



UNIVERSITÀ DI PAVIA  
Dipartimento di  
Scienze Politiche e Sociali



International School  
in Digital Governance



12, 13, 19, 20, 26, 27 november 2021 | University of Pavia

[digitalgovernance.unipv.it/homepage-en](https://digitalgovernance.unipv.it/homepage-en)

## PARTNERS & SPONSORS



UNIVERSITÀ DI PAVIA  
Dipartimento di  
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Organizzazione e governance  
della pubblica amministrazione



FONDAZIONE GIANDOMENICO ROMAGNOSI  
SCUOLA DI GOVERNO LOCALE

## THE COURSE

The first edition of the International School in Digital Governance will start on November 12th 2021. The course is delivered by the Departmental Center for Legal, Historical and Social Studies on the Environment and Territory Management of the Department of Political and Social Sciences and the Interdepartmental Research Center for the organization and governance of the Public Administration of the University of Pavia, in collaboration with the Department of Internal Medicine and Medical Therapy, Romagnosi Foundation "School of Local Government" and Appleby.

The International School in Digital Governance aims to provide participants with a sound framework of digital management, now crucial for increasing competitiveness and efficiency. The focus of this advanced training course is on Big Data, AI and implementation of digitalization processes. On completion of the course, the participants will walk away with profound knowledge on how data and software are used to make decisions and how to integrate Big Data and AI into business strategies and processes.

The International School in Digital Governance is led by a powerful team of global experts who share their knowledge in the form of case studies, research and discussions.

The guest experts have relevant positions in international companies and consulting firms, as well as in European institutions, and are supported by Italian and foreign professors of proven expertise.

The course consists of three modules: I. Digital governance and Big Data; II. Information Security and Digital Transformation; III. AI, Machine Learning and Predictive Analysis. For each of the modules, there are two days of lessons held over the three weekends from November 12th to 27th, 2021. Classes are held in English and it will take place at the main building of the University of Pavia. Video lessons will also be provided.

There are 30 places available. The programme is designed for Chief Executive Officer, Chief Information Officer, Chief Security Officer, Chief Data Officer, Chief Technology Officer and other C-Suite officers; high-level officials and executives of public sectors; professionals in healthcare, financial services, transportation, utilities, education; anyone willing to consolidate their current management position in innovative organizations, both in the private and public sector.

Afterwards, the International School in Digital Governance will publish a research report with the most innovative contents, analysis and suggestions highlighted during the course by participants and guest experts.

**The International School in Digital Governance is accredited by the National Forensic Council for n. 18 professional training credits (3 per day).**

## GOALS

The International School in Digital Governance is aimed at developing the managerial skills needed to govern digital change within companies, ensuring a transversal and widely multidisciplinary preparation on the dimensions of big data and artificial intelligence analysis, as well as potential applications in terms of organizational and management solutions. The School was born from the basic idea that the preparation for the unknown inherent in innovation strategies cannot ignore the acuition of the sensitivity of individuals, seen in the systemic perspective of the group in which they operate.

On completion of the International School in Digital Governance, the participants will walk away with:

- a deep understanding of the impact of technologies on organizational processes;
- a robust preparation in order to deal with digital transformation and technological adaptation;
- a very wide variety of skills needed to manage digital changes within companies and organizations;
- a profound knowledge on how data is used to make decisions and how to integrate Big Data and AI into business strategies and processes;
- a thorough understanding on which tools and software are used for implement digital governance within companies and organizations.

The School is promoted by the Future Lab active at the Departmental Centre for Legal, Historical and Social Studies on the Environment and Territory Management of the Department of Political and Social Sciences of the University of Pavia, in collaboration with the Interdepartmental Research Centre "Organization and Governance of Public Administration" of the University of Pavia, the Department of Internal Medicine and Medical Therapy of the University of Pavia, Romagnosi Foundation "School of Local Government" and Appleby.

The lessons will be carried out by international experts in digital governance and data science currently working in institutions, companies and large international companies, by high-level officials of public administration and by Italian and foreign university professors. The experience of the speakers involved will provide an in-depth understanding of how data are used to make decisions, how to integrate Big Data and AI in business strategies and processes and what tools and software to implement digital governance at multiple levels of application.

## WHO SHOULD ATTEND

The programme is designed for:

- Italian and foreign PhD students and researchers;
- Chief Executive Officer, Chief Information Officer, Chief Security Officer, Chief Data Officer, Chief Technology Officer and other C-Suite officers;
- High-level Officials and Executives of public sectors;
- Professionals in healthcare, financial services, transportation, utilities, education;
- Anyone willing to consolidate their current management position in innovative organizations, both in the private and public sector.



## PROGRAMME STRUCTURE

The lessons of the International School in Digital Governance will be held in English. They will be held in the presence, in the beautiful setting of the historic classrooms of the Headquarters of the University of Pavia, current in Corso Strada Nuova 65. In any case, while privileging attendance, the possibility of remote use through interactive webinars will be guaranteed in case of impossibility to take place or to move related to the health emergency. The Course is articulated in three modules having as object the use of Big Data and Artificial Intelligence in business processes. For each of the modules there are two days of training, for a total of six days of lessons, which will be held on weekends. Below, the articulation of the modules and lessons:

### INDUCTION TO DIGITAL TRANSFORMATION (ONLINE)

#### 1ST MODULE: DIGITAL GOVERNANCE AND BIG DATA

- DIGITAL GOVERNANCE FRAMEWORKS, STRATEGIES AND PROCESSES
- BIG DATA FOR BUSINESS DECISIONS

#### 2ND MODULE: INFORMATION SECURITY AND DIGITAL TRANSFORMATION

- CYBERSECURITY AND RISK MANAGEMENT
- DIGITAL BUSINESS TRANSFORMATION: BUILDING A BUSINESS OR ORGANIZATIONAL DATA INFRASTRUCTURE

#### 3RD MODULE: AI, MACHINE LEARNING AND PREDICTIVE ANALYSIS

- AI TECHNIQUES AND APPLICATIONS WITHIN COMPANIES AND PUBLIC ADMINISTRATIONS: ORGANIZATIONAL, TECHNICAL AND LEGAL PERSPECTIVES
- MACHINE LEARNING AND PREDICTIVE ANALYSIS TECHNIQUES: IMPLEMENTATION METHODS

The participants who have followed at least 70% of the lessons will receive a certificate, after delivering a project work on one of the topics covered by the course. The course uses innovative teaching methods aimed at involving participants in the training and learning process. We intend to structure the course with the following teaching components:

Technical overview

Emerging trends

Case studies

Business game

At the end of the School, the Faculty will produce a publication, both in English and in Italian, with the contents covered during the course and with specific interviews at the speakers. This publication will have an academic and operational scope.

## FACULTY AND GUEST SPEAKERS

The advanced Training Course is delivered by the Departmental Center for Legal, Historical and Social Studies on the Environment and Territory Management of the Department of Political and Social Sciences and the Interdepartmental Research Center for the organization and governance of the Public Administration of the University of Pavia, in collaboration with the Department of Internal Medicine and Medical Therapy, Romagnosi Foundation "School of Local Government" and Appleby.

- Programme Director: Alessandro Venturi
- Programme Deputy Director: Silvia Figini
- Programme Coordinators: Stefano Regondi, Giuseppe Carlo Ricciardi
- Faculty: Enrico Bagli, Giovanni Cordini, Alberto Culatina, Stefano Denicolai, Silvia Figini, Pietro Previtali, Stefano Regondi, Giuseppe Carlo Ricciardi, Alessandro Venturi
- Programme Organizational Secretariat: Sabrina Spaghi, Letizia Reale
- Guest Experts: Alessandro Venturi, Silvia Figini, Stefano Regondi, Giuseppe Carlo Ricciardi, Alberto Culatina, Pietro Previtali, Fabrizio Rienzi, Raoul Chiesa, Manfo Zagmo, Giuliano Tavaroli, Enrico Bagli, Giulio Natale, Selene Giupponi, Giulio Pasi, Carlo Torniai, Giovanni Ziccardi

## TIMETABLE

The lessons will be held in the presence of the Headquarters of the University of Pavia, currently on Corso Strada Nuova 65. In any case, while privileging attendance, it will be possible to use the lectures remotely through interactive webinars in case of impossibility to take place or to travel due to the health emergency. The lessons will take place on the following days:

- Friday 12th November 2021 (2.00 p.m.-8.00 p.m.): Digital governance and Big Data
- Saturday 13th November 2021 (10.00 a.m.-5.00 p.m.): Digital governance and Big Data
- Friday 19th November 2021 (2.00 p.m.-8.00 p.m.): Information Security and Digital Transformation
- Saturday 20th November 2021 (10.00 a.m.-5.00 p.m.): Information Security and Digital Transformation
- Friday 26th November 2021 (2.00 p.m. - 8.00 p.m.): AI, Machine Learning and Predictive Analysis
- Saturday 27th November 2021 (10.00 a.m.-5.00 p.m.): AI, Machine Learning and Predictive Analysis

## ENROLMENTS AND COSTS

Registration fee: 1.800,00 euro to be paid by October 25th, 2021.

Reduction of the registration fee for those who register by September 30th, 2021: 1.500,00 euro.

Payment must be made in a single instalment and must be made (for private companies and individuals) through PagoPA - Payments Portal University of Pavia at <https://pagamenti.unipv.it>, selecting "Department of Political and Social Sciences" as the reason for payment and indicating your name and surname and the corresponding wording among the following:

- "Early Enrolment School Digital Governance" (1,500.00 euro)
- "Ordinary enrolment School Digital Governance" (1,800.00 euro)
- "Early enrolment School Digital Governance - I instalment" (750,00 euro)
- "Early enrolment School Digital Governance - II instalment" (750,00 euro)

On the website of the School - [digitalgovernance.unipv.it/homepage-en](https://digitalgovernance.unipv.it/homepage-en) - on the page "Enrolments and costs" you can find a tutorial for payment on the PagoPA Portal of the University of Pavia.

For public institutions the procedure is indicated directly by the School Organizing Secretariat, whose contacts are indicated below.

Registration is completed by sending an email to [segreteria@fondazioneromagnosi.it](mailto:segreteria@fondazioneromagnosi.it) or to [fromagnosi@pcert.postecert.it](mailto:fromagnosi@pcert.postecert.it) with:

- the payment receipt received by the PagoPA portal
- the registration form attached to this programme, also available on the website [digitalgovernance.unipv.it/homepage-en](https://digitalgovernance.unipv.it/homepage-en), duly completed and signed

## CONTACTS

### International School in Digital Governance

[digitalgovernance.unipv.it/homepage-en](https://digitalgovernance.unipv.it/homepage-en)

University of Pavia

Department of Political and Social Sciences

Corso Strada Nuova 65, Pavia

Organisational secretariat:

Romagnosi Foundation - School of Local Government

E-mail: [segreteria@fondazioneromagnosi.it](mailto:segreteria@fondazioneromagnosi.it) [fromagnosi@pcert.postecert.it](mailto:fromagnosi@pcert.postecert.it)

Phone: +39 0382 539676 Mobile phone: +39 392 3764850



**REGISTRATION FORM**

**INTERNATIONAL SCHOOL IN DIGITAL GOVERNANCE**

**12, 13, 19, 20, 26, 27 november 2021 | University of Pavia**

[digitalgovernance.unipv.it/homepage-en](https://digitalgovernance.unipv.it/homepage-en)

Registration is completed by filling in this form, which must be returned, together with the payment receipt received from the PagoPA portal, by 25 October 2021 (30 September 2021 in case of early registration) to the email address [segreteria@fondazioneromagnosi.it](mailto:segreteria@fondazioneromagnosi.it) or to [fromagnosi@pcert.postecert.it](mailto:fromagnosi@pcert.postecert.it)

FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_  
COMPANY/INSTITUTION \_\_\_\_\_  
ADDRESS \_\_\_\_\_ ZIP CODE \_\_\_\_\_  
CITY \_\_\_\_\_ PHONE \_\_\_\_\_  
E-MAIL \_\_\_\_\_  
FISCAL CODE (FOR CREDITS) \_\_\_\_\_  
ORDER OF MEMBERSHIP (FOR CREDITS) \_\_\_\_\_

**INVOICE**

FIRST NAME/LASTE NAME \_\_\_\_\_  
COMPANY/INSTITUTION \_\_\_\_\_  
ADDRESS \_\_\_\_\_ ZIP CODE \_\_\_\_\_  
CITY \_\_\_\_\_ PHONE \_\_\_\_\_  
E-MAIL \_\_\_\_\_  
VAT NUMBER \_\_\_\_\_  
FISCAL CODE \_\_\_\_\_  
ELECTRONIC INVOICING \_\_\_\_\_

The above mentioned data are aimed at fulfilling legal and contractual obligations (organization of training) and will be processed only in compliance with the Privacy Law and GDPR 679/2016. I consent to the processing of the above data for the purposes of organising training.

**DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_**

