



With the support of the
Erasmus+ Programme
of the European Union

EMILDAI Student Agreement (2022-24)



universidad
de león



UNIVERSITÀ DI PISA

Contents

Parties	3
Preamble	4
Definitions & Interpretations	4
Academic Structure	5
Admission	6
Visas & Permits	6
Accommodation	6
Registration & Enrolment	6
Tuition & Assessment	6
Graduation	8
Student Engagement	8
Alumni Engagemefhjuont	8
Tuition Fees & Other Programme Costs	8
Scholarship Awards & Management	8
Insurance Coverage	9
Complaints	9
Data Protection	10
Intellectual Property	10
Amendment	10
Dispute Resolution	10
Language	10
Governing Law	11
Term	11
Annex 1 - Programme Schedule	12
Annex 2 - Tuition Fees	19
Annex 3 - Full Scholarship Payment Schedule	20

Parties

1. Dublin City University, established under Dublin City University Act, 1989, no. 15/1989 with charitable status (Charity Reference No. CHY6851), having its principal office at Collins Avenue, Dublin 9, Co. Dublin, Republic of Ireland (hereinafter “DCU”) acting as the Coordinating Institution and on behalf of the EMILDAI Partnership, which consists of the following degree-awarding Partner Universities:
2. Université d’Avignon, having its principal office at 74 Rue Louis Pasteur, 84029 Avignon, France (hereinafter “AU”)

AND

3. Universidad de León, having its principal office at Campus de Vegazana, s/n, 24071 León, Spain (hereinafter “ULE”)

AND

4. Università di Pisa, having its principal office at Lungarno Antonio Pacinotti, 43, 56126 Pisa, Italy (hereinafter “UNIFI”)

each a “Partner University” or PU and together the “ Partner Universities” or PUs.

And

The Student

1. First Name:
2. Surname:
3. Date of Birth:
4. Passport/ID Number:

1. Preamble

- 1.1. This agreement is made with reference to the master's degree entitled 'EMILDAI - European Master in Law, Data and Artificial Intelligence' (hereinafter referred to as the "Programme"), which is funded by the European Education and Culture Executive Agency (EACEA – the Agency) of the European Commission from 2021 to 2027 (Project Number: 101050369) as an Erasmus Mundus Joint Master ("EMJM") degree.
- 1.2. The agreement defines the conditions, requirements, obligations and expectations of students registered on the Programme.
- 1.3. The student declares that he/she will fulfil all of the conditions, requirements and obligations detailed in this Agreement.
- 1.4. The Partner Universities engage and endeavour to provide the Student with high standards of tuition, supervision, assessment and support, as required by the EACEA, throughout the Student's registration on the Programme.

2. Definitions & Interpretations

- 2.1. In this Agreement unless the context otherwise requires:
 - 2.1.1. "Academic Year" means a 12-month period, which normally commences in September, during which modules are taught and assessed.
 - 2.1.2. "Agreement" means this agreement, including the appendices to this agreement.
 - 2.1.3. "Coordinating Institution" means, for the Programme, the PU identified as such in the Programme Schedule: Dublin City University.
 - 2.1.4. "EACEA" means the Education, Audiovisual & Culture Executive Agency of the European Commission.
 - 2.1.5. "Enrolment" means the process whereby Students register and select the modules that make up the programme of study in accordance with the procedures and regulations of the relevant PU.
 - 2.1.6. "Entry Requirements" means the Entry Requirements agreed by the PUs for the Programme detailed in the Programme Schedule.
 - 2.1.7. "Foreground Intellectual Property" means all and any Intellectual Property created or developed by a PU or by any Student in the course of and relating to this Agreement.
 - 2.1.8. "EMILDAI" is the acronym derived from key words of the Programme title.
 - 2.1.9. "EMILDAI Partnership" is the Partnership of universities delivering the Programme as outlined in this Agreement.
 - 2.1.10. "Edition" means the Edition of Students in each Academic Year as set out in the Programme Schedule.
 - 2.1.11. "Intellectual Property" means copyright works, patents, discoveries, improvements, inventions, trademarks, designs, information, data, formulae, specifications, results of tests and field trials, diagrams, expertise, techniques, technology, know-how, and other

Intellectual Property of any nature whatsoever, including applications and the right to apply for registration of any of the foregoing rights.

- 2.1.12. "Mobility Period" is a period of study at one of the EMILDAI PUs.
- 2.1.13. "Module" means a specified unit of teaching and assessment that is accredited and delivered by a PU as a component of the Programme.
- 2.1.14. "Programme" means the Programme described in the Programme Schedule (Annex 1) and consisting of two Study Streams and two Study Tracks.
- 2.1.15. "Register" means the Student registering with the PUs to become a student of the PU in accordance with the procedures and regulations contained in the published regulations of the relevant PU.
- 2.1.16. "Scholarship Student" means a Student studying in the Programme who receives funding covering their tuition fees and offering a monthly scholarship.
- 2.1.17. "Self-funded Student" means a Student who is not in receipt of a full scholarship.
- 2.1.18. "Student" means a Student who has been accepted onto the Programme by each PU and registered on the Programme.
- 2.1.19. "Student Agreement" means the EMILDAI Partnership's written agreement with each Student detailing the specific terms, conditions, requirements and expectations for their registration on the EMILDAI Programme and complementing the student agreements signed with individual PUs.
- 2.1.20. "Student Complaint" means an expression of dissatisfaction by one or more Students about the standard of service, action or lack of action by or on behalf of a PU or EMILDAI Partnership, and may relate to:
 - a) The quality and standard of teaching and support, facilities or learning resources;
 - b) Attitude, treatment or inappropriate behaviour of a staff member or contractor;
 - c) Administrative processes;
 - d) Dissatisfaction with a PU or EMILDAI Partnership policy, although it is recognised that policy is set at the discretion of the PU or EMILDAI Partnership.
- 2.1.21. "Student with a Partial Fee Waiver" means a self-funded student who is only responsible for the payment of tuition fees in Year 1 and whose tuition fees for Year 2 are waived by the EMILDAI Partnership.
- 2.1.22. "Tuition Fees" means, for each edition, the annual Tuition Fees payable to the Coordinating Institution by Self-funded Students.

3. Academic Structure

- 3.1. The Student acknowledges the academic structure of the Programme, as detailed in Annex 1.
- 3.2. The EMILDAI Partnership will notify the Student at the earliest opportunity should there be any changes to the Programme's academic structure, including the provision or removal of specific modules.
- 3.3. The Student acknowledges that the EMILDAI Partnership has the ability to make changes to the academic structure of the Programme where this is required.

4. Admission

- 4.1. The Student declares that they shall meet the published entry requirements for admission to the Programme.
- 4.2. The Student is not permitted to defer their admission to the Programme to a later academic year.
- 4.3. Should any information supporting the Student's admission and/or award of a Scholarship be found by the EMILDAI Partnership to not be valid, the Partnership has the right to withdraw an offer of admission and/or scholarship, or subsequently withdraw the Student following registration.

5. Visas & Permits

- 5.1. The securing of admission to the Programme does not necessarily guarantee entry to study in the relevant jurisdictions of the PUs and it is the responsibility of the Student to obtain all necessary visas and permits to register and complete the Programme.
- 5.2. The PUs will provide the Student with the latest available information, advice and support as to visas and permits to study in the countries of each PU. However, it remains the responsibility of the student to complete the appropriate visa or permit application process.

6. Accommodation

- 6.1. It is the Student's responsibility to find and fund their accommodation whilst registered on the Programme.
- 6.2. The PUs will provide advice and support to the Student to assist them to find suitable accommodation during each of their mobility periods.

7. Registration & Enrolment

- 7.1. The PUs will provide the Student in a timely manner with all relevant information regarding the registration and enrolment requirements at each PU, and offer support and guidance where this is required.
- 7.2. The Student shall complete all necessary registration and enrolment requirements at each PU according to the timeline of each institution. Should the Student not complete such requirements they may not be permitted to progress their studies and receive their scholarship.
- 7.3. When registering at each PU, the Student acknowledges that they agree to follow and be bound by the student code of conduct and regulations (or equivalent) of that Institution whilst they are studying at that Institution.
- 7.4. The Student will attend and participate in all induction and orientation events and activities organised and delivered by the PUs.

8. Tuition & Assessment

- 8.1. Over the two years of the Programme, the Student will undertake two/three mobility periods of tuition, with each mobility period accounting for 30-60 ECTS credits (Annex 1 details the programme's academic structure and mobility periods). In total, the Student will undertake and pass at the specified level 120 ECTS credits to complete the Programme.
- 8.2. Mobility periods cannot be conducted remotely or virtually.
- 8.3. In support of the Student's tuition and assessment, the PUs will provide the Student with suitable access to library and other related learning and teaching facilities, as is governed by each PU's rules and regulations.
- 8.4. The Student may enrol and complete one available non-contributing language course in English, French and Spanish each semester provided by DCU during their first mobility period. Students may also avail of non-credit-bearing language courses in French, Spanish and Italian during mobility periods at the other PUs.
- 8.5. During the Summer period of the first and second year of the Programme, there is a compulsory non-credit-bearing Summer School organised on a rotating basis by the PUs.
- 8.6. During the Summer period of the first year of the Programme, the Student may enter a competition for a limited number of work-based placements, which is managed and supported by DCU or another relevant PU should further placement opportunities arise.
- 8.7. The Student will attend, engage and participate in all required teaching and tuition that forms part of the Programme.
- 8.8. The PUs will provide the Student with relevant information and documentation about the Programme's teaching and assessment, including the provision of programme and module handbooks, guides and specifications.
- 8.9. The PUs will provide the Student with information about the Programme's academic regulations and requirements.
- 8.10. The Student will ensure that they are aware of the Programme's academic regulations and other relevant information published in handbooks, guides, specifications and any other relevant documentation. The EMILDAI Joint Academic regulations will be published every year on the DCU 'Policies and Regulations' webpage (<https://www.dcu.ie/ovpaa/policies-and-regulations>).
- 8.11. The Student's performance will be assessed through the course of the Programme in accordance with the stated methods of assessment for each module undertaken. Assessments will be graded according to the grading scale of the delivering PU and then converted to DCU's grading scale in accordance with the Programme's agreed and published grade conversion scale. Resit of modules will be arranged in accordance with local policies, procedures and practices at the relevant host PU.
- 8.12. Should the Student wish to appeal a grade received for a course, they must follow the academic appeals procedure of the PU at which the module is registered, validated and administered.
- 8.13. The Student will be allocated an academic advisor (or equivalent) for the duration of the programme, whom the Student can contact for academic and pastoral advice and support during each mobility period.

9. Graduation

- 9.1. Subject to successfully meeting all of the requirements of the Programme, the Student will be awarded with a Joint Master Degree from the PUs at which they studied.
- 9.2. DCU will be responsible for organising the graduation ceremony for the Programme each year.

10. Student Engagement

- 10.1. The Student will have the opportunity to participate in the oversight and development of the Programme via their elected Student Representatives, who will serve as a member of the EMILDAI Student-Staff Liaison Committee.
- 10.2. The PUs will regularly consult and engage with the Student on the Programme's development and delivery, including holding meetings of the Student-Staff Liaison Committee at least once per academic year.
- 10.3. The Student will participate in all evaluations and surveys conducted by the PUs, the EMILDAI Partnership or the EACEA in relation to the Programme.

11. Alumni Engagement

- 11.1. The Student will engage with alumni activities undertaken by the EMILDAI Partnership and the PUs following their completion of the Programme.
- 11.2. The Student can join the EMILDAI Students and Alumni Association and the Erasmus Mundus Students & Alumni Association (EMA) following joining the Programme.

12. Tuition Fees & Other Programme Costs

- 12.1. The Student will pay to the Coordinating Institution the published annual tuition fee (see Annex 2) for the Programme each academic year. EU students can pay the annual tuition fees in a single solution or in two instalments.
- 12.2. Should the student hold a Full Scholarship their tuition and all other compulsory programme costs will be met in full by this award.
- 12.3. Should the Student hold a Partial Fee Waiver, the Student will be responsible for the payment of the tuition fees of Year 1, while tuition fees of Year 2 will be waived.
- 12.4. The fees in Year 2 of the Programme will be the same as in Year 1.
- 12.5. Should the Student not pay their outstanding tuition fees in Year 1 of the Programme they will not be able to register for their second year of study. Should the Student have a tuition fee debt in Year 2 of the Programme they will not be permitted to graduate until this debt is cleared.

13. Scholarship Awards & Management

- 13.1. Should the Student be awarded a Full Scholarship they will have been officially notified by the Partnership of such a decision.

- 13.2. Where the Student has been awarded a Full Scholarship, the Coordinating Institution will:
- 13.2.1. Meet the costs of the Student's tuition;
 - 13.2.2. Pay the scholarship instalments to the Student in accordance with the Agency's agreed levels and limits and regulations.
- 13.3. All scholarship payments will be disbursed by the Coordinating Institution by SEPA bank transfer in EURO.
- 13.4. Annex 3 details the schedule of payments for full scholarships.
- 13.5. The Student will dispose of or set-up a SEPA bank account immediately on arrival in Ireland to receive scholarship payments from the Coordinating Institution.
- 13.6. Scholarship payments will be classified as student financial support by the Coordinating Institution and consequently not be subject to tax and national insurance contributions repayments within Ireland.
- 13.7. The Student's holding a full scholarship does not create, establish or confer any form of contract of employment with the Coordinating Institution or any other of the PUs.
- 13.8. Where a student holding a full scholarship does not start, suspends, fails or withdraws from their studies, scholarship payments will cease and the Coordinating Institution will determine if an overpayment to the Student has been made.
- 13.9. A student holding a full scholarship will be liable to repay any funds owed from the date of their suspension, failure or withdrawal. The Coordinating Institution will investigate, calculate and process such overpayments, calculating any funds owed on a daily-rate basis.

14. Insurance Coverage

- 14.1. The Student will receive insurance coverage (health, accident, repatriation, liability, home contents and baggage, and legal aid) from the Coordinating Institution whilst registered on the Programme.
- 14.2. The insurance coverage provided by the Coordinating Institution to students will meet the minimum requirements required by the EACEA.
- 14.3. Following registration on the Programme, the Coordinating Institution will provide information and further particulars to the Student about their insurance coverage.
- 14.4. Should the Student have any conditions or issues that may limit or invalidate medical and travel insurance provision, they must notify the Coordinating Institution at the earliest opportunity.
- 14.5. The Student may purchase further personal insurance coverage. Such additional coverage is the sole responsibility of the Student.

15. Complaints

- 15.1. Should the Student wish to raise a complaint as to the provision of learning and teaching or any other aspect of their experience at a PU, they must follow the complaints procedure of the PU to which the case relates.

- 15.2. Where a complaint is assessed by the Partnership Management Board to be against a general aspect of the Programme, the Coordinating Institution's complaints procedure will be followed.

16. Data Protection

- 16.1. The PUs will collect and process the student's personal information for academic, advisory, support, administrative, legal, financial, management, statutory, pastoral, and health and safety reasons. Each of the PUs shall at all times comply with the Applicable Laws in their given jurisdiction relating to the protection of personal data. In the case of all PUs this relates to the GDPR (as may be amended) and all applicable local laws and /or regulations.

17. Intellectual Property

- 17.1. Any Foreground Intellectual Property created or developed by the Student will be owned by the Student unless otherwise agreed in writing by the PUs.
- 17.2. If Foreground Intellectual Property is developed jointly between the Student and/or a PU or between two or more PUs, the Student and PU(s) will agree which of them shall manage that Foreground Intellectual Property and will ensure that any necessary assignments are obtained. Where the parties cannot agree on the assignment of the Foreground Intellectual Property, it will be jointly owned in accordance with each party's respective inventive contribution.

18. Amendment

- 18.1. Any alterations to this Agreement and its annexes will be communicated to the Student in writing by the Coordinating Institution.
- 18.2. Upon mutual agreement of any contractual amendment, the Coordinating Institution will issue addenda to the present Agreement.
- 18.3. The EMILDAI Partnership reserves the right to cease the effects of the current Agreement without resorting to any legal proceedings apart from adequate communication to the Student.

19. Dispute Resolution

- 19.1. If at any time a dispute arises between the Student and the Coordinating Institution in connection with this Agreement, or one party is assessed to have breached the Agreement, the complaining party shall notify the other party of their dispute and the two parties will seek to resolve the situation within 14 working days of receipt of the written notification.
- 19.2. Should a dispute not be resolved following the above arrangements, the Irish Courts will have exclusive authority to resolve any legal dispute between the Coordinating Institution and the Student arising from the Agreement.

20. Language

- 20.1. This Agreement is written in the English language.
- 20.2. If this Agreement is translated into another language, the English language version shall prevail. Any notice given under or in connection with this Agreement will only be effective if it is in the English language.

21. Governing Law

21.1. The Laws of the Republic of Ireland shall exclusively govern the construction and performance of this Agreement.

22. Term

22.1. This Agreement shall be effective from the date of signature by all Parties until the Student ceases to be registered on the Programme.

Signed as Agreed

By the Student:

Signature:

Name:

Date:

By the Coordinating Institution on Behalf of the EMILDAI Partnership:

Signature:

Name: Dr Edoardo Celeste

Date: 5th September 2022

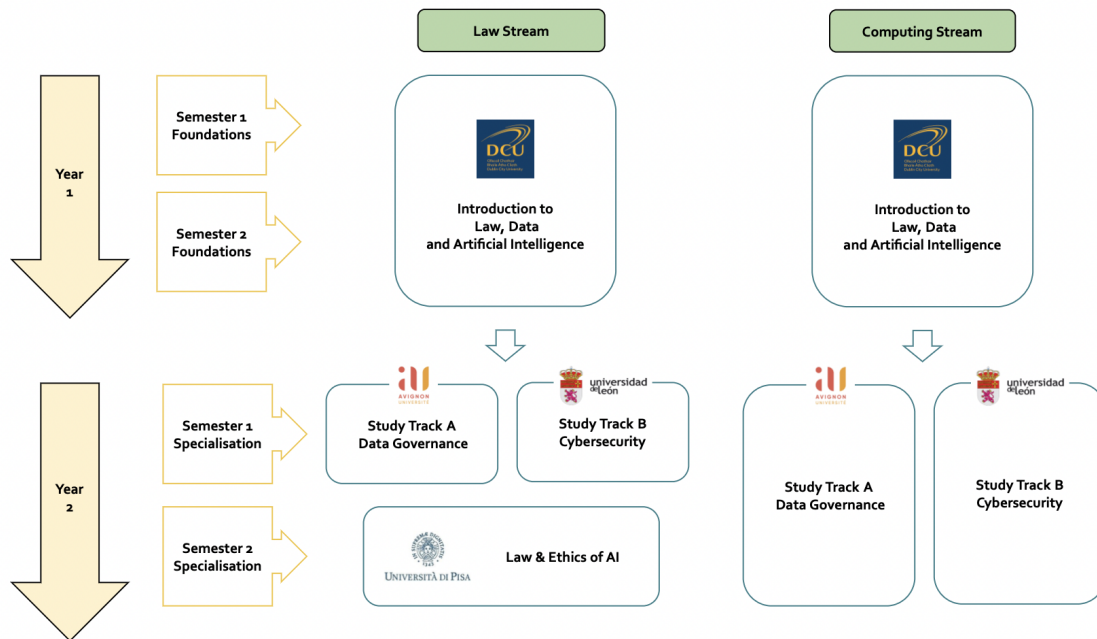
Annex 1 - Programme Schedule


Part A - Programme Details

Programme Title	European Master In Law, Data and Artificial Intelligence (EMILDAI)
Level	Postgraduate (Taught) Level 7 of the European Qualifications Framework
Collaboration	Joint Degree
Partner Universities	<ol style="list-style-type: none"> 1. Dublin City University (“DCU”); 2. Université d’Avignon (“AU”) 3. Universidad de León (“ULE”) 4. Università di Pisa (“UNIPI”)
Degree Awarded	Joint Master Degree per track (DCU/AU/UNIPI or DCU/ULE/UNIPI or DCU/AU or DCU/ULE)
Total Credits	120 ECTS Credits
Nature & Duration of Study Award	Full-time - 2 Years
Commencement Date	September 2022
End Date	August 2024
Language Taught	All teaching, assessment and feedback is conducted in English at DCU, French at AU, Spanish at ULE, English at UNIPI.
Timetable	<p>Students will attend each PU (according to the chosen Study Track) within Academic Years that start in September and finish in August. Both the first and second summer offer the opportunity for various activities, including the annual Summer School, internships and independent study (please see further below).</p> <p>Care has been taken to ensure that Students have a balanced workload with 30 ECTS (with the exception of Study Track B: Computing Stream in which students will study 32 ECTS in the first semester and 28 ECTS in the second semester) being delivered and assessed during each semester: 4 semesters = 120 ECTS.</p>
Mobility Periods & Work Placements	<p>Each edition will undertake a first introductory year at DCU, and in the second year will have the opportunity to choose between two Study Tracks: A (Data Governance): AU; B (Cybersecurity): ULE.</p> <p>Computing Students will spend all of year 2 at either AU or ULE, specialising in either Data Governance or Cybersecurity. Law students will spend the first semester of year 2 specialising at AU or ULE, before gaining further training in Law and Ethics of AI in the second semester at UNIPI.</p>


	Students will have the opportunity to apply for an optional, non credit-bearing 3 month-long work placement in the first summer of the programme. In the second year, students have the opportunity to complete an internship linked to the final assessment at AU, ULE or UNIPI. All students will have a final assessment of a dissertation. This will be written in the second year at the PU where the Student has chosen to specialise.
Summer School	First and second year students will attend a summer school organised on a rotating basis by one of the PUs. The courses that are studied during the summer school are non-credit bearing.

Part B – Programme Structure




Year	1
Study Streams	Law + Computing
Area of specialisation	Introduction to Law, Data and Artificial Intelligence
Partner university	 Dublin City University
Language	English
Summer period	
Optional language module (non credit-bearing)	English for Academic Purposes (3 weeks; 20 hours per week; offered in August at DCU)
Semester 1	


Compulsory modules (20 ECTS)	1) Law and Computing Research skills (10 ECTS) 2) EU Data Protection Law (10 ECTS)
Optional modules (10 ECTS)	1) EU institutional law (10 ECTS) [Law Stream] 2) Contemporary legal issues in commercial practice (10 ECTS) [Law Stream] 3) Data management and visualisation (10 ECTS) [Computing Stream] 4) Cloud architecture (10 ECTS) [Computing Stream]
Optional language modules (5 ECTS; non-contributory)	1) Advanced English Language Skills 1 (5 ECTS) 2) Intermediate French Language Skills 5 (5 ECTS) 3) Intermediate Spanish Language Skills 5 (5 ECTS)
Semester 2	
Compulsory modules (20 ECTS)	1) Artificial Intelligence, Information and Information Seeking (10 ECTS) 2) Introduction to Data Governance (10 ECTS)
Optional modules (10 ECTS)	1) Comparative Privacy Law (10 ECTS) 2) European and International Human Rights Law (10 ECTS)
Optional language modules (5 ECTS; non-contributory)	1) Advanced English Language Skills 2 (5 ECTS) 2) Intermediate French skills 6 (5 ECTS) 3) Intermediate Spanish Language Skills 6 (5 ECTS)
Summer period	
Compulsory modules (non credit-bearing)	Summer school (organised on a rotating basis by one of the PUs in May)
Optional modules (non credit-bearing)	Work placement (May-August)


Study Stream	Law
Year	2
Study Track	A
Area of specialisation	Data Governance
Partner university	 Avignon Université
Language	French
Summer period	
Optional language module (non credit-bearing)	Intensive French Language Course (1 week, 12 hours, offered during the Welcome Week in September at AU)
Semester 3	
Compulsory modules (30 ECTS)	1) Advanced digital law (9 ECTS) a) Taxation of data (3 ECTS) b) IP, databases, software and networks (3 ECTS) c) Document management and archiving law (3 ECTS) 2) Regulation and strategies in a digital context (9 ECTS) a) Digital governance (3 ECTS) b) Yield management (3 ECTS)

	<ul style="list-style-type: none"> c) Information and strategic decision-making under uncertainty (3 ECTS) 3) Strategic information management (6 ECTS) <ul style="list-style-type: none"> a) Organisation of data accessibility and sharing (2 ECTS) b) Security and encryption key management (2 ECTS) c) Integration of predictive platforms (2 ECTS) 4) Professional practice (6 ECTS) <ul style="list-style-type: none"> a) Digital players (1 ECTS) b) Tutored project (3 ECTS) c) Methodology of the dissertation (1 ECTS) d) Professionalisation and internship search (1 ECTS)
Optional language module (non credit-bearing)	French as a Foreign language (weekly, 18hrs over the semester at AU)


Study Stream	Law
Year	2
Study Track	B
Area of specialisation	Cybersecurity
Partner university	 universidad de León Universidad de León
Language	Spanish
Summer period	
Optional language module (non credit-bearing)	Summer Spanish language courses (offered during the Summer months before the semester at ULE)
Semester 3	
Compulsory modules (30 ECTS)	<ul style="list-style-type: none"> 1) Technical aspects of cybersecurity: Hacking (4 ECTS) 2) Good practices in information security (4 ECTS) 3) Cybersecurity in business and business organizations (6 ECTS) 4) Digital Fundamental Rights (advanced) (4 ECTS) 5) Digital crimes (Cybercrime) (4 ECTS) 6) Freedom of information, privacy and data protection (4 ECTS) 7) Intellectual property (copyright) and measures of protection (4 ECTS)
Optional language modules (non credit-bearing)	<ul style="list-style-type: none"> 1) Three-month Spanish language courses (offered during the semester) 2) Reinforcement Spanish language courses (offered during the semester)

Study Stream	Law
Year	2

Study Tracks	A and B
Area of specialisation	Law and Ethics of AI
Partner university	 Università di Pisa
Language	English
Semester 4	
Compulsory modules (30 ECTS)	<ol style="list-style-type: none"> 1) Comparative Law of AI and New Technologies (6 ECTS) 2) Blockchain, Cryptocurrencies, and AI (6 ECTS) 3) Law and Ethics of AI (9 ECTS) 4) Internship and dissertation (9 ECTS)
Optional language modules (non credit-bearing)	Italian language courses (General, Specialist, or Intensive; offered during the semester)
Summer period	
Compulsory modules (non credit-bearing)	Summer school (organised on a rotating basis by one of the PUs in May)

Stream	Computing
Year	2
Study Track	A
Area of specialisation	Data Governance
Partner university	 Avignon Université
Language	French
Summer period	
Optional language module (non credit-bearing)	Intensive French Language Course (1 week, 12 hours, offered during the Welcome Week in September at AU)
Semester 3	
Compulsory modules (30 ECTS)	<ol style="list-style-type: none"> 1) Advanced digital law (9 ECTS) <ol style="list-style-type: none"> a) Taxation of data (3 ECTS) b) IP, databases, software and networks (3 ECTS) c) Document management and archiving law (3 ECTS) 2) Regulation and strategies in a digital context (9 ECTS) <ol style="list-style-type: none"> a) Digital governance (3 ECTS) b) Yield management (3 ECTS) c) Information and strategic decision-making under uncertainty (3 ECTS) 3) Strategic information management (6 ECTS) <ol style="list-style-type: none"> a) Organisation of data accessibility and sharing (2 ECTS)

	<ul style="list-style-type: none"> b) Security and encryption key management (2 ECTS) c) Integration of predictive platforms (2 ECTS) 4) Professional practice (6 ECTS) <ul style="list-style-type: none"> a) Digital players (1 ECTS) b) Tutored Project (3 ECTS) c) Methodology of the dissertation (1 ECTS) d) Professionalisation and internship search (1 ECTS)
Optional language module (non credit-bearing)	French as a Foreign language (weekly, 18hrs each semester)
Semester 4	
Compulsory modules (30 ECTS)	<ul style="list-style-type: none"> 1) Personal data (4 ECTS) <ul style="list-style-type: none"> a) Data and the protection of the individual (1 ECTS) b) GDPR audit (1 ECTS) c) Management of connected applications and objects (1 ECTS) d) Health data (1 ECTS) 2) Big data and artificial intelligence (4 ECTS) <ul style="list-style-type: none"> a) Audit of big data sources (1 ECTS) b) Incremental learning (1 ECTS) c) Data Crossing Algorithms (1 ECTS) d) Digital traces (1 ECTS) 3) Open data (4 ECTS) <ul style="list-style-type: none"> a) Steering Open data projects (1 ECTS) b) Statistical data services (1 ECTS) c) Smart cities and spatial data (1 ECTS) d) Data visualisation (1 ECTS) 4) Social data sciences (5 ECTS) <ul style="list-style-type: none"> a) Digital humanities and digital methods (2 ECTS) b) Tutored research (3 ECTS) 5) Internship and dissertation (13 ECTS) <ul style="list-style-type: none"> a) Methodological support for the dissertation (3 ECTS) b) Internship & Dissertation (10 ECTS)
Optional language module (non credit-bearing)	French as a Foreign language (weekly, 18hrs each semester)
Summer period	
Compulsory module (non credit-bearing)	Summer school (organised on a rotating basis by one of the PUs)

Stream	Computing
Year	2
Study Track	B
Area of specialisation	Cybersecurity
Partner university	 Universidad de León
Language	Spanish

Summer period	
Optional language module (non credit-bearing)	Summer Spanish language courses (offered during the Summer months before the semester at ULE)
Semester 3	
Compulsory modules (29 ECTS)	<ol style="list-style-type: none"> 1) Foundations of cybersecurity (4 ECTS) 2) Secure design and programming (4 ECTS) 3) Trustworthy systems I (5 ECTS) 4) Cryptography (4 ECTS) 5) Forensic Analysis (4 ECTS) 6) Security in cyberphysical systems (4 ECTS) 7) Software analysis I (4 ECTS)
Optional modules (3 ECTS)	<ol style="list-style-type: none"> 1) Practicum I (3 ECTS) 2) Industrial Security I (3 ECTS) 3) Machine learning (3 ECTS)
Optional language modules (non credit-bearing)	<ol style="list-style-type: none"> 1) Three-month Spanish language courses (offered during the semester) 2) Reinforcement Spanish language courses (offered during the semester)
Semester 4	
Compulsory modules (22 ECTS)	<ol style="list-style-type: none"> 1) Cybersecurity law (4 ECTS) 2) Mobile and distributed systems (4 ECTS) 3) Security audit (4 ECTS) 4) New trends and research in cybersecurity (4 ECTS) 5) Dissertation (6 ECTS)
Optional modules (6 ECTS)	<ol style="list-style-type: none"> 1) Practicum II (3 ECTS) 2) Practicum III (3 ECTS) 3) Foundations of Machine Learning and cybersecurity applications (3 ECTS) 4) Network modelling and applications to cybersecurity (3 ECTS) 5) Trustworthy systems II (3 ECTS) 6) Software analysis II (3 ECTS) 7) Authentication technologies in cybersecurity (3 ECTS) 8) Industrial security II (3 ECTS) 9) Machine learning application to cybersecurity and cybercrime (3 ECTS)
Optional language modules (non credit-bearing)	<ol style="list-style-type: none"> 3) Three-month Spanish language courses (offered during the semester) 4) Reinforcement Spanish language courses (offered during the semester)
Summer period	
Compulsory module (non credit-bearing)	Summer school (organised on a rotating basis by one of the PUs)

Annex 2 - Tuition Fees

Annual Tuition Fee for the Edition 2022-24

- EU/EEA/CH/UK – **€8,606** per annum
- Non EU/EEA/CH/UK - **€16,430** per annum

The Student will pay **to the Coordinating Institution** the published annual tuition fee for the Programme each academic year. The DCU bank details are as follows:

- Account Name: DCU FEES
- Account Number: 43170288
- Account NSC: 932221
- IBAN: IE12 AIBK 932221 43170288
- BIC: AIBKIE2D

The annual tuition fee can be paid in a **single payment or in two instalments** (EU students only). Should the student hold a Full Scholarship their tuition and all other compulsory programme costs will be met in full by this award. Should the Student hold a Partial Fee Waiver they will be responsible for the payment of Year 1's tuition fees only. For self-funded students who are not in receipt of a Partial Fee Waiver, the fees in Year 2 of the Programme will be the same as in Year 1.

A **late fine of €170** is applied to all payments received after the due date in semester 1 and 2. All accounts will be blocked on this date if payment is not received. Should the Student not pay their outstanding tuition fees in Year 1 of the Programme they will not be able to register for their second year of study. Should the Student have a tuition fee debt in Year 2 of the Programme they will not be permitted to graduate until this debt is cleared.

For speedy and efficient payment to the student account, please quote with all submissions your:

- Student ID number
- Full surname and first name

You can make payment with any of the following **methods**:

- **Online Payments:** E-payments are the most efficient and speedy method of payment. Please use the link provided on our website (please note you will need your username and password). All credit cards/debit cards, except American Express, are acceptable.
- **Third Party Payments - Easy Pay:** A convenient method of payment can be made by parents/third parties by ringing our easy pay number 00 353 (01) 2530219. The student ID number and date of birth are needed for this method of payment.
- **Pay to Study method:** For International student payments the most efficient and speedy way to pay your fees is through the Pay to Study method. For more information visit: dcu.studentfees.ie

Please note payment cannot be made by **cheque**. From September 19th 2014, all Government Departments, Local Authorities and State Agencies will **no longer accept/distribute cheques**

Receipts are issued to all students by email when payment is made. Please ensure that you hold onto your receipt if required for tax purposes. Receipts can also be reprinted via your student apps under the Student Fees Menu option.

Annex 3 - Full Scholarship Payment Schedule

Scholarship-holding students will receive **€1400 per month** for the duration of the programme (September 2022-August 2024). Payments will be paid by SEPA bank transfer in the last week of each calendar month.

Payments will be paid to you by Dublin City University to a [SEPA bank account](#) which you can already have or which you can set up on your arrival in Dublin. Scholarship-holding students will be asked to provide their bank details during the first week of September 2022.

Students must be registered with the coordinating institution by the specified deadline in order to receive any scholarship payments.