



AI Bachelor of Science
in Artificial Intelligence

Welcome

24/9/2024 - Milano Bicocca U4-08



UNIVERSITÀ
DEGLI STUDI
DI MILANO



UNIVERSITÀ
DI PAVIA

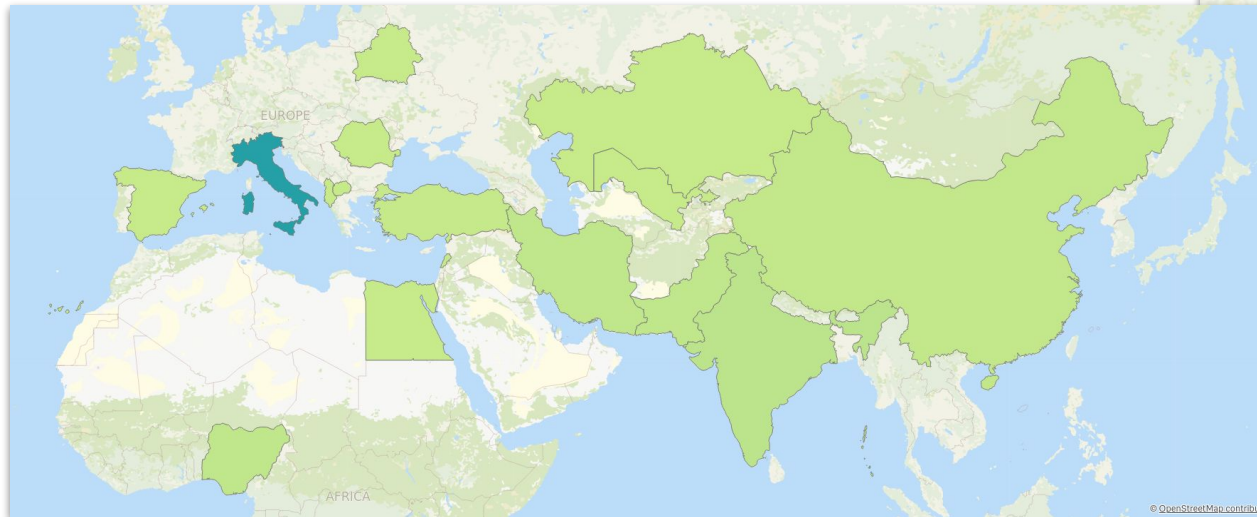
Outline

1. Introducing each other
2. Organization
3. Online resources
4. Questions and Answers

prof. Claudio Cusano
claudio.cusano@unipv.it

Our students

- 180 students
- 50 extra UE



Our universities





A

Organization

Services

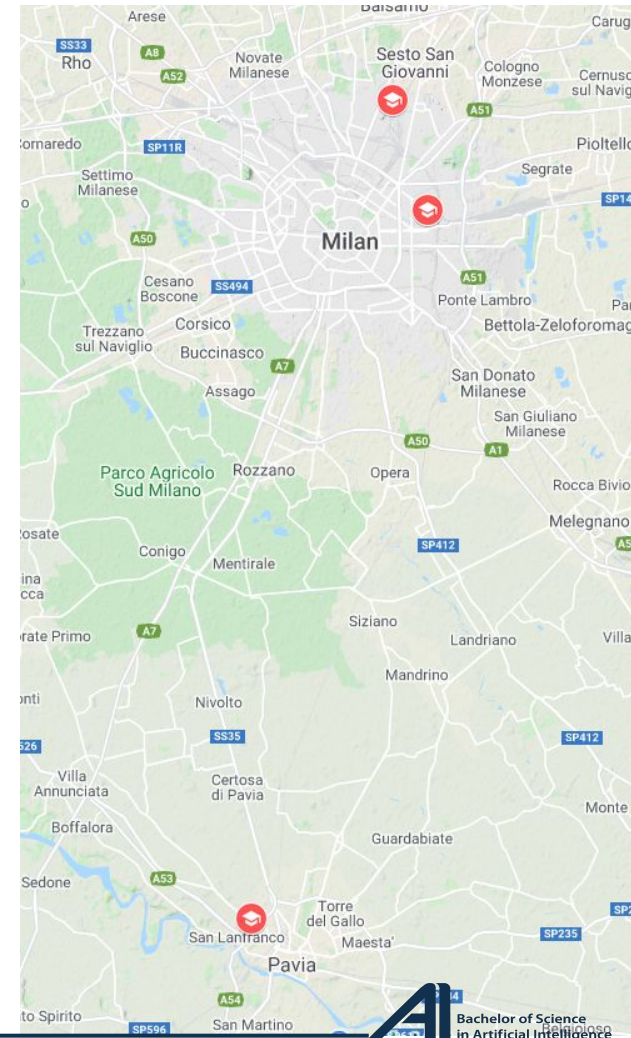
- Students are enrolled at the University of Pavia
- They will also be automatically registered by the other two universities
 - It may take some time...
- All the services will be granted by the three universities (laboratories, libraries...)
- Except for scholarships and residences (PV only)

Location

Lessons are held in all 3 Universities

- First year
 - 1st semester: Milano
 - 2nd semester: Pavia
- Second year
 - 1st semester: Pavia
 - 2nd semester: Milano
- Third year
 - 1st semester: Milano
 - 2nd semester: Milano

Milano = Statale and Bicocca

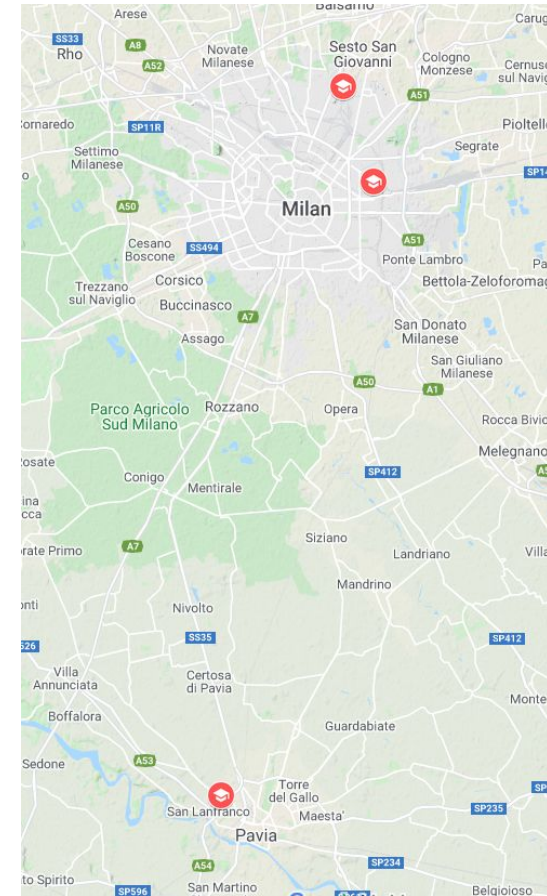


Transportation

For one semester each year it possible to get 75% of discount on the train line between Milano and Pavia (monthly pass)

A special card must be requested by following the rules published on the website

Only one semester each year can be taken



Calendar

1st semester	from Sep 30 to Jan 20	lectures	Milano-Statale and Milano-Bicocca
1st session	from Jan 21 to Feb 28	exams	Milano-Statale
2nd semester	from Mar 3 to Jun 13	lectures	Pavia
2nd session	from Jun 16 to Aug 1	exams	Pavia
3rd session	from Sep 1 to Sep 26	exams	Milano-Bicocca

Lectures

- Lectures are given live in the classrooms
- Attending the lectures is recommended, but not required
- Attending the labs is strongly recommended
- Recordings of the lectures may be available for offline viewing, depending on the teacher

Courses

First year

First semester

Second semester

Knowledge representation and reasoning

Computer programming, algorithms and data structures

Calculus

Computational logic

Theoretical and computational linear algebra

Experimental physics for AI

Cognitive psychology

Timetable

from	to	Milano Bicocca MONDAY	Milano Statale TUESDAY	Milano Statale WEDNESDAY	Milano Bicocca THURSDAY	Milano Statale FRIDAY
8:30	9:30	Knowledge Representation and Reasoning (U1-09)	Calculus (V3)	Computational Logic (208)	Experimental Physics for AI (U1-09)	Computational Logic (V3)
9:30	10:30			Computational Logic (DI Labs)		
10:30	11:30	Experimental Physics for AI (U1-09)	Computer Programming (V3)	Computer Programming (DI Labs)	Knowledge Representation and Reasoning (U1-09)	Calculus (V3)
11:30	12:30					
12:30	13:30					
13:30	14:30		Computer Programming (V3)			Calculus (tutoring) (V3)
14:30	15:30	Experimental Physics for AI (Lab U9b-1102 *)		Computer Programming (tutoring) (DI Labs)		
15:30	16:30					
16:30	17:30					
17:30	18:30					

Exams

- For each course there is an exam, with grades in the range 18-30
 - Some courses span two semesters and are divided in two modules, each with a separate test
 - For courses divided in modules, only when both have been passed, they are officially recorded (e.g. they **count for scholarships**)
- For each course or module there are six dates in which you can take it
 - two in january/february, two in june/july and two in september

Exams

- Exams are hard! They may require multiple attempts
 - Taking all exams as soon as you can may not be the best strategy
 - Plan carefully which exam you want to take, and when
- You don't need to pass a given number of exams to get to the 2nd year
 - 80% would be very good, 50% may still be acceptable

OFA in mathematics

- OFA = Obbligo Formativo Aggiuntivo (additional training obligation)
 - If your result in mathematics was below 9/20 you have an OFA
 - If you don't fix it, you won't be able to enroll in the second year
- First option (recommended): take the pre-course

https://learn.eduopen.org/eduopenv2/course_details.php?courseid=457

- Pass a test (first on 25 September, next in October/November)
- **The online test is useful, but does not fix the OFA**
- Second option: pass the final Calculus exam
- OFA are managed by Prof. Luca Rondi, teacher of Calculus,
(luca.rondi@unipv.it email him to participate to the test on Sept. 25)

Even if you don't have the OFA, consider taking the pre-course

A network of blue lines and dots on a light blue background. The lines connect various points, creating a complex web of connections. The dots are small and blue, scattered across the network. The background is a gradient of light blue, with some darker blue areas where the network is denser.

A

Online resources

Home page

<https://bai.unipv.it/>

Bachelor of Science in Artificial Intelligence / Laurea Triennale in Intelligenza Artificiale

Watch later Share

AI

Bachelor of Science in Artificial Intelligence

Thinking and designing the future

UNIVERSITÀ DEGLI STUDI
NICCOLO MICOCCA










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DI MILANO

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DI PAVIA

Watch on YouTube

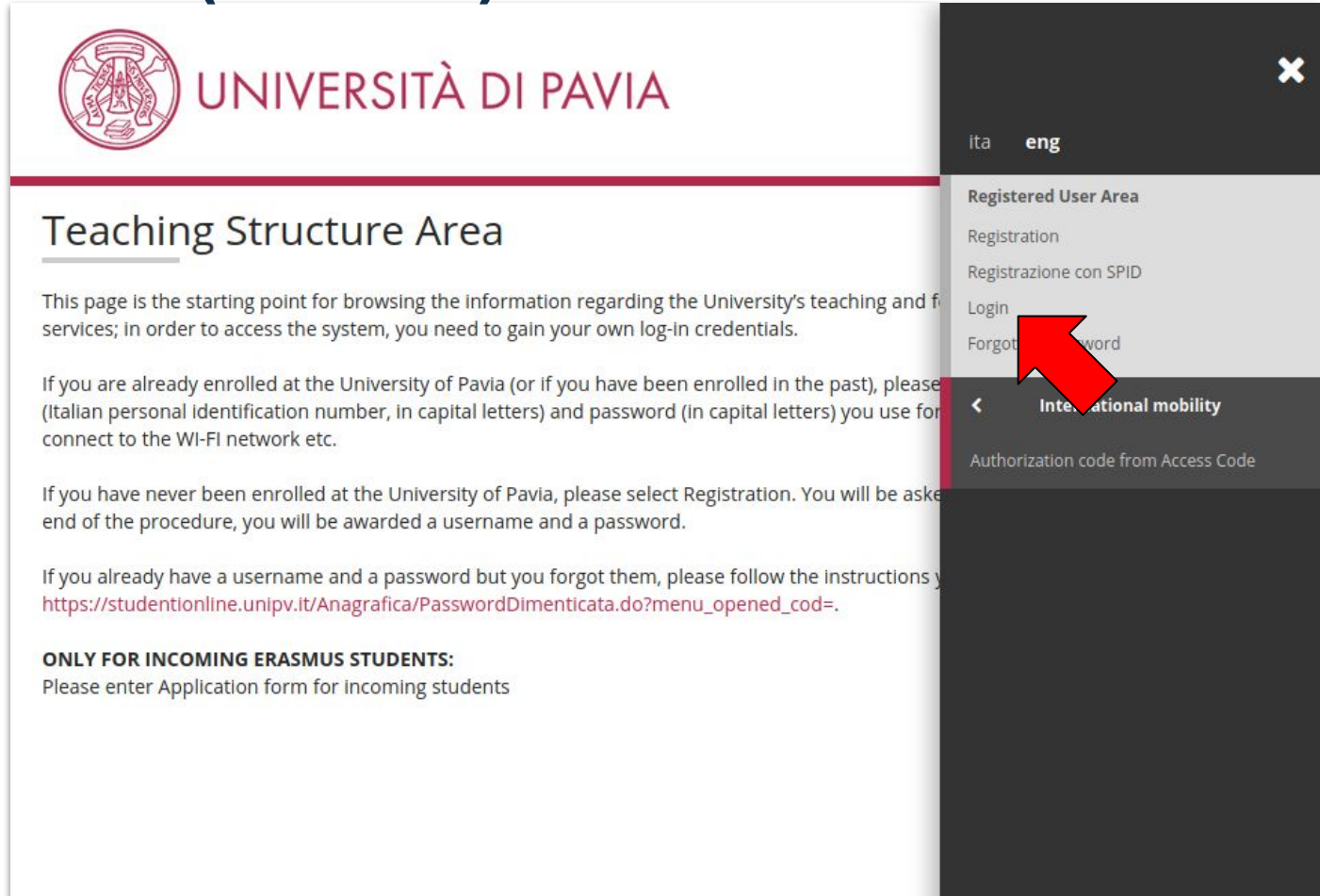
DISCOVER


Bachelor of Science in Artificial Intelligence

 Course Overview	 Location: Pavia - Milano	 Language: English
 Study Plan	 Application	 Tuition Fee
 Scholarship	 Career Opportunities	 Enrolled Students



Personal area (ESSE3)



 UNIVERSITÀ DI PAVIA

Teaching Structure Area

This page is the starting point for browsing the information regarding the University's teaching and services; in order to access the system, you need to gain your own log-in credentials.

If you are already enrolled at the University of Pavia (or if you have been enrolled in the past), please enter your personal identification number (Italian personal identification number, in capital letters) and password (In capital letters) you use for connect to the WI-FI network etc.

If you have never been enrolled at the University of Pavia, please select Registration. You will be asked to enter your personal identification number and password. At the end of the procedure, you will be awarded a username and a password.

If you already have a username and a password but you forgot them, please follow the instructions you will find at the following link: https://studentionline.unipv.it/Anagrafica/PasswordDimenticata.do?menu_opened_cod=.

ONLY FOR INCOMING ERASMUS STUDENTS:
Please enter Application form for Incoming students

ita eng

Registered User Area

- Registration
- Registrazione con SPID
- Login
- Forgot password

International mobility

Authorization code from Access Code

<https://studentionline.unipv.it>

Kiro

UNIVERSITÀ DI PAVIA
Servizio Innovazione Didattica e Comunicazione Digitale

ALL COURSES REQUEST ENGLISH (EN)

KIRO
La piattaforma didattica dell'Università di Pavia

E-LEARNING

KIRO
La piattaforma E-Learning della didattica dell'Università degli Studi di Pavia. La piattaforma è suddivisa in diverse aree comprendenti gli oltre 90 Corsi di Studio.

- Economia
- Scienze Politiche
- Comunicazione
- Giurisprudenza
- Farmacia
- Ingegneria
- Studi Umanistici
- Psicologia
- Area Sanitaria
- Scienze Motorie
- Musicologia e Beni Culturali
- Area Scientifica

Hai qualche domanda?

- Come posso recuperare le credenziali di accesso?
- Cosa si intende per "iscriversi ad un corso"?

<https://elearning.unipv.it>

Kiro

▼ Area Scientifica

▼ [L-31] Artificial Intelligence

▶ Anno 2021-22

▶ Anno 2022-23

▼ Anno 2023-24

☰ 509477 - COMPUTER PROGRAMMING, ALGORITHMS AND DATA STRUCTURES - MOD. 2 - PROF. DONDI PIERCARLO ⓘ



☰ 509488 - TEXT MINING AND NATURAL LANGUAGE PROCESSING - PROFF. PASI GABRIELLA, GUASTI MARIA TERESA, RAGANATO ALESSANDRO ⓘ



☰ 509479 - KNOWLEDGE REPRESENTATION AND REASONING - MOD. 1 (509478 - KNOWLEDGE REPRESENTATION AND REASONING) - PROF. PENALOZA NYSSSEN RAFAEL ⓘ



☰ 509477 - COMPUTER PROGRAMMING, ALGORITHMS AND DATA STRUCTURES - MOD. 1 - PROF. STEFANO FERRARI ⓘ



☰ 509518 - MATHEMATICS FOR IMAGING AND SIGNAL PROCESSING - PROFF. COZZI MATTEO, ASPRI ANDREA ⓘ



☰ 509481 - CALCULUS - PROF. RONDI LUCA ⓘ



☰ 509513 - BRAIN-INSPIRED NEURAL NETWORKS AND NEURAL ARCHITECTURES - MOD. 1 & 2 - PROF.SSA PALESI FULVIA ⓘ



☰ 509492 - THEORETICAL AND QUANTUM PHYSICS FOR AI - PROF. GHERARDI MARCO ⓘ



☰ 509494 - BRAIN MODELLING - PROF.SSA CASELLATO CLAUDIA ⓘ



☰ 509515 - ARTIFICIAL INTELLIGENCE AND SOCIETY - PROF. ZANOTTI GIACOMO ⓘ



<https://elearning.unipv.it>

Contacts

- General questions: artificial.intelligence@unipv.it
- Administrative issues “Filo diretto”:
<https://filodiretto.unipv.it/it/page/79234>
- Advices, or “special” issues: claudio.cusano@unipv.it
- Help from the tutor Nicolò Cappa: contact him on the students’ chat



Q & A

Questions?