Italian citizens or foreign citizens who have obtained their master degree abroad	1	only for curriculum B
	Scholarships funded under the Departments of Excellence grant L.232/2016 (2018-2022). These Scholarships requires a period of residency abroad, in recognized foreign institutions approved by the Faculty Board of the PhD Course, not shorter than 12 months.	4	with the following subdivision: 2 scholarships to curriculum A 2 scholarships to curriculum B
	Positions without scholarship	3	with the following subdivision: 2 positions to curriculum A 1 position to curriculum B
<b>TITLES FOR ATTENDING THE APPLICATION</b>	<p>In order to be eligible, the candidate should hold one of the following Master Degrees issued by Italian academic institutions, or any other equivalent degree, in terms of subject and duration, that is issued by foreign academic institutions:</p> <p>LM-3 Architettura del paesaggio  LM-4 Architettura e ingegneria edile-architettura  LM-4 c.u. Architettura e ingegneria edile-architettura ( quinquennale )  LM-17 Fisica  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-48 Pianificazione territoriale urbanistica e ambientale  LM-53 Scienza e ingegneria dei materiali  LM-74 Scienze e tecnologie geologiche</p>		

	<p>LM-75 Scienze e tecnologie per l'ambiente e il territorio          Laurea Specialistica:          3/S (specialistiche in architettura del paesaggio)          4/S (specialistiche in architettura e ingegneria edile)          10/S (specialistiche in conservazione dei beni architettonici e ambientali)          12/S (specialistiche in conservazione e restauro de patrimonio storico-artistico)          25/S (specialistiche in ingegneria aerospaziale e astronautica)          26/S (specialistiche in ingegneria biomedica)          27/S (specialistiche in ingegneria chimica)          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/SW (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)          54/S (specialistiche in pianificazione territoriale urbanistica e ambientale)          61/S (Specialistiche in scienza e ingegneria dei materiali)</p>		
<p><b>HOW TESTS ARE CARRIED OUT</b></p>	<p><b>TITLES AND INTERVIEW</b></p>		
	<p>TITLES EVALUATION:</p>	<p>UP TO 60 points</p>	<p>Valid documents and titles:          ✓ Curriculum Vitae;          ✓ MSc degree grade ;          ✓ Reference letters by renowned scientists external to the University of Salerno to be addressed directly to the PhD coordinator (email address: dottorato.diciv.cantarella@unisa.it);;          ✓ Reference letters by faculty members of DICIV to be addressed directly to the PhD coordinator (email address: dottorato.diciv.cantarella@unisa.it);          ✓ Research project (max. 8000 characters);          ✓ Any other titles pertaining to the PhD program to be carried out .</p>
	<p>INTERVIEW EVALUATION:</p>	<p>UP TO 60 points</p>	<p>NOTE: The interview will be passed if the score obtained by the candidate is not lower than 40 points.</p>
	<p>INTERVIEW:</p>	<p><b>DATE: October 9<sup>th</sup> 2019</b>  <b>TIME: 10.00 am</b>, with possible continuation in the afternoon and/or the following day.          Applicants residing abroad may require to be interviewed through Skype videoconference, by sending their Skype ID and their personal information to the following email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a>, upon attaching to such an email a scan copy of their passport          The Examining Commission will do its best to interview the applicants at convenient times, in consideration of the current country of residence of the candidate.</p>	
<p>LANGUAGES:</p>	<p>Italian or English</p>		<p><b>VENUE:</b>  <b>curriculum A:</b>  <b>"Sala Riunioni"</b>  <b>Building L3</b>          Fisciano Campus          Dept. of Civil Engineering   <b>Curriculum B:</b>  <b>"Aula Multimediale"</b>  <b>Building L2</b>          Fisciano Campus          Dept. of Civil Engineering</p>
<p><b>INTERVIEW TOPICS:</b></p>	<p>The candidate will be asked questions about the topics covered by the selected PhD Curriculum, which are pertinent to the following disciplines :          Curriculum a) Hydraulic, Environmental, Transportation and Geotechnical Engineering;          Curriculum b) Structural Engineering; Representation, Conservation, Restoration and History of Architecture.</p>		

	The candidate will also be interviewed about his master thesis work and the proposed research project.
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**\*NOTE 1:**

The PhD course has applied for the following three research project proposals relative to the call INPS (see Annex).

Proposal	Description	Industrial partner	ForeignUniversity	Curriculum
1	The proposed research activity aims to implement innovative techniques for the sustainable management of rivers. Monitoring techniques, guidelines and management strategies will be developed in the perspective of the National Sustainable Development Strategy, SNSvS.	BIOS-IS srl (12 months) Firenze	University of Surrey (6 months) United Kingdom	A
2	The proposed PhD project is aimed at researching, modeling and testing innovative materials and construction techniques for the sustainable development based on the use of the rammed earth.	Geo Consultsrl (6 months) Manocalzati (AV)	Universidade NOVA de Lisboa (6 months) Portugal	B
3	The training activity will concern the analysis, acquisition and systematization of material and products of the research related to the theme of plans and strategies for overcoming architectural barriers, at national and international level. The co-design activity, to be carried out at the public administration (in the province of Salerno) will concern consultancy and support to the drafting of technical and economic feasibility projects of the PEBA (plan for the elimination of architectural barriers).  The research activity to be carried out at the foreign institution will concern the analysis of methodologies implemented, at international level, in the design, management and monitoring of shared spaces.	Fisciano municipality (3 months)	University of Valencia (3 months) Spain	B

**\*NOTE 2:**

Additional scholarships granted by the funding project POR FSE 2014/2020 Campania Region could be eventually available at the date of October 9, 2019. Such scholarships will be announced during the oral exam, if they become available.



**DOCTORATE COURSE IN INDUSTRIAL ENGINEERING**

**DIRECTOR: PROF: FRANCESCO DONSI'**

<b>HOME DEPARTMENT</b>		Department of Industrial Engineering, University of Salerno		
<b>DURATION</b>		3 years		
<b>Ph.D. CURRICULUM:</b>		a) Chemical engineering b) Electronic engineering c) Mechanical engineering		
<b>POSITIONS</b>	Scholarships funded by the University	8	See below: topics for the research project proposal	n° 3: Chemical engineering curriculum n° 2: Electronic engineering curriculum n° 3: Mechanical engineering curriculum
	Scholarship funded by the University and reserved for Italian citizens or foreigners who have obtained their degree abroad	1	See below: topics for the research project proposal	Mechanical engineering curriculum
	Scholarship funded by KINETON srl	1	Design methods, control and evaluation of powertrain performance for electric vehicles	Electronic engineering curriculum
	Scholarship funded by Research Centre for Nanomaterials and Nanotechnology (NANO_MATES)	1	New technologies for improving energy efficiency and environmental impact.	Chemical engineering curriculum
	Scholarship funded by KT- Kinetics Technology	1	Structured catalysts for intensifying COS hydrolysis at low temperatures	Chemical engineering curriculum
	Scholarship funded by PRIN grant	1	A technology platform for the sustainable recovery and advanced use of nanostructured cellulose from agro-food residues	Chemical engineering curriculum
	Self-Funded	4	See below: topics for the research project proposal	n° 2: Chemical engineering curriculum n° 1: Electronic engineering curriculum n° 1: Mechanical engineering curriculum
	Self-Funded positions reserved for "Dottorato Executive"	3	<ul style="list-style-type: none"> <li>• Pasta functionalization through the incorporation of active ingredients of natural origin (Pastificio Lucio Garofalo Spa)</li> <li>• Innovative catalytic systems for the reduction of pollutants from combustion processes (Airmec srl)</li> <li>• Study of new processes based on cold plasma for biomass treatment (Airmec srl)</li> </ul>	n° 3: Chemical engineering curriculum

	Self-Funded positions reserved for Mathegram project (reserved for the holders of MSCA post-doc position)	2	<ul style="list-style-type: none"> <li>• The effect of temperature on powder flowability and spreadability for additive manufacturing</li> <li>• Heat transfer in selective laser sintering</li> </ul>	n° 2: Chemical engineering curriculum
<p><b>ACADEMIC DEGREE REQUIRED FOR ADMISSION TO THE Ph.D. PROGRAMME</b></p>	<p><b>Italian degree:</b>          Laurea V.O. titoli equipollenti alle lauree Magistrali e Specialistiche sotto elencate          LM-7 Biotecnologie agrarie          LM-8 Biotecnologie industriali          LM-9 Biotecnologie mediche, veterinarie e farmaceutiche          LM-11 Scienze per la conservazione dei beni culturali          LM-13 Farmacia e farmacia industriale          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-41 Medicina e chirurgia          LM-42 Medicina veterinaria          LM-44 Modellistica matematico-fisica per l'ingegneria          LM-53 Scienza e ingegneria dei materiali          LM-54 Scienze chimiche          LM-60 Scienze della natura          LM-66 Sicurezza informatica          LM-69 Scienze e tecnologie agrarie          LM-70 Scienze e tecnologie alimentari          LM-71 Scienze e tecnologie della chimica industriale          LM-73 Scienze e tecnologie forestali ed ambientali          LM-74 Scienze e tecnologie geologiche          LM-75 Scienze e tecnologie per l'ambiente e il territorio          LM-79 Scienze geofisiche          LM-86 Scienze zootecniche e tecnologie animali          LM/SNT2 Scienze riabilitative delle professioni sanitarie          LM/SNT3 Scienze delle professioni sanitarie tecniche          LM/SC Scienze criminologiche applicate all'investigazione e alla sicurezza          LM/DS Scienze della difesa e della sicurezza          LMR/02 Conservazione e restauro dei beni culturali          2/S (specialistiche in archeologia)          3/S (specialistiche in architettura del paesaggio)          4/S (specialistiche in architettura e ingegneria edile)</p>			

6/S (specialistiche in biologia)  
 7/S (specialistiche in biotecnologie agrarie)  
 8/S (specialistiche in biotecnologie industriali)  
 9/S (specialistiche in biotecnologie mediche, veterinarie e farmaceutiche)  
 10/S (specialistiche in conservazione dei beni architettonici e ambientali)  
 11/S (specialistiche in conservazione dei beni scientifici e della civiltà industriale)  
 12/S (specialistiche in conservazione e restauro del patrimonio storico-artistico)  
 14/S (specialistiche in farmacia e farmacia industriale)  
 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)  
 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)  
 46/S (specialistiche in medicina e chirurgia)  
 47/S (specialistiche in medicina veterinaria)  
 48/S (specialistiche in metodi per l'analisi valutativa dei sistemi complessi)  
 50/S (specialistiche in modellistica matematico-fisica per l'ingegneria)  
 52/S (specialistiche in odontoiatria e protesi dentaria)  
 61/S (specialistiche in scienza e ingegneria dei materiali)  
 62/S (specialistiche in scienze chimiche)  
 68/S (specialistiche in scienze della natura)  
 69/S (specialistiche in scienze della nutrizione umana)  
 74/S (specialistiche in scienze e gestione delle risorse rurali e forestali)  
 77/S (specialistiche in scienze e tecnologie agrarie)  
 78/S (specialistiche in scienze e tecnologie agroalimentari)  
 79/S (specialistiche in scienze e tecnologie agrozootecniche)  
 80/S (specialistiche in scienze e tecnologie dei sistemi di navigazione)  
 81/S (specialistiche in scienze e tecnologie della chimica industriale)  
 82/S (specialistiche in scienze e tecnologie per l'ambiente e il territorio)  
 85/S (specialistiche in scienze geofisiche)  
 92/S (specialistiche in statistica per la ricerca sperimentale)  
 SNT\_SPEC/2 (specialistiche nelle scienze delle professioni sanitarie della riabilitazione)  
 SNT\_SPEC/3 (specialistiche nelle scienze delle professioni sanitarie tecniche)  
 SNT\_SPEC/4 (specialistiche nelle scienze delle professioni sanitarie della prevenzione)

**Foreign degree**

Master level degree declared equivalent or requested by the candidate to be validated as equivalent to any of the above reported Italian degrees

<b>QUALIFICATIONS, CURRICULUM AND INTERVIEW</b>				
<b>SELECTION PROCEDURES</b>	EVALUATION OF ACADEMIC AND SCIENTIFIC QUALIFICATIONS	Up to 60 points	<p><u>Documents to be uploaded in the application form for the evaluation of academic and scientific qualifications:</u></p> <ul style="list-style-type: none"> <li>✓ Curriculum vitae</li> <li>✓ Self-certification of attainment of the qualification (date and place of attainment, transcripts of records including the exams marks)</li> <li>✓ Reference letters from scholars belonging to other institutions than the University of graduation</li> <li>✓ Dissertation thesis</li> <li>✓ List of publications</li> <li>✓ List of conference presentations</li> <li>✓ Scholarships, awards, attendance to courses, Masters, Erasmus or staying abroad, work experience, etc.</li> <li>✓ Proposal for a PhD research project (max 5000 characters)*</li> </ul>	*The research project illustrated in the proposal does not necessarily represent the research to be developed during the Ph.D. itself. In case of admission, the Ph.D. research project to be effectively carried out will be defined and approved during the first year of course.
	INTERVIEW	From 40 points up to 60 points**	Presentation and discussion of the proposed Ph.D. research project by the candidate, aiming at ascertaining the aptitude to scientific research and the general knowledge about the topics characterizing the selected <i>Curriculum</i> .	** An evaluation for the interview below 40 points is considered as fail, and the applicant will not be included in the final ranking list of candidates for the Ph.D. positions..
<b>CALENDAR</b>	INTERVIEW	<p><b>DATE: 11<sup>th</sup> of October 2019</b>  <b>AT: 09:00 am</b></p> <p>The applicants, who are resident abroad, may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected through video-conference to be identified by the examination board</p>		Location: <b>Room 108/Building E1 – University of Salerno</b>
	LANGUAGE	<b>English</b>		
<b>THEMES FOR THE RESEARCH PROJECT PROPOSAL</b>	<p style="text-align: center;"><b>Chemical Engineering curriculum</b></p> <p>Themes for the positions with scholarship funded by the University and self-funded positions:</p> <ul style="list-style-type: none"> <li>• Innovative catalytic formulations for photo-assisted chemical reactions;</li> <li>• Processes assisted by supercritical fluids, to produce nanoporous and nanofibrous materials;</li> <li>• Realization and characterization of oxide-based heterostructures for excitonic applications;</li> <li>• Design and production of polymeric membranes through the electrospinning process;</li> <li>• Edible films based on hydroxyapatite functionalized by bioactive compounds and/or bacteriophage for food shelf life extension;</li> <li>• Innovative structured catalysts susceptible to microwaves for intensification of chemical processes.</li> </ul> <p>Themes for the positions with scholarship funded by Departmental funds:</p> <ul style="list-style-type: none"> <li>• New technologies for improving energy efficiency and environmental impact;</li> <li>• Structured catalysts for intensifying COS hydrolysis at low temperatures;</li> <li>• A technology platform for the sustainable recovery and advanced use of nanostructured cellulose from agro-food residues.</li> </ul>			

Furthermore, the following themes, for which fundings have been requested and whose approval is still pending, might become available:

- Relationship between properties and structure in objects obtained by injection molding: increased sustainability in industrial production (this scholarship requires 6 months spent at the partner company Sapa S.p.A and 3 months at the University of Leoben, Austria).

Themes for the positions without scholarship for “Dottorato Executive”:

- Functionalization of the pasta by incorporation of active ingredients of natural origin;
- Innovative catalytic systems for the abatement of pollutants from combustion processes;
- Study of new processes based on cold plasma for biomass treatment.

Themes for the positions, without scholarships, within the frame of the Mathegram Project, and reserved for holders of MSCA post-doc grants:

- The effect of temperature on powder flowability and spreadability for additive manufacturing;
- Heat transfer in selective laser sintering.

#### **Electronic Engineering curriculum**

Themes for the positions with scholarship funded by the University and self-funded positions:

- Analysis of multilayer structures at optical wavelengths and terahertz frequency range;
- Innovative strategies for voltage regulation on distribution networks in the presence of distributed generation, electric vehicles and storage systems;
- Electronic circuits and pervasive integrated systems for industry, the environment and society;
- Low power electronic circuits and systems for digital signal processing.

Themes for the positions with scholarships funded by Departmental funds:

- Design methods, control and evaluation of powertrain performance for electric vehicles.

#### **Mechanical Engineering curriculum**

Themes for the positions with scholarship funded by the University, including the one reserved for Italian citizens or foreigners who have obtained their degree abroad, and self-funded positions;

- Blockchain and new organizational models for innovation management in supply chains;
- Additive Manufacturing of metals by means of powder-bed technology: simulation and monitoring of the process with zero-defects approach;
- Innovative models for the integration of human factor, environment and new technologies to improve performance of manufacturing systems;
- Sound generation and fluid dynamic instabilities;
- Virtual and physical prototyping as instruments to support neurosurgery training.



**Ph.D. PROGRAM IN INFORMATION ENGINEERING**  
**DIRECTOR: PROF. PASQUALE CHIACCHIO**

The Ph.D. Program in Information Engineering is addressed to qualified students wishing to acquire research and analytical skills at an international level about the generation, distribution, analysis, and use of information, data, and knowledge in systems. Information Engineering is used widely in all industries and comes from the merging of areas from computer, control, electronic and telecommunications engineering. Possible research areas concern the analysis, design, and performance optimization of computer systems, electronic systems, telecommunication systems and networks, and control systems.

The Program consists of a research component and a taught component, normally studied in parallel. The taught component offers general research skills (linguistic skills, management of research, and exploitation of innovation), introductory modules for the broader area of studies as well as specialized lectures and seminars on research topics. The research component is conducted under the supervision of one or more members of academic staff guiding the student through the research activities. Students might be included in national and international research projects, also in cooperation with companies and/or other universities or research centers.

<b>HOME DEPARTMENT:</b>		Ingegneria dell'Informazione, Elettrica e Matematica Applicata (Information and Electrical Engineering, and Applied Mathematics)	
<b>COURSE DURATION:</b>		Three years	
<b>NUMBER OF POSITIONS: 9</b>	Scholarships funded by University	4	Topics will be assigned by the Steering Board taking into account on-going research activities and students' competencies.
	Scholarships funded by University reserved to applicants who obtained their master degree abroad	1	Topics will be assigned by the Steering Board taking into account on-going research activities and students' competencies.
	Scholarships funded by Universidad Catolica de Colombia reserved to its employees	1	Topics will be assigned by the Steering Board taking into account on-going research activities and students' competencies.
	Scholarships funded by the Department (European Project "H2020 Graphene Core2")	1	Topic: Robust Design of graphene-based devices
			One further scholarships possible (see addendum below *)
	Positions without scholarship	2	Topics will be assigned by the Steering Board taking into account on-going research activities and students' competencies.
<b>ADMISSION REQUIREMENTS</b>	Master degree		
<b>SELECTION AND ADMISSIONS</b>  (To be eligible, candidates must reach 60points, as a minimum)	<b>EVALUATION AND INTERVIEW</b>		
	<b>EVALUATION</b>	Up to 40 points	<u>Evaluable items:</u> ✓ Curriculum Vitae ✓ Graduation grade ✓ Reference letters by scholars not from the University of origin ✓ Publications ✓ Any other documentation regarding qualifications and research experience
			Curriculum Vitae must include the list of exams taken during the degree and the master degree, with all the obtained marks and main contents of attended courses (including links to official websites, or attached official documents, with the syllabuses of the courses)

	INTERVIEW	Up to 60 points	<p>Candidates must demonstrate</p> <ul style="list-style-type: none"> <li>✓ knowledge of relevant topics in Computer Engineering, Electronic Engineering, Control Engineering, and Telecommunication Engineering</li> <li>✓ analytical skill</li> <li>✓ knowledge of the English language</li> </ul> <p>During the interview, candidates can be asked to complete a written test.</p>	<p>During the interview, candidates will have 10 minutes to introduce him/herself and to explain his/her motivations to pursue a Ph.D. in Information Engineering.</p>
<b>CALENDAR OF EXAMINATIONS:</b>	INTERVIEW:	<p><b>DATE: October 31<sup>st</sup>, 2019</b>  <b>AT: 9.30 a.m. (Rome time)</b></p> <p>Only candidates resident abroad may ask to be interviewed remotely with videoconferencing free applications, e.g. SKYPE, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their identity for the videoconference, their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee</p>		<p>LOCATION:  Department of Information and Electrical Engineering and Applied Mathematics</p>
	LANGUAGE:	ENGLISH		
<b>START OF THE PH.D. PROGRAM</b>	<p>November 1<sup>st</sup>, 2019.  Only foreign students who have difficulties in getting their VISA may ask for a late beginning of their activities.</p>			
<b>OTHER INFORMATION</b>	<p>Knowledge of the Italian language is not mandatory. An introductory Italian language course will be offered to non-Italian students.</p> <p>Courses will be held in English Language.</p> <p>Enrolled Ph.D. students might access to the University facilities like cafeteria and residences (refer to <a href="https://web.unisa.it/en/campus-life">https://web.unisa.it/en/campus-life</a> for further information).</p> <p>Net scholarships are about 15.343,28 euros per year (for sake of comparison in Italy an Assistant Professor or RTD-A has a net salary of about 21.000 euros for year).</p> <p>Each enrolled student, even without scholarship, has a sum of 3.000,00 euros available for his/her research needs (including travels for participation to conferences).</p> <p>Periods of activity at foreign institutions are funded with a scholarship of about 500,00 euros per month (even students without doctorate scholarship).</p> <p>Additional funding for research needs is possible if the student is included in on-going funded research projects.</p> <p>Students will be assigned a working location (usually, in the Department laboratories) and guaranteed access to computing facilities.</p>			

**\* Addendum**

The funding of one additional grants has been requested to INPS. This grant has a pre-defined research object and involves a period of activity with a national company and a foreign research center. The request is under evaluation. The requested additional grant is

	Topic	Company	Foreign research center
1	Methodologies and techniques for the automatic transcription of handwritten documents of historical-cultural interest	N.I.Te. - Penta (SA)	Technische Universitat Dortmund (Germany)



**Ph.D. SCHOOL IN "LEGAL SCIENCES"  
DIRECTOR: PROF: GEMINELLO PRETEROSI**

<b>HOME DEPARTMENT:</b>		Department of Legal Sciences		
<b>COURSE DURATION:</b>		Three years		
<b>CURRICULUM:</b>		<ol style="list-style-type: none"> <li>1. Public Law</li> <li>2. International- European-Comparative Law</li> <li>3. Civil Law</li> <li>4. Legal History and Philosophy of Law</li> </ol>		
<b>NUMBER OF POSITIONS:</b>	Scholarships funded by University	7	Any of the topics of interest of the PhD program	n° 2 for the curriculum 1 n° 1 for the curriculum 2 n° 2 for the curriculum 3 n° 2 for the curriculum 4
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	1	Any of the topics of interest of the PhD program	for the curriculum 2
	Self-Funded	2	Any of the topics of interest of the PhD program	n° 1 for the curriculum 2 n° 1 for the curriculum 4
<b>ADMISSION REQUIREMENTS</b>		Master Degree in any of the topics of interest of the PhD program		
<b>RESUME EVALUATION AND INTERVIEW</b>				
<b>SELECTION AND ADMISSIONS</b>	RESUME EVALUATION	Up to 60 points	<b>QUALIFICATIONS:</b> ✓ Curriculum Vitae, reporting the examination marks achieved for each course ✓ Degree grade ✓ Degree thesis ✓ Academic reference letters by scholars from universities other than own alma mater ✓ Research proposal ✓ Certified language skills and competences ✓ Scientific publications ✓ Any research experience	Degree thesis, scientific publications and research proposal may be sent in electronic format, on a CD-ROM to be mailed together to all other documents  <b>Only candidates that achieve not less than 30 points will be admitted to the interview</b>
	INTERVIEW	From 40 points up to 60 points		
<b>CALENDAR OF EXAMINATIONS:</b>	INTERVIEW:	<b>DATE: October 10<sup>th</sup>, 2019, h. 10.00</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee		LOCATION: DEPARTMENT OF LEGAL SCIENCE
	LANGUAGE:	ITALIAN OR ENGLISH		
<b>EXAMINATION TOPICS:</b>	discussion about qualifications (particularly, degree thesis and research proposal); topics of relevance for the doctoral curriculum selected by the applicant; assessment of education and skills in the research area covered by the doctoral curriculum selected by the applicant			



**Ph.D. SCHOOL IN "BIG DATA MANAGEMENT"**  
**DIRECTOR: PROF. VALERIO ANTONELLI**

<b>HOST DEPARTMENT:</b>		MANAGEMENT & INNOVATION SYSTEMS (SCIENZE AZIENDALI - DISA-MIS)	
<b>COURSE DURATION:</b>		Three years	
<b>NUMBER OF POSITIONS:</b>	Funded by University	<b>4</b>	
	Funded by the University and reserved to Italian citizens or foreigners who have obtained a master degree abroad	<b>1</b>	
	Funded by Colella Group S.r.l. - Naples	<b>1</b>	
	Funded by TE.C.S. S.r.l.	<b>1</b>	
	Self-Funded - Executive PhD Programme - Eustema S.p.A.	<b>3</b>	
	Self-Funded - Executive PhD Programme - Indexya S.r.l.	<b>1</b>	
	Self-Funded	<b>2</b>	
<b>ADMISSION REQUIREMENTS</b>	Master degree		
<b>SELECTION AND ADMISSIONS</b>	<b>RESUME EVALUATION (PROFILE, INTERVIEW, RESEARCH PROJECT)</b>		
	RESUME EVALUATION	Up to 60 points	<p><u>Qualifications:</u></p> <p><b>A.</b> Graduation mark</p> <p><b>B.</b> Letters of presentations by scholars based outside the University of Salerno</p> <p><b>C.</b> Publications</p> <p><b>D.</b> Qualifications, including other academic titles</p> <p><b>E.</b> Job experiences related to the PhD course domain or interconnected competences</p> <p><b>F.</b> Evidences about competences in Management, Accounting, Marketing, Finance, Law and Computer Science</p> <p align="right">Overall score: up to 25 points</p>
			<p>The following will be subject to specific assessment:</p> <ul style="list-style-type: none"> <li>- the coherence of the research domain and the contents of the PhD course;</li> <li>- the presence of management (or legal) and computer science contents, jointly considered.</li> </ul> <p align="right">Overall score: up to 35 points.</p>

	INTERVIEW	From 40 to 60 points	<p>The interview is aimed to assess the knowledge about the issues related to the “data management for business decision making process” and the “foundations of business administration and management”.</p> <p>During the interview, the Statement of Research Interests will be discussed and evaluated considering the basic research questions and the potential theoretical and practical contribution. The statement document must present a clear, compelling, and realistic research agenda that should fit well with the needs, initiatives, and goals of the PhD course.</p> <p>Candidates whose assessment of the qualifications do not reach at least 20 points will not be admitted to the interview.</p> <p>Anyone who achieves a score less than 40 points at the interview will not be considered to be usefully classified.</p>
<b>CALENDAR OF EXAMINATIONS:</b>	INTERVIEW	DAY and TIME: <b>October 15<sup>th</sup> 2019.</b> 09:30 a.m. (Rome time)	Venue: DEPARTMENT OF MANAGEMENT & INNOVATION SYSTEMS (SCIENZE AZIENDALI - DISA-MIS)
	LANGUAGE:	ENGLISH	
<b>DETAILS</b>	<p>Curriculum vitae, documents or publications which are in a different language from Italian, English, French, Spanish or German, must be accompanied by their translation (certified as authentic) into English or Italian.</p> <p>The final mark of the academic degree must result from the official document (degree certificate) or from a substitute declaration of certification, according to the Decree of the President of the Italian Republic 445/2000 and agreeing with articles 46 and 47.</p> <p>The signed curriculum vitae should contain the substitute declaration of certification, according to the Decree of the President of the Italian Republic 445/2000 and agreeing with articles 46 and 47, which should certify the possession of all the titles included in the curriculum vitae.</p> <p>If the publications are in a language other than Italian, English, French, Spanish or German, they must be translated into one of the above mentioned languages and the translation must be certified and legalized as a true copy.</p> <p>If the titles and the publications are presented as a copy instead of the original documents, a declaration of certification substitute of the attested affidavit should be enclosed in which the compliance with the original documents is certified.</p> <p>The applicant who are resident abroad are allowed to have the interview via Skype. To this end, it is necessary to send the skype account as well as the valid identity document card (in the pdf file) to the following emails address: <a href="mailto:fdinanna@unisa.it">fdinanna@unisa.it</a>, <a href="mailto:gtirendi@unisa.it">gtirendi@unisa.it</a>. On the day and hour set for the skype call, the candidate must be connected and identified.</p>		

#### **EXECUTIVE PHD POSITIONS – EUSTEMA S.p.A.**

##### **Profile A**

The scholarship is dedicated to the EUSTEMA permanent employees.

##### **Project**

The research project scope is on the study of the Natural Language Processing (NLP) methods and technologies defining appropriate approaches for their applications in the field of Big Data in order to obtain knowledge from unstructured data by representing it in a structured form.

Such knowledge will be provided to decision support systems into different application domains such as, for instance, the legal documents analysis.

**External Training (at the University)**

The PhD student will attend the courses provided by the PhD Program of “Big Data Management” and others belonging to the following areas:

Machine Learning  
 Decisions Support Systems  
 Inferential Statistics  
 Big Data Analytics Architectures and Systems

**Title/Topic Thesis**

Natural Language Processing and Big Data.

**Profile B**

The scholarship is dedicated to the EUSTEMA employees with apprenticeship contract.

**Project**

The research project scope is on the study of the data stream mining methods and technologies that means the ability to extract information from a structured or semi-structured continuous data stream.

The main goal is to study the possibility of defining a distributed agent-based model where the agents work together in order to improve and grow up automatically the knowledge graph, to support decisional processes in critical scopes.

**External Training (at the University)**

The PhD student will attend the courses provided by the PhD Program of “Big Data Management” and others belonging to the following areas:

Machine Learning  
 Decisions Support Systems  
 Inferential Statistics  
 Big Data Analytics Architectures and Systems

**Title/Topic Thesis**

Data stream mining to improve the knowledge graph.

**Profile C**

The scholarship is dedicated to the EUSTEMA permanent employees.

**Project**

The research project scope is on the study of the methods, technologies and tools for data scientist in order to define an operational methodology for "Big Data Predictive Analysis".

In other words, this study aims at building a framework that is able to support different projects in the field of "Predictive Analysis", throughout the sequential, massive and heterogeneous data analysis.

**External Training (at the University)**

The PhD student will attend the courses provided by the PhD Program of “Big Data Management” and others belonging to the following areas:

Machine Learning  
 Massive Data Mining  
 Inferential Statistics  
 Big Data Analytics Architectures and Systems

**Title/Topic Thesis**

Big Data Predictive Analysis.

**EXECUTIVE PHD POSITION – INDEXYA S.R.L.****Profile**

Indexya S.r.l. employee with apprenticeship contract.

**Project**

The scope of the research project is the study of methodologies and tools of focused crawling and knowledge extraction big-data oriented in support of Cyber Intelligence and Cyber Security services and systems. The objective is to create an interactive system where the expert is capable of working with structured and unstructured sources, feeding and analyzing a knowledge graph.

**External Training (at the University)**

In addition to the institutional courses of the PhD Program of “Big Data Management” the Ph.D. student will follow the courses as indicated by the college of teachers chosen in the areas of interest:

Machine Learning  
 Decision Support Systems  
 Inferential Statistics  
 Architectures for Big Data Analytics  
 Any periods spent at the Company will be agreed later

**Title/Topic Thesis**

Methods and tools for Cyber Intelligence and Cyber Security.

**POSITION FUNDED BY COLELLA GROUP S.R.L. (Naples)**

The research project the PhD student should develop, particularly by his/her PhD thesis, is entitled: "Blockchain and artificial intelligence in defence of the Made in Italy". To perform the project, a twelve months period should be spent in the firm. Such period shall be planned taking into account teaching activities.

**POSITION FUNDED BY TE.C.S. (TEchnology Company Service) S.R.L. (Naples)**

The research project the PhD student should develop, particularly by his/her PhD thesis, is entitled: "Smart Cities and Big Data". To perform the project, a twelve months period should be spent in the firm. Such period shall be planned taking into account teaching activities.

**POSITIONS EVENTUALLY FUNDED BY POR CAMPANIA**

Applications are going to be submitted to PhD fellowships POR FSE 2014/2020 Regione Campania. In the event of applications being accepted, various PhD positions will be available for the profiles that will be indicated in the announcement of the Campania Region and in the applications. In the case the additional PhD positions will be granted by the Campania Region, the list of the applications submitted and the requirements for the evaluation of the candidates who can aspire to such scholarships will be detailed, in accordance with the above-mentioned form, by the examination commission at the preliminary meeting and communicated to the candidates at the beginning of the interview.

<b>Ph.D. IN: ECONOMICS AND POLICY ANALYSIS OF MARKETS AND FIRMS</b>			
<b>DIRECTOR: PROF. ALESSANDRA AMENDOLA</b>			
<b>HOME DEPARTMENT:</b>		ECONOMICS AND STATISTICS (SCIENZE ECONOMICHE E STATISTICHE DISES)	
<b>COURSE DURATION:</b>		THREE-YEAR	
<b>CURRICULUM:</b>		a) LAW AND THE GLOBAL MARKET b) ECONOMICS OF THE PUBLIC SECTOR c) MARKETING MANAGEMENT d) STATISTICAL METHODS	
<b>NUMBER OF POSITIONS:</b>	Funded by University	<b>5</b>	of which n° 2 to curriculum a n° 1 to curriculum b n° 1 to curriculum c n° 1 to curriculum d
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	to curriculum b
	Scholarship funded by Universidad Católica de Colombia and reserved to academics and administrative staff of Universidad Católica de Colombia	<b>1</b>	to curriculum b
	Self-Funded	<b>2</b>	of which n°1 to curriculum b n° 1to curriculum c
	Self-Funded Executive	<b>2</b>	of which n°1 to curriculum c Automaster srl n° 1to curriculum d CEDEL
<b>ADMISSION REQUIREMENTS</b>	Laurea v.o.: no class restriction Laurea Specialistica: no class restriction Laurea Magistrale: no class restriction Non Italian title: equivalent to the above		
<b>SELECTION AND ADMISSIONS</b>	<b>RESUME, EVALUATION AND INTERVIEW</b>		
	RESUME EVALUATION	Up to 60 points	Evaluable qualifications: ✓ Curriculum vitae related to the subjects of the Ph.D; ✓ Previous degrees' marks; ✓ letters of presentation from scholars based outside the University of origins ✓ Research project
	INTERVIEW	From 40 points up to 60 points	Presentation and discussion of the research proposal; basic knowledge of the subjects related to the selected Curriculum.
INTERVIEW	<b>DATE: 9<sup>th</sup> October 2019</b> <b>AT: 11.00 a.m</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email		Venue: Department of Economics and Statistics – University of Salerno

		address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	
	LANGUAGE:	English	



<b>PhD Programme in Linguistic, Literary and Historical Studies</b>				
<b>DIRECTOR: PROF. CARMINE PINTO</b>				
<b>Administration:</b>			Department of Humanities	
<b>Course duration:</b>			3 years	
<b>CURRICULA:</b>			<ol style="list-style-type: none"> <li>1. Curriculum in Literary Studies</li> <li>2. Curriculum in Linguistic Studies</li> <li>3. Curriculum in Historical Studies</li> <li>4. International Curriculum in Modern and Contemporary Literary and Historical Studies</li> </ol>	
<b>Places available:</b>	Scholarships funded by University	<b>5</b>		n° <b>2</b> for the curriculum <b>1</b> n° <b>1</b> for the curriculum <b>2</b> n° <b>2</b> for the curriculum <b>3</b>
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>		for the curriculum <b>4</b>
	Self-Funded	<b>2</b>		n° <b>1</b> for the curriculum <b>1</b> n° <b>1</b> for the curriculum <b>2</b>
<b>Admission requirements for the selection:</b>	<p>Laurea V.O. titoli equipollenti alle lauree Magistrali e Specialistiche sotto elencate</p> <p>LM-1 Antropologia culturale ed etnologia            LM-5 Archivistica e biblioteconomia            LM-11 Scienze per la conservazione dei beni culturali            LM-14 Filologia moderna            LM-15 Filologia, letterature e storia dell'antichità            LM-36 Lingue e letterature dell'Africa e dell'Asia            LM-37 Lingue e letterature moderne europee e americane            LM-38 Lingue moderne per la comunicazione e la cooperazione internazionale            LM-39 Linguistica            LM-43 Metodologie informatiche per le discipline <i>umanistiche</i>            LM-52 <i>Relazioni internazionali</i>            LM-57 <i>Scienze dell'educazione degli adulti e della formazione continua</i>            LM-59 <i>Scienze della comunicazione pubblica, d'impresa e pubblicità</i>            LM-62 <i>Scienze della politica</i>            LM-65 <i>Scienze dello spettacolo e produzione multimediale</i>            LM-84 <i>Scienze storiche</i>            LM-85 <i>Scienze pedagogiche</i>            LM-90 <i>Studi europei</i>            LM-92 <i>Teorie della comunicazione</i>            LM-94 <i>Traduzione specialistica e interpretariato</i></p> <p>LM/DS <i>Scienze della difesa e della sicurezza</i>            LM-85 bis <i>Scienze della formazione primaria</i>            LM-85 bis, <i>Scienze della formazione primaria</i>            LM-85 bis. <i>Scienze della formazione primaria</i>            LM-85 bis: <i>Scienze della formazione primaria</i>            LM-14. <i>Filologia moderna (abilitazione A043)</i>            LM-37. <i>Lingue e letterature moderne europee e americane (abilitazione A045)</i>            5/S (<i>specialistiche in archivistica e biblioteconomia</i>)            13/S (<i>specialistiche in editoria, comunicazione multimediale e giornalismo</i>)            15/S (<i>specialistiche in filologia e letterature dell'antichità</i>)</p>			

	<p>16/S (specialistiche in filologia moderna)  21/S (specialistiche in geografia)  24/S (specialistiche in informatica per le discipline umanistiche)  39/S (specialistiche in interpretariato di conferenza)  40/S (specialistiche in lingua e cultura italiana)  41/S (specialistiche in lingue e letterature afroasiatiche)  42/S (specialistiche in lingue e letterature moderne euroamericane)  43/S (specialistiche in lingue straniere per la comunicazione internazionale)  44/S (specialistiche in linguistica)  60/S (specialistiche in relazioni internazionali)  65/S (specialistiche in scienze dell'educazione degli adulti e della formazione continua)  73/S (specialistiche in scienze dello spettacolo e della produzione multimediale)  87/S (specialistiche in scienze pedagogiche)  94/S (specialistiche in storia contemporanea)  98/S (specialistiche in storia moderna)  99/S (specialistiche in studi europei)  104/S (specialistiche in traduzione letteraria e in traduzione tecnico-scientifica)</p>		
<b>Exams and procedures:</b>	<b>QUALIFICATIONS, CURRICULUM AND INTERVIEW</b>		
	Qualification evaluation	Up to 60 points	<u>Qualifications:</u> ✓ Curriculum; ✓ Graduation mark; ✓ Research project; ✓ Other
	Interview	From 40 points up to 60 points	Scholarship funded by the University and reserved to Italian citizens or foreigners who have obtained a degree abroad
	Interview:	<b>DATE: 8 october 2019</b> <b>AT: 9,30</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	Place: <b>Dipartimento di Studi Umanistici</b>
<b>Exam topics:</b>	Curriculum in Literary Studies: The research project (at least 1,000 words, excluding bibliography) is to be written in Italian or, alternatively, in one of the languages related to the curriculum (French, English, Spanish, or German). It must be attached to the application. (N.B. Research projects in Italian Literature are to be written in Italian). Curriculum in Linguistic Studies: The research project (at least 1,000 words, excluding bibliography) is to be written in Italian or in one of the languages related to the curriculum (French, English, Spanish, or German). It must be attached to the application. Curriculum in Historical Studies: The research project (at least 1,000 words, excluding bibliography) is to be written in Italian or, alternatively, in English or Spanish. It must be attached to the application.		

	<p>The oral exam is an interview to check the applicant's research skills and competence within the chosen curriculum, and to test his/her proficiency in at least one foreign language.</p> <p>Applicants specialised in foreign languages and literature need to be proficient in at least two foreign languages.</p> <p>International Curriculum in Modern and Contemporary Literary and Historical Studies: The research project (at least 1,000 words, excluding bibliography) is to be written in Italian or, alternatively, in one of the languages related to the curriculum (French, English, Spanish, or German). It must be attached to the application.</p>
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**Ph.D. SCHOOL IN "Research and studies in Late Antiquity,  
Middle Ages and Humanism, Salerno (RAMUS)"  
DIRECTOR: PROF. GIULIO D'ONOFRIO**

<b>HOME DEPARTMENT:</b>		Department of cultural heritage (DISPAC)	
<b>COURSE DURATION:</b>		Three years	
<b>CURRICULUM:</b>		<b>1.</b> Philological and Historical Sciences of Middle Ages and Late Antiquity <b>2.</b> Philosophy of Antiquity, Late Antiquity, Middle Ages and Humanism (FITMU)	
<b>NUMBER OF POSITIONS:</b>	Funded by University	<b>4</b>	Divided in: n° <b>2</b> for the curriculum n. <b>1</b> n° <b>2</b> for the curriculum n. <b>2</b>
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	for the curriculum n. <b>2</b>
	Self-Funded	<b>1</b>	for the curriculum n. <b>1</b>
<b>ADMISSION REQUIREMENTS CURRICULUM <u>1</u></b>	Master degree: equivalent master's degree to the Lauree Magistrali below mentioned		
	<p>Laurea Magistrale:  LM-2 Archeologia  LM-11 Scienze per la conservazione dei beni culturali  LM-14 Filologia moderna  LM-15 Filologia, letterature e storia dell'antichità  LM-64 Scienze delle religioni  LM-84 Scienze storiche  LM-85 Scienze pedagogiche  LM-89 Storia dell'arte  LMR/02 Conservazione e restauro dei beni culturali</p> <p>Laurea Specialistica:  2/S Archeologia  12/S Conservazione e restauro del patrimonio storico-artistico  15/S Filologia e letterature dell'antichità  16/S Filologia moderna  72/S Scienze delle religioni  93/S Storia antica  95/S Storia dell'arte  97/S Storia medievale</p> <p>Foreign Degree: equivalent master's degree (DIM 9.12.2009), included licentiate's degree at Pontifical universities</p>		
<b>ADMISSION REQUIREMENTS CURRICULUM <u>2</u></b>	Master degree: equivalent master's degree to the Lauree Magistrali below mentioned		
<p>Laurea Magistrale:  LM-14 Filologia moderna  LM-15 Filologia, letterature e storia dell'antichità  LM-64 Scienze delle religioni  LM-78 Scienze filosofiche  LM-84 Scienze storiche  LM-85 Scienze pedagogiche</p> <p>Lauree specialistiche  15/S Filologia e letterature dell'antichità  16/S Filologia moderna</p>			

	<p>17/S Filosofia e storia della scienza  18/S Filosofia teoretica, morale, politica ed estetica  72/S Scienze delle religioni  96/S Storia della filosofia  97/S Storia medievale</p> <p>Titoli di studio stranieri: titoli comparabili alle Lauree elencati (compresa la licenza presso le Università Pontificie) in ambiti di studio riconosciuti come corrispondenti a quelli indicati nel presente elenco.</p> <p>Foreign Degree: equivalent master's degree (DIM 9.12.2009), included licentiate's degree at Pontifical universities</p>			
<b>SELECTION AND ADMISSIONS</b>	<b>Assessment qualifications, written examination, oral examination</b>			
	<b>ASSESSMENT QUALIFICATIONS</b>	Up to 60 points	<ul style="list-style-type: none"> <li>✓ Curriculum Vitae;</li> <li>✓ Degree grade;</li> <li>✓ A letter of presentation by a university professor or researcher from other institution than University of Origins</li> <li>✓ Research proposal</li> <li>✓ Any other documentation of qualification and/or research experience</li> </ul>	
	<b>WRITTEN EXAMINATION</b>	From 40 points up to 60 points		<p>1. First part: a) Multiple choice test; or b) translation from Latin or Greek; or c) interpretation and comment of a text of the period of interest of the chosen curriculum</p> <p>2. Second part: a) Essay on a topic concerning subject matters of the curriculum; or b) comment of the translation from Latin or Greek given in the First part</p> <p>The written examination must be held in Italian. Only candidates with a score up to 40 are admitted to the oral examination.</p>
	<b>ORAL EXAMINATION</b>	From 40 points up to 60 points		<p>1. Assessment of candidates' knowledge about general aspects of the topics of interest of the chosen curriculum</p> <p>2. Assessment of individual research proposal</p> <p>3. Assessment of classical languages knowledge (for all candidates: one classical language between Latin or Greek); for foreign candidates: assessment of Italian knowledge; for Italian candidates: assessment of foreign languages knowledge (one modern language between English, French, Spanish, German).</p> <p>The oral examination may be held in Italian, or, for foreign students, in English</p>
	<b>FOR FOREIGN CANDIDATES</b>	<p>The non-Italian candidates who held a foreign degree AND are resident in a foreign country will take ONLY the oral examination via telematic interview. The doctoral commission prepares two tests for this interview; the first one will be equivalent for content and assignment of the points (from 40 points up</p>		

		to 60 points) to the written examination reserved to the Italian candidates. The interview will be held in the same date of the written examination and the commission will schedule it separately for each candidate.	
<b>CALENDAR OF EXAMINATIONS:</b>	WRITTEN EXAMINATION	DATE <b>14.10.19</b> TIME 11:00 am (Italian time)	LOCATION Curr. 1 Biblioteca di Scienze dell'antichità Curr. 2 Aula FiTMU
	ORAL EXAMINATION	DATE <b>16.10.19</b> TIME 9:00 am (Italian time)	LOCATION Curr. 1 Biblioteca di Scienze dell'antichità Curr. 2 Aula FiTMU
	LANGUAGE	Contextual assessment during the oral examination	
<b>EXAMINATION TOPICS:</b>	<p>The admission examination consists of the assessment of candidates' general knowledge concerning all the topics (regarding both thematics and chronology) of the chosen curriculum.</p> <p>The examination topics of both curricula and the articulation of the first part of the written test are going to be specified in detail on Unisa website (and on RAMUS Phd school's website); a reference bibliography will be added as well.</p>		





Ph.D. SCHOOL IN "Methods and methodology in archaeological and history of art research" DIRECTOR: PROF. STEFANIA ZULIANI				
HOME DEPARTMENT:			Department of Cultural Heritage	
COURSE DURATION:			Three years	
CURRICULUM:			<b>1.</b> Classical and Landscape Archaeology, Geographical research. <b>2.</b> Art History, Aesthetics, Image and Visual Languages.	
NUMBER OF POSITIONS:	Funded by University	4	Any topic concerning the PhD research's fields	n° 2 Classical and Archaeology, Geographical research curriculum; n° 2 Art History, Aesthetics, Image and Visual Images curriculum
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	1	Any topic concerning the PhD research's fields	for the curriculum 2
	Self-Funded	1	Any topic concerning the PhD research's fields	for the curriculum 2
ADMISSION REQUIREMENTS	Master Degree LM-2 Archeologia LM-10 Conservazione dei beni architettonici e ambientali LM-11 Scienze per la conservazione dei beni culturali LM-15 Filologia, letterature e storia dell'antichità LM-65 Scienze dello spettacolo e produzione multimediale LM-78 Scienze filosofiche LM-80 Scienze geografiche LM-84 Scienze storiche LM-89 Storia dell'arte  LMR/02 Conservazione e restauro dei beni culturali 2/S (specialistiche in archeologia)  10/S ( specialistiche in conservazione dei beni architettonici e ambientali ) 12/S (specialistiche in conservazione e restauro del patrimonio storico-artistico) 15/S (specialistiche in filologia e letterature dell'antichità) 18/S (specialistiche in filosofia teoretica, morale, politica ed estetica ) 73/S (specialistiche in scienze dello spettacolo e della produzione multimediale) 93/S (specialistiche in storia antica) 95/S (specialistiche in storia dell'arte) 96/S (specialistiche in storia della filosofia)			
SELECTION AND ADMISSIONS	⊙ RESUME EVALUATION AND INTERVIEW			
	RESUME EVALUATION	Up to 60 points	Titles: ✓ Curriculum Vitae; ✓ Degree grade; ✓ Letters of presentation by scholars working in Universities or Institutions different from the University of origin ✓ Research proposal ✓ Any other documentation of qualification and/or research experience	
	INTERVIEW	from 40 up to 60 points		
CALENDAR OF EXAMINATIONS:	INTERVIEW:	DATE: October 14, 2019 AT: 10 a.m.(Italian Time)		LOCATION: Ph. D. Hall of, <b>Methods and</b>

		Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the ID. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee.	<b>methodology in archaeological and history of art research”DISPAC (C 1)</b>
	LANGUAGE:	ENGLISH	
<b>EXAMINATION TOPICS:</b>	Curriculum a: methods and themes regarding archaeology included landscape and geographical research; presentation and discussion of the research project. Curriculum b: methods and themes regarding Art History, Aesthetics, Image and Visual Languages; presentation and discussion of the research project.		
<b>NOTES</b>	<ul style="list-style-type: none"> <li>• It is recommended a level of English Language B2 or plus.</li> <li>• Students attending the PhD Course must follow a free English Language Course (level C1) according to a schedule released by our Center for Languages.</li> <li>• PhD Course includes monthly teaching activities according to the policy of the PhD’s scientific board.</li> </ul>		

**Ph.D. SCHOOL IN "Language sciences, society, politics and education"**

**DIRECTOR: PROF. FILIPPO FIMIANI**

<b>HOME DEPARTMENT:</b>		Department of Political and Communication Sciences (DISPC)		
<b>OTHER INSTITUTION</b>		Universidad Católica de Colombia (BOGOTA')		
<b>COURSE DURATION:</b>		Three years		
<b>CURRICULUM:</b>		<ol style="list-style-type: none"> <li>1. Communication Sciences</li> <li>2. Sociology, Theory and History of Institutions</li> <li>3. Educational research Methodology</li> <li>4. Didactic corporality, technologies and inclusion</li> </ol>		
<b>NUMBER OF POSITIONS:</b>	Scholarships funded by University	6	Any topic of interest for the PhD program	To whom n° 2 to curriculum a n° 1 to curriculum b n° 1 to curriculum c n° 2 to curriculum d
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	1	Any topic of interest for the PhD program	to Curriculum b
	Scholarship funded by Universidad Católica de Colombia and reserved to academics and administrative staff of Universidad Católica de Colombia	2	Any topic of interest for the PhD program	to Curriculum b
	Scholarship funded by Universidad Católica de Pereira and reserved to academics and administrative staff of Universidad Católica de Pereira	5	Any topic of interest for the PhD program	To whom n° 2 to curriculum a n° 2 to curriculum b n° 0 to curriculum c n° 1 to curriculum d
	Scholarship funded by Moncada & Barrero sas	2	Any topic of interest for the PhD program	to Curriculum b
	Scholarship funded by Osservatorio Internazionale sul Gioco	1	Any topic of interest for the PhD program	to Curriculum a
	Self funded	5	Any topic of interest for the PhD program	To whom n° 1 to curriculum a n° 1 to curriculum b n° 2 to curriculum c n° 1 to curriculum d
	PhD Executive self funded	5	Any topic of interest for the PhD program	To whom n° 2 to curriculum a <b>Network Contacts S.r.l.</b> <b>React Consulting Srl</b> n° 3 to curriculum d <b>Early Days Autism Center INC.</b> <b>3DIM Service S.N.C. Di D. Coppola E G. Casacchia</b> <b>Techno Design S.R.L.</b>
<b>ADMISSION REQUIREMENTS</b>	Master degree			
<b>SELECTION AND ADMISSION</b>	<b>RESUME EVALUATION AND INTERVIEW</b>			
	RESUME EVALUATION	Up to 60 points	<u>EVALUABLE TITLES:</u> ✓ Curriculum Vitae; ✓ Degree grade; ✓ Raccomandation letters by scholars from other institutions than University of	

			origins ✓ Research proposal (Up to 5 pages) ✓ Publications ✓ Any other documentation of qualification and/or research experience	
	INTERVIEW	From 40 to 60 points		
CALENDAR OF EXAMINATIONS:	INTERVIEW:	<b>DATE: 9<sup>th</sup> October 2019</b> <b>AT: 10:00</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee		LOCATION: Department of Political and Communication Sciences (DISPC)
	LANGUAGE:	ENGLISH - FRENCH - GERMAN - SPANISH		
EXAMINATION TOPICS:	RESEARCH PROJECT AND EDUCATIONAL QUALIFICATIONS PRESENTED			

PhD in SOCIAL THEORY, DIGITAL INNOVATION AND PUBLIC POLICIES			
Director: Prof. LUIGI FREZZA			
<b>Organization:</b>		Department of Political and Social Studies (DISPS)	
<b>Period:</b>		three-years	
<b>Available positions:</b>	Scholarships funded by the University	<b>1</b>	
	Scholarship funded by University and reserved to Italian citizens or foreigners who have obtained a degree abroad	<b>1</b>	
	Scholarship funded by Moncada & Barrero sas	<b>1</b>	
	Scholarship funded by Universidad Nacional Autónoma de Mexico	<b>1</b>	
	Positions without scholarship	<b>1</b>	
	Phd Executive positions without scholarship	<b>3</b>	
		To whom no. 1 ASSONIME Roma no. 1 IMPRESA La Rada Consorzio di Cooperative Sociali S.C.S. no. 1 SODALIS CSV - Salerno	
<b>Qualification required for admission to the competition</b>	"Laurea vecchio ordinamento " or "Laurea Magistrale" or "Laurea Specialistica" or equivalent foreign qualification		
<b>Admission tests</b>	<b>DOCUMENTS, CURRICULUM AND INTERVIEW</b>		
	<b>ASSESSMENT OF QUALIFICATION</b>	Up to 60 scores	Considered documents: ✓ Curriculum; ✓ Graduation marks; ✓ -Letters of presentations by scholars
	<b>INTERVIEW</b>	From 40 up to 60 scores	Topics of the interview: - Curriculum - Titles - Research project - Foreign language knowledge
<b>Admission examination schedule</b>	<b>INTERVIEW:</b>	<b>DATE: 8 october 2019</b> <b>AT: h. 9.30</b>  Only candidates resident abroad may request to be interviewed via Skype, communicating to the email address <a href="mailto:ufforpla@unisa.it">ufforpla@unisa.it</a> their ID-Skype and their personal references, and attaching a PDF file with a copy of the passport. On the day and at the hour set for the interview, the candidate must be connected and must be identified by the Committee	Place: <b>Department of Political and Social Studies (Aula Antonio Santucci)</b>
	Language :	Italian or English	

