



BACHELOR'S DEGREE IN PROFESSIONAL STUDIES



UNIVERSITÉ DE
MONTPELLIER

ROBOTICS & ARTIFICIAL INTELLIGENCE

TRAINING OBJECTIVES

Train technicians, engineers, and executives for robotics, artificial intelligence, and cybersecurity in industrial environments, particularly in Industry 4.0 and 5.0.

DEGREE ORGANIZATION

- Start Date: September
- Duration: 3 years
- Total Hours: 2600 hours
- Internships: 11 weeks (2nd year), 16 weeks (3rd year)
- Practical Situations: More than 1000 hours
- Knowledge Assessment: Continuous assessment
- Specificity: skills-based and project-based approach



SCAN ME !

WORK-STUDY PROGRAM

A true gateway to professional integration, the choice of a work-study or apprenticeship program is offered starting from the 2nd year.

SPECIFICITIES OF THE TRAINING

- A training program focused on agile project management.
- A program that closely combines the fields of operational technologies (OT: automation, robotics, control, supervision) with those of information technologies (IT: computer science, AI: artificial intelligence, cybersecurity, computer networks...) to prepare for careers in Industry 4.0 and 5.0.

DEVELOPED SKILLS

Upon completion of the training, the graduate will be able to:

- Design and deploy robotics and automation solutions.
- Manage and maintain industrial systems using IoT and AI.
- Secure industrial systems from the OT (Safety) and IT (Cybersecurity) perspectives.

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RECRUITMENT

General or vocational high school diplomas (equivalent to the French baccalauréat général or baccalauréat technologique).

The following subjects are important:

- Mathematics
- Digital and Computer Sciences
- Physics-Chemistry
- Engineering Sciences

Admission is also possible for other high school diplomas, equivalent foreign qualifications, and students coming from a university background.

MAIN CRITERIA FOR APPLICATION ASSESSMENT

- Academic performance in high school, in scientific subjects, as well as in languages
- Attendance, attitude, and behavior across all subjects
- Ability to work in a team, communicate and evolve
- Motivation for the chosen field and Interest in careers
- Interest and motivation for the chosen field, particularly in careers in robotics and artificial intelligence in industrial environments.
- Alignment with the candidate's professional project

L.P. ROB&IA

3-Year undergraduate degree

- Level 6: bachelor's degree level
European credit transfer system:
180 ECTS
- Competency-Based approach
- Integrated 3-Year program
- Training structured around professional situations

HOW TO APPLY ?

The platform through which you can apply varies depending on your nationality, the secondary school diploma you hold, the level to which you are applying, etc.

Please contact the International Relations Office at the Béziers IT to find out about the registration procedures.

Contact:

iutb-international@umontpellier.fr

www.iutbeziers.fr

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