



International Program "Biometrics and Security of Individuals"

Numerous programs will be proposed
at the University
Paris-Est Créteil (UPEC) on September 2011⁽¹⁾

Audience: *students and professionals,*

Location: Université Paris-Est Créteil (UPEC), Faculté des Sciences et Technologie, Créteil. (About 20 minutes by metro from the centre of Paris),

Application and pre-registration: www.international-education-biometrics.net

Choose any program that meets your requirements!

1. Master degree M2: international program "Biometrics and Security of Individuals"⁽²⁾,
2. Workshops on "Biometrics and Security of Individuals".

- First program offering a high quality and the most recent academic program in the field of biometrics and security of individuals, including: individual identification and verification, intrusion detection, recognition systems, access control, automatic counting, RFID, DNA identification, legislation, etc.
- Courses are provided in English by qualified instructors, internationally known. Some of them are presented by visio-conference.

✓ **Master degree: program "Biometrics and Security of Individuals" (400 hours+1 training semester)⁽²⁾**

1 st semester	ECTS	Courses (hours)	Condition of admission
General courses			Audience -Students or professionals holding a Master level (4 years at the university), Msc, M1, Bsc, engineers (or equivalent) in the field of computer engineering or computer science. Course prerequisites Basis in digital signal and image processing, Familiarity with Matlab, C and C++ programming languages.
Optimisation	4	50	
Distributed applications	4	50	
Project management	2	30	
English/French	2	30	
Specific courses			
Applied signal and image processing in security	3	50	
Pattern recognition and classification techniques	4	50	
Biometric techniques ⁽³⁾⁽⁴⁾	4	50	
Video surveillance ⁽⁴⁾	2	25	
RFID ⁽⁴⁾	3	40	
Legislation/biology for engineers	2	25	
2nd semester			
Training		30 (5 months)	

✓ **Workshops "à la carte"⁽¹⁾**

	ECTS	Courses (hours)	Condition of admission
Biometric techniques ⁽³⁾⁽⁴⁾	4	50	Audience Students or professionals holding a Master level (4 years at the university), Msc, M1, Bsc, engineers (or equivalent) in the field of computer engineering or computer science. Course prerequisites Basis in digital signal and image processing, Familiarity with Matlab, C and C++ programming languages.
Video surveillance ⁽⁴⁾	2	25	
RFID ⁽⁴⁾	3	40	
Speech recognition	2	25	
Computer graphics and vision	2	30	
Secure web applications	2	30	

Any specific course can be provided as a workshop during one or two weeks. Attendees can obtain a certification at the end of each course and a DU "Diplôme Universitaire" degree under some conditions.

(1) Accreditation in progress (CEVU),

(2) This program is included in the speciality (TISDTR : Traitement de l'information, Systèmes Distribués et Temps Réel), Master SPI,

(3) IEEE certified program can be obtained,

(4) These courses are achieved jointly between the master degree (M2) and the UPEC DU degree,

Opening
Ouverture
Septembre 2011*

Main Master program
Programme principal du Master

- Signal and image processing in security,
- Pattern recognition and classification,
- Biometric techniques,
- Video surveillance,
- RFID,
- Biology for engineers,
- Legislation, Ethic
- Projects/trainings.
- ...

Tuition: 237 €⁽⁵⁾

Workshops "à la carte"
Cours/ateliers

- Biometric techniques
- Video surveillance,
- RFID,
- Speech recognition,
- Computer graphics and vision,
- Secure web applications.

Tuition: from 514 €⁽⁵⁾

Director
Responsable

Pr. Amine NAIT-ALI
Université Paris -Est Créteil (UPEC)
61, avenue du Général de Gaulle, 94010, Créteil Cedex
Email: naitali@u-pec.fr

Company scientific contact
Relations scientifiques avec les entreprises

Dr. Régis FOURNIER
Université Paris -Est Créteil
61, avenue du Général de Gaulle, 94010, Créteil Cedex
Email: rfournier@u-pec.fr

Company administrative manager
Formation Continue (FC)

Dr. Franck MONMASSON
61, avenue du Général de Gaulle, 94010, Créteil Cedex

Application and pre-registration
Candidature et pre-inscription
<http://www.international-education-biometrics.net>