**# Introduction**

Hi, I am Laura, your virtual assistant. I am here to help you and answer your question regarding this master program titled International masters of Biometrics and Intelligent Vision at UPEC.

**# Uni Name**

UPEC stands for University Paris est Creteil. The other name of this university is Paris 12.

**# Transportation**

If you are in Paris, you can take metro line 8 to directly get to the university. There are many buses line to get to the university too. The best way is to use the public transport applications.

**# Address**

The address of the university: 61 avenue du General de Gaulle 94010 Creteil Cedex France

UPEC is in Creteil, a small city in the south east of Paris.

**# Master program's Name**

The name of this master program is: International Biometrics and Intelligent Vision.

**# Students' background**

A knowledge of Python programming is a must for this master program. To have a better understanding of this master program you need to have a background in Computer Science, Information Technology, Electrical Engineering, and related majors.

**# Classroom access**

The entrance is secured with a smart lock that necessitates a confidential digital key. This key is utilized by a smartphone application. Therefore, to access the classroom, it is necessary to download the app and acquire the secret digital key from the administrator.

**# Language certificate**

If you have finished your education in English, there is no requirement for IELTS or TOEFL.

**# Language of master program**

Classes are conducted in the English language.

**# Accommodation**

No accommodations are offered by this master program, but you can contact the administration.

You can also check this link in the site of the faculty of sciences and technology of UPEC: "https://sciences-tech.upec.fr/international/international-students/student-life"

**# Master program**

This master program is a two-year program, consisting of master 1 (M1) and master 2 (M2).

Depending on your level, you can access this master program either from master 1 (M1) or directly from master 2 (M2).

Your eligibility to start this master program from M2 depends on your current academic level and whether it meets this master program’s requirements for direct entry into M2.

**# ECTs**

In master 1 (M1) program, the courses are Data Capture and Processing, Pattern Recognition, Software Integration I, Communication Technique, Bioscience, and Project I, each offering 6, 6, 6, 3, 3, and 6 ECTS respectively for the first semester and Computer Vision and Machine Learning I, Biometrics, Software Integration II, Project Management, Ethics and Privacy, and Project II, each offering 6, 6, 6, 3, 3, and 6 ECTS respectively for the second semester.

In the first semester of master2, there are Biometrics II, Computer vision and machine learning II, AI and innovative workshops, Virtual and augmented reality, Research and professional culture, Project II each offering 6, 6, 6, 3, and 6 credits respectively.

This program is consisted of 120 credits. 60 credits for each master and 30 credits for each semester.

First semester of master 1 (M1): 30 ECTS

Second semester of master 1 (M1): 30 ECTS

First semester of master 2 (M2): 30 ECTS

Second semester of master 2 (M2): 30 ECTS

**# Master 1 courses**

Master 1 (M1) courses (courses in master 1 (M1)):

First semester (semester 1):

1. Data capture and processing (6 ECTS)
2. Pattern recognition (6 ECTS)
3. Software integration I (6 ECTS)
4. Communication technique (3 ECTS)
5. Bioscience (3 ECTS)
6. Project I (6 ECTS)

Second semester (semester 2):

1. Computer vision and machine learning I (6 ECTS)
2. Biometrics I (6 ECTS)
3. Software integration II (6 ECTS)
4. Project management (3 ECTS)
5. Ethics and privacy (3 ECTS)
6. Project II (6 ECTS)

For more information on the courses in master 1 (M1) program, please refer to "https:[//www.international-master-biometrics-intelligent-](http://www.international-master-biometrics-intelligent-)vision.org/master-1".

**# Master 2 courses**

Master 2 (M2) courses (courses in master 2 (M2)):

First semester (semester 1):

1. Biometrics II (6 ECTS)
2. Computer vision and machine learning II (6 ECTS)
3. AI and innovative workshops (6 ECTS)
4. Virtual and augmented reality (3 ECTS)
5. Research and professional culture (3 ECTS)
6. Project III (6 ECTS)

Second semester (semester 2):

1. Internship (30 ECTS)

For more information on the courses in master 2 (M2) program, please refer to "https:[//www.international-master-biometrics-intelligent-](http://www.international-master-biometrics-intelligent-)vision.org/master-2".

**# All courses**

Courses in this program (program courses):

1. Data capture and processing (6 ECTS)
2. Pattern recognition (6 ECTS)
3. Software integration I (6 ECTS)
4. Communication technique (3 ECTS)
5. Bioscience (3 ECTS)
6. Project I (6 ECTS)
7. Computer vision and machine learning I (6 ECTS)
8. Biometrics I (6 ECTS)
9. Software integration II (6 ECTS)
10. Project management (3 ECTS)
11. Ethics and privacy (3 ECTS)
12. Project II (6 ECTS)
13. Biometrics II (6 ECTS)
14. Computer vision and machine learning II (6 ECTS)
15. AI and innovative workshops (6 ECTS)
16. Virtual and augmented reality (3 ECTS)
17. Research and professional culture (3 ECTS)
18. Project III (6 ECTS)
19. Internship (30 ECTS)

**# Exams and assignments**

Starting from 2019, there will be no specific exams. You will be evaluated on the fly through: projects, assignments, exercises, etc. Each lecturer is supposed to evaluate you at any moment. The provided marks are then submitted to the head of this master, no later than one week after the end of the last session of the course. Marks are averaged.

Assignments must be submitted exclusively via Teams.

There are no exams for the courses of this master program so re-sit exams do not apply in this master program. Students are expected to enhance their grades during class sessions and through consistent assignment submissions.

**# Online student**

To find out about joining this master program as an online student, please contact the administration for detailed information and guidelines.

Online students can access course materials through different platforms like Microsoft Teams or Zoom.

For each defense session, an online session will also be created in a platform like Microsoft Teams or Zoom. Online students can join these sessions and present their work.

Access to the online class schedule is granted exclusively to enrolled students through passwords provided by the administration. To see the schedule, you can visit this master program website at "https:[//www.international-master-biometrics-intelligent-vision.org](http://www.international-master-biometrics-intelligent-vision.org/)/"

**# Important dates**

For each academic year, you can apply for this program from October 1st until June 30th (deadline). However, since the number of places is limited, it is highly recommended to apply early.

The first semester for master 1 (M1) and master 2 (M2) starts on Monday of week 39 until the last Friday of week 4.

The second semester for master 1 (M1) starts in week 6 until Friday of week 21.

For master 2 (M2), the second semester starts on week 5 until the internship defense.

For master 1 (M1), the project defense of the first semester will be on Thursday of week 4, while the project defense of the second semester will be on Friday of week 25.

For master 2 (M2), the project defense will be on Friday of week 4.

The project defense for master 2 (M2) program takes place on Friday of week 4. The internship defense takes place on Friday of week 26 for Session 1 and Friday of week 38 for Session 2.

In master 1 (M1) program, there is a project defense at the end of each semester.

Standard class sessions usually run from 9:30 AM to 12:30 PM and from 1:30 PM to 4:30 PM. Occasional deviations from the standard schedule may occur, with classes starting earlier or ending later. Students should regularly check the online schedule for updates.

Access to the class schedule online is granted exclusively to enrolled students through administrative-provided passwords.

**# Registration fees**

There are no tuition fees for this program, you have to just pay for registration fee and CVEC. The total cost of registration fee for this program for both EU and Non-EU students is comprised of two items: 92 euros for the Contribution à la vie étudiante et de campus (CVEC) and 243 euros for registration fees. This fee must be paid for both master 1 (M1) and master 2 (M2).

The fees for this master program are the same for both EU and Non-EU students.

The 243 euros for registration fee can be paid in 3 installments.

This master program itself does not provide funds or scholarships, but you can find information about possible scholarships at the following links: "https:/[/www.en.u-pec.fr/en/student-life/before-your-](http://www.en.u-pec.fr/en/student-life/before-your-)arrival/scholarships-financial-assistance" and "https:[//www.campusfrance.org/en/bursaries-foreign-student](http://www.campusfrance.org/en/bursaries-foreign-students)s".

**# Registration information**

To register for this program, for both master 1 (M1) and master 2 (M2) you have to follow 4 steps:

1. Create a personal account and pay the Student and Campus Life Contribution (CVEC) online at “<https://cvec.etudiant.gouv.fr/>”. For assistance with the CVEC payment procedure, access the tutorial link "https:[//www.campusfrance.org/system/files/medias/documents/2018-](http://www.campusfrance.org/system/files/medias/documents/2018-)08/Proc%C3%A9dure%20CVEC\_EN.pdf"
2. Ask for a paper registration file from the reception desk of the faculty of sciences, building P, at the university.
3. Fill paper registration file out with all necessary supporting documents and attend your scheduled appointment in the SIOE, located in building I of UPEC, to complete your registration in person.
4. Following your registration, you will receive an email with a link to secure your digital services account.

If you need assistance with the French paper registration file, please contact the administration at raphae[l.baudrand@u-pec.f](mailto:baudrand@u-pec.fr)r.

If you already have an INE number or a French diploma, you can complete the administrative registration process online.

**# Registration dates**

Registration for new students who have never studied at a French university opens in September and ends on the last day of October.

**# Grades and diploma**

For your grades and scores, please contact the administration at raphae[l.baudrand@u-pec.f](mailto:baudrand@u-pec.fr)r.

At the end of each semester, the master program committee assesses and approves student results. The administration then makes edits to transcripts or issues necessary certificates.

Upon successful completion of both semesters in M2, you will receive the final transcript and certificate. The official master degree is processed within 2-3 months after the master program’s conclusion, and a graduation ceremony will be organized.

Students who do not complete M1 or M2 usually cannot progress to the next level or retake failed courses. However, they may submit a written request to the director for re-enrollment in the next academic year, although such requests are rarely approved.

**# Important contacts**

Prof. Amine NAIT-ALI is the head and director of this master program.

To contact Prof. Amine NAIT-ALI, you can email him at amine[.naitali@gmail.com](mailto:naitali@gmail.com)

You can contact Prof. Amine NAIT-ALI only if you are not satisfied with the answers provided by the chatbot or if you didn’t receive a response from the administration.

The Administration / assistant / secretary of this master program is Raphael Baudrand-Chaudeyrac.

You can contact Raphael Baudrand-Chaudeyrac, the assistant of this master program, via phone at (+33)145171514 or email at raphae[l.baudrand@u-](mailto:baudrand@u-)pec.fr. Also, he is located in building P of the faculty of sciences and technology, room number P2 031

To contact Mrs. Kania Gurmes, you can send an email to kania[.lal-gurmes@u-pec.fr.](mailto:lal-gurmes@u-pec.fr)

**# Resolving online connection problems**

If your Teams account isn't working, try using your student email provided by UPEC. Ensure that your account is properly set up and that you have access to Teams.

Make sure that the lecturers have added you to the group in Teams. You might need to confirm this with them directly if you're not seeing the group in your account.

Check your notification settings in Teams to make sure they are activated. This will enable you to receive updates and messages from your lecturers and groups.

**# Internship**

To find internships, you can use different platforms like, welcomeToTheJungle, LinkedIn, Indeed, Google and so on. Even if you want to do internship in research or academia, you can check with different universities.

Master 2 (M2) internship should last either 5 or 6 months. It cannot be less than 5 months or more than 6 months under any circumstances.

It should be 5 or 6 months, which can starts from February and March and must be finished in July or August. Please, note that the defense can be either in July or in September.

For master 2 (M2) internship inquiries, you can contact Raphael Baudrand Chaudeyrac by emailing raphael[.baudrand@u-pec.fr.](mailto:baudrand@u-pec.fr)

It is allowed to do your master 2 (M2) internship in another country.

An internship can commence only after all required signatures are collected.

Inquiries about international internships of master 2 (M2) can be directed to kania[.lal-gurmes@u-pec.fr.](mailto:lal-gurmes@u-pec.fr)

For French master 2 (M2) internships, the submission must be done through the Pstage application.

You cannot edit or modify the internship agreement after creation. To rectify an error or edit internship agreement, you will need to contact kania[.lal-gurmes@u-pec.fr](mailto:lal-gurmes@u-pec.fr) to regain editing access.

Send the confirmation of your internship approval to kania[.lal-gurmes@u-](mailto:lal-gurmes@u-)pec.fr.

With the liaison form at hand, access PSTAGE to fill in all agreement fields and proceed to create it.

Typically, internship agreement requires a minimum of one week to be processed, so it's unlikely they can be processed in less time.

The internship agreement will be emailed to you by the internship office. All involved parties need to sign the internship agreement.

Filling out the liaison form with the internship provider (lab or company) is important to ensure it accurately mirrors the online agreement fields, aiding in the creation process.

The liaison form plays a critical role in the creation of the online agreement by ensuring that the information it contains accurately reflects the fields in the online agreement, thus facilitating a smoother creation process.

To start your online internship agreement form, visit https://sciences-tech.u-pec.fr/stages-emplois/creer-une-convention-de-stage-en-ligne.

Supplementary documents like the liaison form, FAQs, and information about internship scope are available on "https://sciences-tech.u-pec.fr/stages-emplois/creer-une-convention-de-stage-en-ligne".

Students should submit their internship agreements through the Pstage application accessible via Pstage. Navigate to the orientation/insertion tab and select internship agreement to proceed with the submission. The link for Pstage is: "https://sciences-tech.u-pec.fr/stages-emplois/creer-une-convention-de-stage-en-ligne".

By the rules, students are not allowed to have multiple agreements for one internship!

**# Internship coordinator**

You should discuss your internship topic with your master program's coordinator, Professor Amine Nait-ali.

This master program's coordinator will appoint a supervising teacher for your internship.

**# PhD**

If you are undertaking an internship in a research lab, ask your supervisor about opportunities for a PhD. Additionally, you can contact research labs in France or internationally. It's important to start this procedure during your master 2 (M2) internship to explore potential opportunities effectively.

**# Recommendation Letter**

To request a recommendation letter, inform the administration and the director of this master program by email. Note that a recommendation letter is not provided if your grades are less than 12/20.

**# Alumni**

Please contact the administration at raphae[l.baudrand@u-pec.f](mailto:baudrand@u-pec.fr)r, if you need information about Alumni

**# Applying process**

For international students currently residing abroad, the application process for studying in France and applying for the university is consisted of two phases:

Phase 1: Begin your application by applying through the official portal:” https://pastel.diplomatie.gouv.fr/etudesenfrance/dyn/public/authentification/login.html”.

Phase 2: After completing Phase 1, proceed to provide additional technical details through the Master Website, accessible at “https://www.international-master-biometrics-intelligent-vision.org/”. Here, you will need to fill out a technical form that highlights your skills and talents. Additionally, include a video presentation that serves as a substitute for the traditional interview process.

For international students currently residing in France or those who don’t need a visa, the application process for studying in France and applying for the university is consisted of two phases:

Phase 1: Begin your application by applying through the official portal: “https://candidatures.u-pec.fr/ecandidat/#!accueilView”

Phase 2: After completing Phase 1, proceed to provide additional technical details through the Master Website, accessible at “https://www.international-master-biometrics-intelligent-vision.org/”. Here, you will need to fill out a technical form that highlights your skills and talents. Additionally, include a video presentation that serves as a substitute for the traditional interview process.