



Rectoral Decree No. 296 of 24.07.24

on a competition by way of comparative evaluation for 1 additional place with scholarship funded by ACN (Agency for National Cybersecurity), in order to develop the topic-bound research project: “Cyber Resilience in Supply Chains: Advanced Models for Business Continuity and Disaster Recovery,” as part of the Doctorate in Law and Business XL cycle (a.y. 2024/2025)

#### **THE RECTOR**

- Having regard to the Charter of Luiss Guido Carli;
- Having regard to article 4 of Law No. 210 of 3 July 1998 providing that universities may, by their own rules, regulate the establishment of doctoral programs, including eligibility, the awarding of academic qualifications, educational goals, curricula, duration, fees, attendance, the criteria for awarding scholarships and the amount thereof, and agreements with public and private entities, in conformity with the general criteria and suitability requirements of the locations laid down by ministerial decree;
- Having regard to article 19 of Law No. 240/2010 containing new provisions on research doctorates;
- Having regard to Ministry of Universities and Research (MUR) Decree No. 226 of 14 December 2021 adopting regulations on the accreditation of doctoral program locations and programs and the criteria for establishing doctoral programs by accredited bodies;
- Having regard to the Research Doctorate Regulations of Luiss Guido Carli, approved by the Executive Committee of 9 March, on the proposal of the Academic Senate’s session of 22 February 2022.
- Having regard to the Ministerial Decree n. 247 of 23 February 2022 on the increase of doctoral scholarship.
- Having regard to INPS memo No. 25 of February 11, 2022, having as its subject “Separate Management referred to in Article 2, paragraph 26, of Law No. 335 of August 8, 1995. Income contribution rates for the year 2022.”
- Having regard to the resolution of the Department of Law of Luiss Guido Carli of 11 July 2023 proposing to establishment of the PhD program in Law and Business, fortieth cycle.
- Having regard to the resolutions of the Academic Senate and the Executive Committee respectively of 31 October and 14 November 2023 approving the doctoral program.



- Having regard to the act by ACN (National Cybersecurity Authority) prot. no. 4830 of 15/02/2024 by which the Agency published the Call for Expressions of Interest for the signing of collaboration agreements pursuant to Article 15, Law No. 241 of August 7, 1990, aimed at the implementation of PhD programs in the field of cybersecurity - XL Doctoral Cycle, published on February 15, 2024 on the Agency's website;
- Having regard to the note of the MUR Protocol No. 8614 of 02/05/2024 with which it is made explicit that with regard to the accreditation procedures for the XL cycle (a.y. 2024/2025), taking into account what is regulated by Ministerial Decree No. 226 of 14 December 2021 (Regulation on the modalities of accreditation of doctoral offices and courses and criteria for the establishment of doctoral courses by accredited institutions), the provisions contained in the "Guidelines" approved by the Ministerial Decree No. 301 of March 22, 2022 for the accreditation of courses offered by universities, do not require a specific update and, therefore, the same apply - from XXXVIII - also for the accreditation of the XL cycle;
- Having regard to the ACN (National Cybersecurity Authority) act prot. no. 15909 of 20/05/2024 whereby, as a result of the aforementioned notice, 30 eligible and fundable project proposals for allocation of the funding were selected, with regard to the Doctoral Fellowships for Cycle XL, in Cybersecurity;
- Having regard to the placement of Luiss Guido Carli in the aforementioned ranking list in relation to the following project proposal: "No. 27", Project ID: "15\_MAN\_PHD\_Luiss Guido Carli", Research Project Name: "Cyber Resilience in Supply Chains: Advanced Models for Business Continuity and Disaster Recovery";
- Having regard to the collaboration agreement signed on June 13, 2024 between Luiss Guido Carli and ACN (National Cybersecurity Authority), within the framework of the PhD Program in Law and Business, XL cycle.

## DECREES AS FOLLOWS

### ART. 1 – ESTABLISHMENT

The research doctoral program in Law and Business (course length – three years) , set out in the specific sheets annexed hereto, which are an integral part hereof, is hereby established at Luiss Guido Carli for the 2024/2025 academic year, XL cycle, and likewise the specific competitions for admission and assigning of **n. 1 position, with a scholarship fully funded by the Agency for National Cybersecurity (ACN)**, additional to those funded by the MUR, with the scope of developing the following **binding Research Project**:

## **"Cyber Resilience in Supply Chains: Advanced Models for Business Continuity and Disaster Recovery".**

The specific sheet for the program (see Annex A) sets out the educational goals, research themes, the method, and criteria for selecting candidates for the purposes of establishing a ranking order for admission, in respect to the collaboration agreement between Luiss and the Agency for National Cybersecurity (ACN).

The sheet also indicates the number of places on offer, with scholarships, which will be awarded on the basis of the ranking order and the scholarships.

Pursuant to MUR Decree No. 226 of 14 December 2021, the doctoral programs will be commenced solely upon receipt of a positive opinion from the National Agency for the Evaluation of Universities and Research Institutes (ANVUR) upon fulfillment of the requirements for ministerial accreditation. The places on offer and the scholarships will thus be awarded only in the event of a positive outcome to such evaluation.

Any additions or changes to what is set out herein and, in the Annex provided will be published on the University's website <http://www.luiss.it>.

### **ART. 2 – ELIGIBILITY**

Applications to participate in the competition for admission to the doctoral program referred to in article 1 may be submitted by individuals holding all the mandatory requirements cited in the relevant specific Annexes hereto and a master's degree, a specialized degree or an Italian master's degree under the former university system or an analogous academic qualification awarded abroad that is officially recognized in advance by the academic authorities if not already deemed to be officially equivalent. In order to obtain such recognition, a candidate who holds an academic qualification awarded abroad which is not already deemed to be officially equivalent must accompany his or her application with whatever documents are necessary to enable the Admissions Commission – consistent with the rules in force in Italy and the country where the qualification was granted and the international treaties or agreements governing the recognition of qualifications for further education purposes – to assess the qualification solely for doctoral program eligibility purposes. The qualifications must therefore be accompanied by all the documentation specified in article 3 that is necessary for their assessment.

**Applications may only be accepted from individuals who have been awarded the above-mentioned qualification by and no later than 13 September 2024.** In the case that a candidate applies while awaiting graduation (to occur on or before 13 September 2024), their application for



admission will be considered "pending" and the candidate will have to submit the relevant degree certification (or self-certification under Presidential Decree No. 445 of 28 December 2000) by the said date, failing which the candidate will be excluded.

**Therefore, candidates who will earn the qualifying degree no later than 13 September 2024 will be eligible for participation in the entrance examinations.**

**Candidates which have already been beneficiaries of a Doctoral Scholarship in Italy may not be eligible for this scholarship.**

**This Call for Applications does not offer positions without scholarship.**

It is further specified that all candidates who submit self-certification under Presidential Decree No. 445 of 28 December 2000 will be admitted to participate in the competition subject to verification of the self-certified statements and that the University may at any time during the process, including after commencement of the doctoral program, check the veracity of the statements submitted.

In the event of a false statement, the University may order – by a reasoned decision of the Rector – that the candidate be removed from the competition or the doctoral program without prejudice to ensuing criminal implications for the candidate.

### **ART. 3 – ADMISSION APPLICATIONS**

All applications for admission must be submitted exclusively online by the deadline set out in this call for application and cited in the relevant specific Annex A hereto.

Candidates are responsible for all information that is inserted into their online form and the validity of the certification/self-certification submitted. In that regard, candidates are obliged to consult the University's Code of Ethics, with particular regard for points C.1.1. and C.1.2. The Code can be found at the following link

[https://www.luiss.it/sites/all/Codice\\_Etico\\_Luiss\\_CdA\\_21\\_aprile\\_2020\\_.pdf](https://www.luiss.it/sites/all/Codice_Etico_Luiss_CdA_21_aprile_2020_.pdf)

The University reserves the right to check the information and validity of the documents submitted. In the event of a discrepancy in what has been declared, it may exclude the candidate at any time, during or after the competition.

The online procedure should be completed by accessing the University's website at the address specified in the relevant specific Annex.



It will be possible to apply for one or more of the types of competitive positions (set out in Annex A attached to this Call), subject to meeting the mandatory and specific requirements for each category of positions.

Once the procedure for submitting the application has been completed, the candidate will receive a print-out thereof as proof of successful completion of the procedure.

The application is to be considered for all statutory purposes a self-certification of the candidate's declared personal details and qualifications.

Each candidate may apply for admission to more than one doctoral program.

Candidates are expected to submit a proof of possession of a master's degree, a specialized degree or Italian master's degree under the former university system or an analogous academic qualification awarded abroad, along with all the documents required in the relevant specific annexes hereto.

In this regard, it should be noted that:

**Candidates with a qualification awarded in ITALY must submit:**

- Certification/self-certification of the degree held, setting out the exams undertaken, the associated grade awarded and credits earned, the grade point average and the degree grade (for each degree, if more than one degree held);

**Candidates with a qualification awarded in an EU country must submit the following:**

1. Certification/self-certification of the of the degree held, setting out the exams undertaken, the associated grade awarded and credits earned (transcript of records), the grade point average and the degree grade (for each degree if more than one degree held);
2. degree parchment in its original language;
3. diploma supplement in its original language;
4. translation into Italian or English of the above-mentioned documents indicated in the preceding points 1, 2 and 3: translations are not required if the documents in question are issued by the institution directly in English.

**Candidates with a qualification awarded in a non-EU country must submit the following:**

- A. degree parchment in its original language;
- B. transcript of records in its original language;

- C. translation into Italian or English of the two documents indicated in the preceding points A and B: translations are not required if the documents in question are issued by the institution directly in English.

In the case of admission, applicants holding foreign degrees are required to submit to the PhD & Education Funding Office either the Diploma Supplement (the "access to further studies" section must necessarily be complete) or an Attestation of Comparability of the foreign degree issued by CIMEA. The Certificate of Comparability can be found at the following link: <https://www.cimea.it/>.

Luiss reserves the right to check all documentation submitted by candidates. Should the qualification exhibited not fulfill the requirements set forth in this call for applications and not permit enrolment in the doctoral program, candidates who have made false statements shall be excluded from the program with an obligation to refund any improperly received scholarship installments, without prejudice to any criminal implications that may arise.

The deadline for applications is **16:00 CEST (UTC+2) on 28 August 2024**.

#### **ART. 4 – ADMISSION EXAM**

Admission is based on what is indicated in the Annex A hereto.

Candidates will be summoned to the written or/and oral exams, by e-mail sent to the e-mail address specified in the application form for the competition filled out online. Notice of the exam will also be given (at least 7 days prior to the date that the exam is scheduled for) on Luiss Guido Carli's website at <http://www.luiss.it>.

In order to take the exam, candidates will be identified through a valid ID document.

#### **ART. 5 – COMPARATIVE EVALUATION, THE ADMISSIONS COMMISSION AND ITS DUTIES**

Comparative evaluation for admission to the program is based on what is set out in the Annex A hereto.



The Admissions Commission that comparatively evaluates the candidates for the doctoral program is appointed by decree of the Rector of Luiss Guido Carli, subject to consultation with the Academic Board (Collegio dei Docenti) and consists of at least three members. Such members will either be professors or acknowledged experts in the subject and may be citizens of another country. In any event, the number of professors must exceed the number of experts on the Admissions Commission.

Once the competition exam has been completed, the Admissions Commission ranks the candidates based on the sum of the points awarded to each one.

In the event of a tie between candidates as regards their overall score, the following select criteria shall be used to establish the ranking order for admission and scholarship purposes:

- a) in the event of a tie, the points awarded to Phase One of the selective process (please consult the annex to the present Call for Applications)
- b) in the event of a further tie, the points awarded in connection with the oral exam (please consult the annex to the present Call for Applications)

Notice of admission to the doctoral program will be given by e-mail (to the address stated in the application form) no later than the date specified in the relevant Annex hereto, by which date the ranking order and list of those admitted will also be published on the Luiss website at <http://www.luiss.it>. Individuals who have declared that they will be awarded their qualification by and no **later than 13 September 2024** will be considered "pending". Those candidates must submit the relevant degree certification by the said date and this will be subject to verification as outlined by Article 2 this Call for Admissions.

## **ART. 6 – ADMISSION TO THE PROGRAMS**

Candidates will be admitted to the doctoral programs in ranking order until all places on offer are filled.

The Admission Commission will also proceed to assigning the binding research project, object of this Call for Applications, to the admitted candidate, beneficiary of the ACN Scholarship.

Should one of the successful candidates decline the place or not accept it in time, pursuant to art. n° 7 of this Call, that place will be awarded to the highest-ranking eligible candidate from among those not originally admitted.

## **ART. 7 – ENOLMENT APPLICATION**

**By the peremptory deadline of 7 days**, counting from the day after publication of the ranking on the University's website (<http://www.luiss.it>) and the concurrent notice of admission sent to the

candidate by email, admitted candidates must communicate by e-mail ([dottorati@luiss.it](mailto:dottorati@luiss.it)) their intention to enroll in the doctoral program, failing which they will be excluded.

Moreover, by the deadline that will be communicated in the notice of admission, admitted candidates must also submit or send by post by **13 September 2024** (the postmark will serve as proof) an application for enrolment in the doctoral program (using the form for such purposes that will be e-mailed to them) and associated attachments, to the PhD & Education Funding Office, Luiss Guido Carli, Viale Romania 32, 00197 Rome, failing which they will be excluded. Should any successful candidates expressly or impliedly forgo admission, or in the event of “pending” candidates’ failed graduation **within 13 September 2024**, their place shall be awarded to the highest-ranking eligible candidates.

With reference to what is stated in this article, during enrolment in the Doctoral Program timely notice must be given of any change in what was declared at the time of submission of the enrolment application.

#### **ART. 8 – NUMBER OF PLACES ON OFFER AND SCHOLARSHIPS**

The places on offer for each doctoral program are those indicated in the corresponding Annex hereto.

Details of any other scholarships, including as a result of cancellation of the scholarship of candidates admitted to the programs, will be communicated in a timely manner.

Scholarships shall be initially awarded for one year and will be yearly renewed on condition that the candidate has completed the schedule of activities envisaged for the previous year as checked in accordance with the procedures laid down for each Doctoral Program.

The monthly amount of the scholarship for the admitted candidate, disbursed for three years (36 months), is determined in accordance with Commission Delegated Regulation (EU) 2019/2170 of September 27, 2019, updated by the Decree of the Director General of Research, at the General Secretariat of the Ministry of University and Research, dated June 27, 2022 No. 1074 and funded by ACN is 2,337.57 euros before social security charges borne by the recipient. This amount includes the budget for research activities in accordance with the provisions of Ministerial Decree No. 226 of December 14, 2021.

During the period of research and study abroad, the monthly amount of the scholarship will be €3,506.35. The period of research abroad shall not exceed six months. The study and research period abroad must be carried out at one of the Universities indicated in Technical Sheet A.



Winners with a scholarship must join the 'INPS Gestione Separata' State-run pension fund and send an e-mail to Luiss ([dottorati@luiss.it](mailto:dottorati@luiss.it)) providing evidence of their registration in that regard. Scholarships are subject to social security contributions payable to the said pension fund in accordance with applicable law, two thirds of which is borne by the University and one third by the scholarship holders.

Doctoral students enjoy the associated benefits and rights.

**Please note:**

- To be eligible for the scholarship, admitted applicants may not have previously received other doctoral scholarships (Law n. 398 of 30 November 1989 and subsequent amendments);
- Scholarships awarded for doctoral program are not cumulative with other scholarships of any type, including those awarded by other universities/bodies;
- Scholarships are incompatible with a role as an employee, or any research and study contributions awarded by Luiss Guido Carli departments or other institutions.

## **ART. 9 – RIGHTS AND OBLIGATIONS OF DOCTORAL STUDENTS**

Admission to a Doctoral Program entails an exclusive and full-time commitment in line with what is specified in the syllabus for the Doctoral Program concerned, and by the Research Project Sheet approved by the National Cybersecurity Agency and attached to this call for proposals (Technical Sheet A).

In this regard, therefore, it is made explicit that no changes may be made to the research project that affect the original objectives and expected results, set forth in Technical Sheet A.

Furthermore, it is made explicit that the modification of the project objectives and expected results, or the dissimilar realization of the project, as approved at the start of the doctoral program, will result in the revocation of the scholarship and the total return of any amounts already paid out.

Enrolled students must attend doctoral courses and activities and continuously undertake study and research within the context of the facilities intended for such purposes and in the manner established by the Academic Board and indicated in the Annexes hereto.

The Academic Board may authorize a doctoral student to conduct remunerated activities which enable the achievement of competencies within the educational field of the doctoral program, upon evaluation of the compatibility of the said activity with the productive progress of the educational and research activities under the doctoral program. The annual maximal limit



perceivable by the doctoral candidate compliant to the scholarship, cannot surpass the ministerial minimal amount of the scholarship thereto.

The maximum annual limit receivable by the doctoral student, compatible with the scholarship, may not exceed the minimum ministerial amount of the scholarship, which is €16,243.

The doctoral students may undertake, as an integral part of their educational program, tutoring activities of those studying for the bachelor's and master's degrees, even remunerated, and also additional teaching activities up to forty hours per academic year, subject to the approval by the Academic Board, without such entailing an increase of their scholarship. For these activities the doctoral students receive cheques referred to in the art. 1, paragraph 1, letter b), of the decree law of 9 May 2003, n. 105, converted, with subsequent amendments, by the law n. 170 of 11 July 2003. Income from any additional paid activities may not exceed the ministerial amount of the Doctoral Fellowship.

At the end of every year of study each student enrolled in the doctoral program must submit a detailed report to the Academic Board on the work and research done. The Academic Board will keep the report and, subject to a positive evaluation of the efforts and work of the doctoral student, will propose to the Rector that the student be allowed to continue his or her studies. In the event of a negative evaluation, the recommendation will be that the studies of the doctoral student should cease.

The report must be signed by the PhD Coordinator and forwarded to the National Cybersecurity Agency, together with the minutes of the Teachers' Board containing the assessment of the doctoral student's annual activity and possible admission to the following year.

In the event of failure to obtain the degree of PhD or in the event that the doctoral student is not evaluated positively for the purpose of passing to the next year of the doctoral path, or is excluded, or renounces the scholarship, the sums already disbursed will be revoked, with the obligation for the doctoral student to repay the sums disbursed following the last annual statement submitted by the University to the Agency.

Amounts not yet disbursed are considered not due and payments discontinued.

Doctoral students may be suspended or expelled from the program further to a unanimous decision of the Academic Board stating the reasons for such a decision.

For public sector employees admitted to doctoral programs the provisions of article 10, paragraph 5, of the Research Doctorate Regulations of Luiss Guido Carli apply.

The measures under Legislative Decree No. 68 of 29 March 2012 are extended to doctoral students in the manner provided for therein.

Without prejudice to the norms and protection of parenthood rights referred to in the decree of Ministry of Labor and Social Welfare Decree of 12 July 2007 published in Official Gazette No. 247



of 23 October 2007, the doctoral students in family leave maintain the right to the scholarship. After the suspension period, the scholarship will be paid upon the course attendance is resumed up to the completion of the overall duration of the scholarship period.

## **ART. 10 – AWARDING OF THE DOCTORATE**

The qualification of research doctor abbreviated as “Dott. Ric.” thus “Ph.D” is attained at the end of the doctoral program and is awarded following positive assessment of a research thesis that contributes to the advancement of knowledge or methodology in the chosen field of inquiry after defense of a doctoral thesis. The research doctorate is conferred by the Rector in accordance with the Research Doctorate Regulations of Luiss Guido Carli and applicable law.

The examinations commission for the final exam will be established and appointed by decree of the Rector in accordance with the Research Doctorate Regulations of Luiss Guido Carli and applicable law.

The doctoral student must deliver the final version of the PhD thesis along with a detailed report of the activities performed during the Doctoral Program, as indicated in art. 8 of D.M. 226 of 14 December 2021.

The PhD certificate will be issued solely if, within 30 days after defense of the thesis, the doctoral student (with the assistance of the relevant staff) files a copy of the final version of the thesis in the University's open access institutional repository, which stores the work and affords public access thereto. Upon Academic Board's authorization, certain parts of the thesis may be made unavailable with regards to data privacy protection, in accordance with the relative legislation in force. The obligation to file the thesis at the central National Libraries of Rome and Florence remains unaffected.

## **ART. 11 – PRIVACY NOTICE**

Luiss treats the personal data of candidates in full conformance of Reg. UE/2016/679 and D.Lgs. n. 196/2003, as modified by D.Lgs. n. 101/18 and subsequent integrations.

Luiss, as Controller, collects and processes the identifying data (name, surname, place and date of birth, personal tax number and citizenship), contact data (residential address, e-mail address and telephone number), data relating to academic record, data relating to knowledge of foreign languages, data relating to any certifications held by the data subject, in order to manage the



application for participation in the doctoral competition and related obligations (the legal basis for processing lies the fulfillment of the pre-contractual obligations between the parties).

Processing takes place in the European Economic Area, on paper and electronically, using the security measures required by law.

Data are processed by Luiss' administrative and teaching staff and by any third party who assists Luiss in management of the application.

Any data subjects wishing to exercise their statutory rights as per articles 15-22 of Reg. UE/2016/679 may do so by writing an email to the Controller, Luiss Guido Carli at Viale Pola 12, 00198 Rome, Italy, [privacy@luiss.it](mailto:privacy@luiss.it) setting out their request.

The contact details of the Data Protection Officer (DPO) are available at [www.luiss.it/contatti](http://www.luiss.it/contatti).

## ART. 12 – FINAL PROVISIONS

For all matters not specifically addressed herein, reference is to be made to the Research Doctorate Regulations of Luiss Guido Carli and the applicable law governing Doctoral Programs. Submission of the online application to participate in the selection process referred to in article 3 above implies the candidate's acceptance of the provisions hereof and the Research Doctorate Regulations in force.

The person in charge of the procedure is Dr Federica Capone.

This announcement will be published on the University's website ([www.luiss.it](http://www.luiss.it)) and the website of the Ministry of Education, Universities and Research ([www.bandi.miur.it](http://www.bandi.miur.it)), which will also arrange for publication on the European Euraxess website and in the Official Gazette of the Italian Republic – 4<sup>th</sup> special series.

(Prof. Paolo BOCCARDELLI)

### **Attachments:**

**Annex A - Course of PhD in Law and Business XL cycle a.y. 2024/2025**

**Technical Sheet A - Course Of Doctorate in Law and Business XL cycle a.y. 2024/2025**

Annex A to Rectoral Decree No. 296 of 24.07.24

**Doctoral Program in  
LAW AND BUSINESS**

**XL Cycle – 2024/2025 Academic Year**

**Administrative Headquarters:** Department of Law, Luiss Guido Carli University

**Statutory Duration of the Program:** 3 years

**a) Educational Goals and Research Themes:**

The educational goal of the Doctoral Program is to offer an advanced course of study that combines both theoretical and practical aspects of the legal and regulatory issues concerning markets and business from a national, EU, international and comparative perspective, focused on both the analysis of theoretical models and on the resolution of practical cases.

The Doctoral Program is interdisciplinary in nature and concerns the following scientific-disciplinary sectors:

- IUS/17 - Criminal Law
- IUS/01 - Private Law
- IUS/02 - Comparative Private Law
- IUS/04 - Commercial Law
- IUS/05 - Economic Law
- IUS/07 - Labor Law
- IUS/08 - Constitutional Law
- IUS/09 - Principles of Private Law
- IUS/10 - Administrative Law
- IUS/12 - Tax Law
- IUS/13 - International Law
- IUS/14 - EU Law
- IUS/15 - Civil Procedure Law
- IUS/16 - Criminal Procedure Law
- IUS/20 - Philosophy of Law
- IUS/21 - Comparative Public Law

The program, specifically designed to meet the demand for highly qualified professionals, seeks to ensure that the doctoral students will reach an appreciable level of scientific and

research autonomy allied to a strong capacity for criticism and analysis. Doctoral students should thus be able to investigate and examine in depth, in an interdisciplinary manner, the theoretical and empirical research themes covered by the program.

**b) Places on offer:**

➤ **No. 1 Position with fellowship funded by Agency for National Cybersecurity (ACN)**

The position is funded by fellowship sponsored by Agency for National Cybersecurity (ACN) in order to develop a specific Research Project submitted by the University to ACN that has the following characteristics:

- Project title: "Cyber Resilience in Supply Chains: Advanced Models for Business Continuity and Disaster Recovery".
- Carrying out a period of study and research for six months (total) at one of the following universities:
  - the University of Paderborn in Germany
  - the TU Delft University in the Netherlands
  - Center for Integrated Emergency Management (CIEM) of the Agder University in Norway

The characteristics of the advertised position and the timetable of activities are described within Technical Sheet A, attached to this notice. Acceptance of the position implies acceptance of the conditions, activities and rules contained in the notice, this Annex A and Technical Sheet A.

**c) Selection Process:**

The selection process for admission to the Doctoral Program consists of three phases:

**1. First Phase: Evaluation of CV, qualifications and publications**

This phase will take into account all qualifications, publications (if any) and further relevant elements indicated in a candidate's CV.

Publications will be evaluated taking into account the academic value of the writings, their relevance to the topics under study in the Doctoral Program and the standing of the journals and publishing houses through which the candidates have published.

**Please note that it is possible to apply for the Doctoral Program even in the absence of publications.**

Candidates who score at least 24 points in the first phase will be admitted to the second phase, i.e. the evaluation of the Research Proposal. Reference should be made to section **d)** of this sheet for more details on the evaluation criteria.

## 2. Second Phase: Oral Exam and English language test

The Oral Exam will focus on the Research Project funded by the ACN for the specific Doctoral program (see Technical Sheet A) and will concern topics and subjects pertinent thereto (even if not directly covered by the Research Proposal itself but which relate to the areas under study in the Doctoral Program).

It is designed to assess not only the candidate's depth of knowledge regarding the themes of the Research Project, but also the candidate's ability to engage in legal reasoning and discuss concepts relating to various branches of the legal system.

Testing of the English language will consist of reading a text in English and translating it into Italian.

Candidates who are applying for a **scholarship position reserved for International candidates** must exhibit an adequate knowledge of Italian during the Oral Exam.

The oral exam may be held in presence or through the WebEx online platform.

**The Oral Exam may be held online on the Webex platform. Candidates must possess a computer (with a webcam and microphone) and internet access and follow the instructions relating to the use of the Webex application which they will receive by email at the address that has been submitted during the candidacy phase.**

The indication of the modality, will be communicated to interested parties at least 7 days before the date set for the exam by e-mail to the address through which the application for admission was completed online and, in addition, a notice will be given by the University to interested parties through the publication of a notice, on the website of Luiss Guido Carli, in the pages of the site <http://www.luiss.it> dedicated to the individual Doctorates.

The Oral Exam will be deemed to have been passed by candidates who obtain at least 36 points; 15 of the 60 points will be reserved for the evaluation of the candidate's knowledge of the English language.

### d) Admissions Commission Scoring



The scoring system utilized by the Commission is as follows (minimum score for eligibility 60):

Competition Phase	Subject matter of evaluation	Maximum Score	Minimum score to pass to next phase
<b>Phase 1</b>	CV, qualifications and publications	40	24
<b>Phase 2</b>	Oral Exam and English language evaluation (in presence or via Webex)	60	36
<b>Total</b>		<b>100</b>	<b>60</b>

The minimum score for eligibility (60 points) is to be understood as the sum of the points assigned from the three phases, with the candidate having attained at least the minimum score in all of the selection phases.

**e) Method of Submission of Candidature:**

The online application procedure is to be completed through accessing the University's website at:

<https://phd.luiss.it/diritto-impresa/calls/open-calls/>

To submit an application to participate in the competition candidates must:

- go to the webpage: <https://phd.luiss.it/diritto-impresa/calls/open-calls/>
- fill out the competition application in full, attaching the required documents, specifically:

**MANDATORY DOCUMENTATION:**

- I) **Proof of possession of a master's degree**
- II) **Curriculum vitae, indicating all the qualifications held**
- III) **National ID card/passport**



**IV) List of publications together with the full text of the publications or a self-declaration stating that no publications exist**

**Details of the mandatory documentation**

**I) Proof of possession of a master's degree**

The required documentation to prove attainment of a master's degree varies according to where the degree was awarded, thus it should be noted that:

**Candidates with a qualification awarded in ITALY must submit:**

- certification/self-certification of the degree held, setting out the exams taken and marks obtained for each exam, credits earned and the degree grade (for each degree if more than one degree is held);

**Candidates with a qualification awarded in an EU country must submit the following:**

1. certification/self-certification of the degree held, setting out the exams taken, and marks obtained for each exam (academic transcript of records), credits earned and the degree grade (for each degree if more than one degree is held);
2. degree parchment in its original language;
3. diploma supplement in its original language;
4. translation into Italian or English of the above-mentioned documents, indicated in the points 1, 2 and 3: the translations are not required if the documents in question are issued by the institution directly in English.

**Candidates with a qualification awarded in a non-EU country must submit the following:**

- A. degree parchment in its original language;
- B. academic transcript of records in its original language;
- C. translation into Italian or English of the two documents indicated in the preceding points A and B: the translations are not required if the documents in question are issued by the institution directly in English.



In the case of admission, applicants holding foreign degrees are required to submit to the PhD & Education Funding Office either the Diploma Supplement (the "access to further studies" section must necessarily be complete) or an Attestation of Comparability of the foreign degree issued by CIMEA. The Certificate of Comparability can be found at the following link: <https://www.cimea.it/>.

- II) **Curriculum vitae, indicating all the qualifications held**  
(for example, master's degree, advanced courses, other PhDs, etc.), research undertaken, study and work periods either abroad or of international relevance, and certified knowledge of additional foreign languages other than English, if any;
- III) **National ID card/passport;**
- IV) **List of publications** in areas pertinent to the Doctoral Program, together with the full text of the publications included in said list, to be uploaded in pdf format onto relevant sections of the online platform. In the absence of publications, a self-declaration should be uploaded attesting to the same.  
**N.B. it is nonetheless possible to apply for the Doctoral Program even in the absence of publications, by attaching a self-declaration stating that no publications exist;**

#### **OPTIONAL DOCUMENTATION:**

- I) **Any other qualifications** (certificates, for example, regarding a master's degree in a subject pertinent to the Doctoral Program, LL.M., MA, European Doctorate, relevant experience at institutions and public bodies, a diploma from a graduate school for the legal profession – indicating the marks obtained in the individual exams if such marks were awarded).
- II) **Statement of purpose**
- III) **Reference letter**  
The reference letter should not be uploaded to the platform: the candidate should insert into the platform the names and email addresses of the referees, who will receive a communication at the indicated email address containing a link through



which they can personally write and send the letter to the PhD & Education Funding office.

**The deadline for submitting reference letters is set for 29 August 2024.**

**It is recommended that files be uploaded in pdf format.**

**f) Deadlines:**

- **Deadline for submission of applications:** 28 August 2024 at 16:00 (CEST), UTC+2
- **Deadline for publication of the ranking for admission purposes:** within 30<sup>th</sup> September 2024, unless extended by a communication to that purpose on the Luiss website.

The ranking order and list of those admitted will be published on the Doctoral Program website at the following link: <https://phd.luiss.it/diritto-impresa/calls/admission-and-ranking-list/> and communicated by e-mail to the successful candidates in accordance with article 5 of the call for applications.

- **Deadline for acceptance of admission by the successful candidates:** within 7 days, to commence from the day after publication of the ranking order and list of those admitted on the University's website (<http://www.luiss.it>) and the associated concurrent notice of admission.
- **Commencement of the Program:** October 2024.

**TECHNICAL SHEET A**

Technical Sheet A attached to Rectoral Decree No. .... of .....



<p>Title of the research project</p>	<p>Title of the proposed research for the doctoral student: "Cyber Resilience in Supply Chains: Advanced Models for Business Continuity and Disaster Recovery".</p>
<p>Cybersecurity Research and Innovation Areas  (Areas explored in depth in the research project)</p>	<p>Area 2 - Cyber threat management Area 5 - Aspects of society Area 6 - Aspects of government</p>
<p>Subareas and Topics intended to be explored in more depth</p>	<p>[Topic#6.1.1] Research on the economics of the cybersecurity ecosystem and, in particular, supply chains. [Topic#6.1.4] Innovation in models supporting business continuity and disaster recovery to strengthen cyber resilience. [Topic#6.2.3] Risk management and analysis of supply chain networks in order to develop risk models that consider the possible cascading effects from adverse cyber events involving those networks. [Topic#3.1.2] The innovative practices of secure software lifecycle management. [Topic#2.3.1] The resilience of cyber-physical systems.</p>
<p>Emerging &amp; Disruptive Technologies (EDT)</p>	<ul style="list-style-type: none"> <li>- 5G and beyond mobile networks</li> <li>- BPM</li> <li>- IoT</li> <li>- Virtualization and Cloud</li> <li>- Zero Trust Architecture</li> </ul>
<p>Capacity of the project to strengthen national and European research and technological and strategic autonomy, with indication of the host and duration of the period abroad</p>	<p>The project will be carried out in cooperation with the Vodafone Chair in Cybersecurity and Digital Transformation established at Luiss University and will involve ASSTEL and the Cyber 4.0 Competence Center in order to facilitate discussions with businesses in the telecommunications supply chain and government agencies.</p> <p>The project also envisions that the doctoral student will spend a <b>six-month research and study period abroad</b> at one of the following universities:</p> <ul style="list-style-type: none"> <li>- University of Paderborn in Germany;</li> <li>- TU Delft University in the Netherlands;</li> <li>- Center for Integrated Emergency Management (CIEM) at the University of Agder in Norway.</li> </ul>



<p>Abstract of the research project</p>	<p>In an era characterized by increasing dependence on digital technologies, the telecommunications sector plays a vital role in maintaining global connectivity and information security. This PhD project aims to address the challenges related to business continuity and supply chain risk management within telecommunications companies, with the goal of developing advanced risk models that take into account the processes and architectures underlying new business models and the cascading effects that adverse cyber events and vulnerabilities within supply chains may have on organizations and society.</p> <p>The project aims to:</p> <ul style="list-style-type: none"> <li>- identify and analyze specific risks affecting business continuity and supply chain resilience in telecommunications companies with particular reference to the latest applications of cloud and 5G technologies;</li> <li>- develop risk models that incorporate the unique interdependencies and operational challenges of the telecommunications industry, offering solutions to mitigate the impacts of adverse cyber and physical events;</li> <li>- innovate business continuity and disaster recovery models, especially with regard to critical infrastructure resilience and crisis management;</li> <li>- update capability maturity models (CMMs) on supply chain management taking into account compliance constraints and emerging threats. Using an approach that combines scenario analysis, risk modeling, and simulation techniques, the project will assess how disruptions in supply chains can affect the business continuity of telecommunications businesses.</li> </ul> <p>Software Bills of Materials (SBOMs) of ICT products will be analyzed to identify critical dependencies, while interviews with industry stakeholders on existing procedures and analysis of historical data on service disruptions will provide insights into technical and organizational capabilities to achieve acceptable levels of cyber resilience.</p> <p>The results of this study will contribute to a greater understanding of vulnerabilities specific to the telecommunications sector and the most effective strategies to address them, improving operational resilience and reducing risks associated with supply chains. This will directly impact the ability of telecommunications businesses to keep critical services operational during and after adverse events, protecting both the economy and national security.</p> <p>The research envisages close collaboration with telecommunications companies, technology providers, research institutions specializing in cybersecurity and risk management, and government agencies responsible for regulating the telecommunications industry. These collaborations will ensure that the project can benefit from a wide range of expertise and perspectives, making the results applicable on a global scale.</p>
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	<p>The project will include a 6-month study abroad period at a European institution that deals specifically with crisis management in order to integrate international best practices and strengthen collaborations with experts and institutions at the forefront of this field.</p>
<p>Educational activities at the University</p>	<p>Participation in the ordinary modules of the Luiss PhD program in Law and Business.</p>