

International Summer School on **Artificial Intelligence and Criminal Justice**

12-16 July 2021

LUISS



Course Information

The International Summer School on “AI and Criminal Justice”, organized by Luiss School of Law in cooperation with Goethe University Frankfurt am Main is an advanced course which gives a comprehensive and up-to-date overview of the interrelations between AI and criminal justice.

The course is one-of-a-kind, as it will bring together internationally recognized academics and practitioners who will co-teach during the interdisciplinary modules of the course.

The course is based on a blended learning model and it will be held both in presence at Luiss University and through Webex online platform.

Course objectives: The International Summer School on “AI and Criminal Justice” aims at providing participants with a comprehensive knowledge, as well as conceptual and normative tools to understand and manage opportunities and threats brought by the latest AI developments in the different areas of criminal justice. To this purpose, the course will primarily give a solid background on how algorithms work, essential in order to gain a full expertise to combine the related advantages and disadvantages. Afterwards, lessons will be focused on AI applications in the criminal justice area, exploring the use of AI as a supportive tool in the public and private sectors and training participants’ skills to frame and solve the criminal liability issues related to these new agents coming on to stage.

Target: The International Summer School on “AI and Criminal Justice” is an advanced course open to graduates, PhD students, post-doctoral researchers as well as to practitioners from public and private sectors who intend to acquire an interdisciplinary and in-depth knowledge in the cutting-edge area of AI and criminal justice in its most recent developments at the international level.

Course grading: 80% final exam and 20% class participation. The final exam consists in writing a short paper on a specific topic addressed during the course and approved by the coordinator/tutor.

Key Facts

Location:
Rome

Duration:
5 days

Language:
English

Dates:
July 12th-16th, 2021

Academic Directors:
Prof. Dr. Christoph Burchard
Prof. Dr. Antonio Gullo
Prof. Dr. Giuseppe F. Italiano

Contact Hours:
31 hours

Credits:
3 ECTS



Academic Program

Check the Faculty on our website

Monday 12 July 2021

Morning 9:30 am-12:30 pm
Afternoon 2:00 pm-6:00pm
Presentation of the Programme
Module 1: Artificial Intelligence and Algorithms
Introduction to Artificial Intelligence and Machine Learning Algorithms
Artificial Intelligence and Algorithms

Tuesday 13 July 2021

Morning 9:30 am-12:30 pm
Afternoon 2:00 pm-6:00pm
Module 2: Agency and Responsibility for and of Harmful Artificial Intelligence
AI Agents' Criminal Liability
The Implications of Artificial Intelligence on The Financial Sector.
Market Manipulation by High Frequency Traders

Wednesday 14 July 2021

Morning 9:30 am-12:30 pm
Afternoon 3:30 pm-5:30 pm
Module 3: The Use of Algorithms to Prevent Crimes AI and Cybersecurity
Predictive Policing Algorithms: General Introduction and Concrete Applications

Thursday 15 July 2021

Morning 9:30 am-12:30 pm
Afternoon 3:00 pm-5:30 pm
Module 4: Artificial Intelligence and Criminal Compliance Roundtable. Artificial Intelligence and Criminal Compliance Practical Lab

Friday 16 July 2021

Morning 9:30 am-12:30 pm
Afternoon 3:30 pm-5:30pm
Module 5: The Use of Risk Assessment Algorithms in the Decision-Making Processes
Algorithmic Risk Assessment in The Decision-Making Processes
Algorithmic Risk Assessment in Sentencing

Check the program on our [website](#)
With the support and participation of Elettronica Group

Practical Information

How to Apply and Selection Procedure

Admission is based on the assessment of CV of the candidate and a short cover letter.

A good command of written and spoken English is required.

In order to take part to the admission procedures, the applicant is required to have a Master's Degree, or an equivalent degree from a foreign University.

Applicants are required to

- I Fill the online application form
- I Upload a copy of an identity document (passport or National ID Card where applicable)
- I Upload a detailed academic and professional CV
- I Upload a short cover letter (1-page maximum).
- I Successful candidates will be informed of admission by email.

Tuition fees and deadlines

1200 € Luiss students and graduates will receive a 10% tuition fee reduction

- I Deadline Applications: by 30 June 2021
- I Early bird Applications: by 15 June 2021. Early bird applications will receive a 10% tuition fee reduction.

Feed include:

Reading materials, Internet access, Free shuttle bus among Luiss Campuses, Access to Luiss facilities (cafeteria, library, Loft, Language Café), Discount for eating at the canteen.

Accommodation

Luiss can offer various accommodation facilities (University residences and private housing options). Further information will be shared with interested participants.

About Luiss University

The Summer School will take place at Viale Pola campus, Luiss University, in the heart of Rome. Luiss – Libera Università Internazionale degli Studi Sociali Guido Carli – is an independent university. It was created out of a pre-existing Roman institution, Pro Deo, between 1974 and 1978.

Luiss offers an innovative educational approach at its four Departments: Economics and Finance, Business and Management, Law, and Political Science. Its goal is not simply to convey knowledge but to instill flexibility in young people, giving them a sense of mastery over their future.

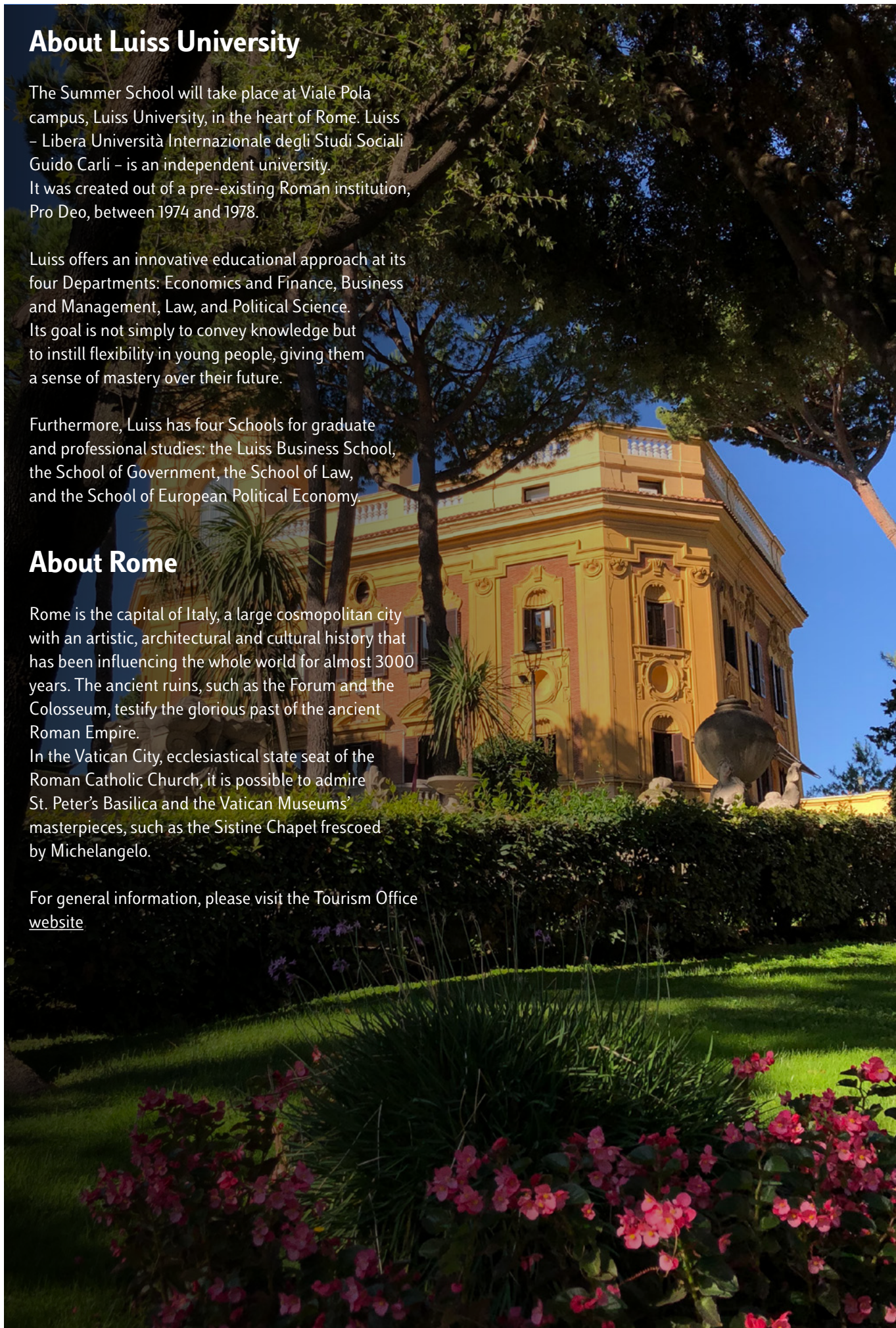
Furthermore, Luiss has four Schools for graduate and professional studies: the Luiss Business School, the School of Government, the School of Law, and the School of European Political Economy.

About Rome

Rome is the capital of Italy, a large cosmopolitan city with an artistic, architectural and cultural history that has been influencing the whole world for almost 3000 years. The ancient ruins, such as the Forum and the Colosseum, testify the glorious past of the ancient Roman Empire.

In the Vatican City, ecclesiastical state seat of the Roman Catholic Church, it is possible to admire St. Peter's Basilica and the Vatican Museums' masterpieces, such as the Sistine Chapel frescoed by Michelangelo.

For general information, please visit the Tourism Office [website](#)





With the support
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This initiative is built
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