



ERASMUS+ Blended Intensive Program in Artificial Intelligence in Health and Sport

BIP STUDENT HANDBOOK



UNIVERSITÀ DI PARMA



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Dear student,

Congratulations for having been selected as exchange student for the participation in the ERASMUS+ Blended Intensive Program (BIP) in Artificial Intelligence in Health and Sport. As you already know, BIPs are modern and challenging programs carried out in close collaboration between three or more Higher Education Institutions (HEIs), mixing virtual and physical courses. The BIP in Artificial Intelligence in Health and Sport is run in close collaboration with the University of Extremadura (Spain), the University of Évora (Portugal), the Atlantic Technological University (Ireland), the Otto-von-Guericke Universität Magdeburg (Germany).

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The physical period of the blended program is planned for the period 17th – 21st June 2024 at the University of Parma, while the virtual courses will take place from 24th June to 12th July 2024. Focusing now on the physical part of the program, we are looking forward to having you in Parma as Exchange Student!

The aim of this guide is to provide you with guidance for the duration of the entire exchange period, starting with the Application procedures up to the Recognition of activities that you will carry out during your mobility at the University of Parma, including some tips to manage your stay in Parma.

Here are some initial pointers:

- The staff operating at the University International Relations Division is in charge for help you to plan your stay in Parma. The relevant staff may be contacted at one of the following e-mail addresses:
 - bip@unipr.it for administrative questions;
 - bip.aisport@gmail.com for questions related to the programme organization.
- Involved academics are responsible for planning and organizing your study plan. Each participating University identified a coordinator whose identity and e-mail address:
 - University of Parma (Project Coordinator) Prof. Giancarlo Condello
 - University of Extremadura Prof. Santos Villafiana Domínguez
 - University of Évora Prof. Hugo Folgado
 - Atlantic Technological University Prof. Lisa Ryan
 - Otto-von-Guericke Universität Magdeburg Prof. Elke Knisel

The BIP calendar:

- The Physical part of the program starts on June 17th and ends on June 21st 2024.
- The Virtual part of the program starts on June 24th 2024 and ends on July 12th 2024.

To facilitate interaction among participating students, we have created a **WhatsApp group**: [here's the link to join us](#).

Enjoy your exchange period at the University of Parma!

The Incoming Mobility Staff



PLAN YOUR ARRIVAL AND YOUR STAY IN PARMA

How to get to Parma

Here you can find some [tips to arrive to Parma](#).

Hostel accommodation

The University of Parma has reserved shared “double and triple” rooms for the entire duration of the physical part of the program at the Student's Hostel (Ostello di Parma). Rooms are available for check-in starting Sunday, June 16th by 9.00 PM, with check-out on June 22nd by 10.30 AM.

Accommodation is reserved for BIP participants, but payment is the student's own responsibility. For booking purposes, the University of Parma shares students' IDs with the Student's Hostel.

We sent to the Hostel Direction a division proposal for rooms that students that have reserved a room at the Hostel receive by e-mail; Feel free to make any changes you may need.

The rates below are intended per person, per night:

6 or 8 people room	23.00 €
Residence tax	1 € per day for a maximum of 5 days

The price includes: breakfast service, bed linen, access to Wi-Fi, luggage storage, bike parking and parking space in the hostel's private car park (subject to availability). Each room has a private bathroom.

There is also a **restaurant service** (find more information at page 8). Meals are not included in the accommodation fee.

Reception is active from 7 a.m. to 9 p.m. Outside working hours, access to the facility is possible thanks to an electronic card, which is handed out at Check-In and the video surveillance system.

How to get to the Hostel L. Ferraris

For those who wants to come by **train**: you can take the [Bus nr. 7](#) from the Train station, Bus Stop: Centro Torri (direction: “Park nord/Colorno”).

For those who wants to come by **car** by the **motorway**: follow the [Directions](#) from the Parma Highway exit, proceed in south-easterly direction, at the roundabout take the 3rd exit and take Via S. Leonardo, go straight on at the second roundabout, after 400 metres turn right into Via del Popolo No. 1. Here, immediately on the left, is the hostel's secondary entrance, where you can buzz your vehicle into the private car park.

For those who wants to come by **car** by the **ring road**: the hostel is located 350 metres from exit number 5 “San Leonardo” [Directions](#)

Welcome reception

In order to best organize your welcome, we kindly ask you to fill in this [short survey](#) regarding your planned arrival and departure dates and times. The **deadline** to fill in the survey is **Friday, 31st May at 12:00 AM**.



Meals

Meals are not included in the accommodation rates.

During the days of the course, students can have a **lunch** at the Department Canteen or the surrounding area.

For **dinners** you could reserve a seat at the Restaurant of the hostel. Every morning the Hostel proposes a menu (consisting of a first and second course) and you could select it – at breakfast you could reserve a seat for the dinner.

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[Here's a map of some useful venues/places](#): under the “Foods” category you can find some restaurants, fast food, pizzerias, pubs and ice cream shops.



REGISTRATION TO UNIPR

Be informed that professors will use some facilities and services offered by our university such as **Elly**, an e-learning platform, where documents will be uploaded and **Ms Teams**, where online courses will be delivered.

In order to access to online tools, you must be enrolled to the University of Parma; mobility students will be enrolled as exchange students while UNIPR students can keep on using their credentials.

The access is compulsory for both the physical and the virtual part of the Programme.

Mobility and Non-Mobility students

The ERASMUS+ Blended Intensive Program in Artificial Intelligence in Health and Sport is hosted by the University of Parma; there are 2 categories of students:

- Non-mobility students: regularly enrolled in the Institution that hosts the physical part of the BIP.
- Mobility: students regularly enrolled in partner Universities; they are enrolled in the hosting University as exchange students; they receive a mobility grant paid by Home Universities.

Physical courses

The physical programme starts on June 17th and ends on June 21st 2024. Courses take place at the Department of Medicine and Surgery, Via Gramsci nr. 14.

To reach the Department students staying at the Hostel can take [bus nr. 7](#), from bus stop: “Centro Torri” to bus stop “Barriera Santa Croce” (direction “Campus”) and walk for 5 minutes. [See the link for the direction](#).

Online courses

The Virtual programme starts on June 21st 2024 and ends on July 12th 2024. While UNIPR students can still use their personal UNIPR account, students coming from partner Universities will receive credentials by the University of Parma.

The Incoming staff registers you to the University of Parma and will send you an e-mail with:

- a username (name.surname@studenti.unipr.it)
- a password

Learning Agreement

Before the beginning of the course, as per any student mobility carried out in the framework of the Erasmus+ Programme, you must have your Learning Agreement (Section “Before the Mobility”) approved.

You can use the [OLA platform](#) to edit your Learning Agreement (also available through the Erasmus app – available for both IOS and Android).

Once filled in and signed, the document must be approved by the three parties (student, home university coordinator, UNIPR coordinator). You can sign it digitally or manually and send it back to us. Non-mobility students have the same Home/Host Coordinator. To facilitate your filling the document, please identify Prof. Giancarlo Condello (giancarlo.condello@unipr.it) as UNIPR Coordinator (Responsible person) in charge of signing the Learning Agreement for the BIP.



Main venues

You may click on the place you want to reach to open the map on your device and easily reach the chosen destination.

Train station

Student's Hostel
"L.Ferraris"

Classrooms
Department of
Medicine and Surgery

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Erasmus and
International
Home

Bus stop
Student's Hostel
"L.Ferraris"

Bus stop Via
D'Azeglio



Emergency locations and numbers:

**Emergency
Room**

24/7 Pharmacy

Taxi
+39 0521 252562
Call

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**Single european
emergency number**

(112)

Call



Course calendar

Here's the calendar to the physical activities in Parma.

Date		Presentation	Speaker
16 th June		Welcome reception at the Student's Hostel L. Ferraris.	
17 th June	9:00 – 11:00	The history of AI development	Prof. Giancarlo Condello
	11:00 – 13:00	Wearable sensors: Can artificial intelligence be a tool for human activity recognition?	Prof. Valentina Bianchi
	15:00 – 17:00	Advancing career with AI in sport industry: Skills for the future and job opportunities	Dr. Hakon Ege
18 th June	9:00 – 11:00	The evolution from machine learning to generative AI	Prof. Claudio Ferrari
	11:00 – 13:00	The application of AI for cardiorespiratory assessment	Prof. Elena Giovanna Bignami Dr. Valentina Bellini
	15:00 – 17:00	Ethical and legal issues of AI	Prof. Rossana Cecchi
19 th June	9:00 – 11:00	AI-based exercise prescription for health	Prof. Santos Villafaina Domínguez
	11:00 – 13:00	Information and communications technology in education	Prof. Christiane Desaive Prof. Elke Knisel
	15:00 – 18:00	The use of wearables and the motivation to physical activity	Prof. Elke Knisel
20 th June	9:00 – 11:00	Monitoring patients at risk: Cardiovascular prevention and AI	Dr. Matthias Kunz
	11:00 – 13:00	How Parma leverage analytics to make better decisions on the field and the boardroom	Dr. Mathieu Lacombe Mr. Sébastien Coustou
	15:00 – 18:00	Practical workshop: sport activity and data collection	University sport facilities
21 st June	9:00 – 11:00	AI in healthcare: The theoretical basis Precision medicine and Imaging: Optimizing processes with convolution neural network	Prof. Ruben Foresti Dr. Chiara Martini
	11:00 – 13:00	Preseason screening test and injury management	Prof. Andrea Demeco
	15:00 – 17:00	Workshop: Sensors and video-based system for motion analysis	Prof. Andrea Demeco Dr. Chiara Martini Prof. Ruben Foresti
22 nd June	By 10:30	Check out at the student's hostel by 10:30 AM	



Here's the calendar to the virtual activities (on MS Teams)

Date		Presentation	Speaker
TBD	TBD	Digital Transformation in Sport: The challenges and benefits	Prof. Denise Martin
TBD	TBD	How can machine learning support the management of weekly training load?	Dr. Mauro Mandorino
TBD	TBD	Research in team sports: Can performance be predicted or injuries prevented?	Prof. Tomás García Calvo
TBD	TBD	Multidimensional performance indicators and AI	Prof. Hugo Folgado
TBD	TBD	Machine learning algorithms in team sport performance	Prof. Bruno Gonçalves
TBD	TBD	How can artificial intelligence and principal component analysis (PCA) help in performance analysis?	Prof. Orlando Fernandes
TBD	TBD	Evolutionary Algorithms: Lightweight Design of Risers in Archery	Prof. Jürgen Edelmann-Nusser
TBD	TBD	To what extent can AI overcome human intelligence? A round table	Prof. Valentina Presta
TBD	TBD	Final discussion	Professors for CORE GRUOP Partners

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SOCIAL EVENTS AND LEASURE

Some social activities have been planned to allow students enjoy the city of Parma.

Date	Event
Sunday, 16 th June	Welcome aperitif* at the Student's Hostel L. Ferraris.
Tuesday, 18 th June	Parmesan dinner and city tour
Thursday, 20 th June	Practical workshop and dinner
Friday, 21 st June	Casual evening at city center

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*We remind you to [fill in the form](#) that will help us manage the welcome event.

The events' schedule will be announced at a later date.

[Here's a map of some useful venues/places](#)

All these activities are fee-based and they are managed by the association ESN ASSI Parma.

The Erasmus Student Network – ESN ASSI Parma

[ESN ASSI Parma](#) is a student association made up by volunteers who are mostly former Erasmus students. ESN offers welcoming activities, information, and support to exchange students in Parma, by fostering their integration, helping them with their university networking and encouraging a constant social and cultural exchange with Italian students. Through its collaborations at national and international level, ESN-ASSI Parma helps in terms of coordination with activities of other Universities associations in Italy and abroad.

For more information about ESN ASSI Parma, contact: parma@esn.it;



AT THE END OF YOUR MOBILITY

Transcript of Records

After the end of the Blended Intensive Programme you will receive the Transcript of Records, a document that states the activity that you have performed. This document allows you to receive credits from your Home Institution.

We invite you to contact the Coordinator of the BIP at the home University in order to know the procedures for the recognition of learning outcomes.



Survey

Students are requested to fill in a survey on organisation and education issues: we would like to know your opinion.

The final evaluation survey will be available starting from July 15th 2024 to July 19th at 12:00 AM.

Thank you for your cooperation.



Contacts us

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