



UNIVERSITÉ
PARIS-EST
MARNE-LA-VALLÉE



UNIVERSITY BROCHURE

✧ LEARN ✧ INVENT ✧ UNDERSTAND

A TOP UNIVERSITY IN EASTERN PARIS



UPEM - Université Paris-Est Marne-la-Vallée is an interdisciplinary establishment with 12 faculties and 15 research centres.

It carries out the public services for which it is responsible by focusing primarily on two key areas: to provide students with business experience and build on outstanding research.

UPEM's strengths:

- + Its **innovative courses** keep it up to date with the modern world
- + Its **location** on the outskirts of Paris
- + Its **professional** training, sandwich courses, apprenticeship contracts
- + Its educational and **scientific vocation**
- + Its **variety** of degree courses
- + Its close ties with **renowned companies** and research centres

A joint training initiative for Eastern Paris:

For the new 2015 term, UPEM and Université Paris-Est Créteil (UPEC) have designed a joint training initiative for:

- + Greater **visibility**
- + Greater **variety** (a wide range of subjects with courses in law and health)
- + Greater **international reach**



UPEM, member of Université Paris-Est

Founded in 2007, Université Paris-Est (UPE) is a community of universities and centres (Comue) overseeing 22 establishments, including UPEM, which stand out for their diversity: universities, hospitals, veterinary school, engineering schools, architecture schools, research bodies and expertise agencies.

Université Paris-Est's areas of expertise include:

- Welcoming and training postgraduates
- Awarding PhDs and HDRs (Accreditation to supervise research)
- Promoting research
- Joint signing of scientific publications
- Mobility and international relations
- Managing two themed centres, "Health & Society" – "Urban Planning, Environment and Related Engineering"
- Scientific and educational cooperation in projects

For further information: www.univ-paris-est.fr



OUTSTANDING RESEARCH



Total number of research staff in the UPEM departments: **1300**

Université Paris-Est Marne-la-Vallée focuses on outstanding research and puts a great emphasis on interdisciplinarity.

UPEM oversees 15 research centres including 4 associated with the French National Centre for Scientific Research (CNRS)...

- 725 research professors and researchers
- 515 postgraduates

... linked to 5 Université Paris-Est doctoral schools:

- Mathematics and Communication Services
- Science, Engineering and Environment
- Urban planning, Transport and Areas
- Organisations, Markets and Institutions
- Cultures and Societies

Member of 3 competitive clusters:

- AdvanCity (sustainable town and transport)
- Cap Digital (image, multimedia and digital life)
- SYSTEM@TIC (design, production and management of complex systems)

In charge of 2 DIMs (key research sectors) in the Île-de-France area:

- DIM IS2-IT (Innovation, Sciences, Techniques, Society)
- DIM GID (Gender, Inequality, Discrimination)

Sponsor of a research federation:

- TEPP – Work, Employment and Public Policies

Partner on 3 chairs:

- UPEM Social and Solidarity-based Economy Chair (UPEM, associations, unions, cooperatives)
- Railway and Transport Chair (UPEM, SNCF, École des Ponts ParisTech)
- New Economic Approach to Regional Transport Chair (UPEM, SNCF, École des Ponts ParisTech, Ifsttar)

Research departments overseen by UPEM

- ACP (Comparative Analysis of Power) - EA 3350
- DICEN-IDF (IT and Communication Tools in the Digital Age -Paris Île-de-France) - EA 4420
- EEP (Ethical and Political Spaces - Institut Hannah Arendt) - EA 4118
- ERUDITE (Research team on the Use of Panel Data in Economics) - EA 437
- IRG (Management Research Institute) - EA 2354
- LISAA (Literature, Knowledge and Arts) - EA 4120
- MSME (Multiscale Modelling and Simulation) - UMR 8208 CNRS
- ESYCOM (Electronics, Communication Systems and Microsystems Laboratory) - EA 2552
- LAB'URBA (Urban Engineering, Environment and Housing) - EA 3482
- LAMA (Laboratory of Analysis and Applied Mathematics) - UMR 8050 CNRS
- LATTs (Research Centre of Technologies, Territories and Societies) - UMR 8134 CNRS
- LGE (Laboratory of Earth Materials and Environment) - EA 4119
- LIGM (Gaspard Monge Computer Science Laboratory) - UMR 8049 CNRS
- LVMT (Mobility, Urban Planning, Transport Laboratory) - UMR - T 9403 IFSTTAR
- LISIS (Interdisciplinary Laboratory of Sciences, Innovations and Societies - FRE 3705)

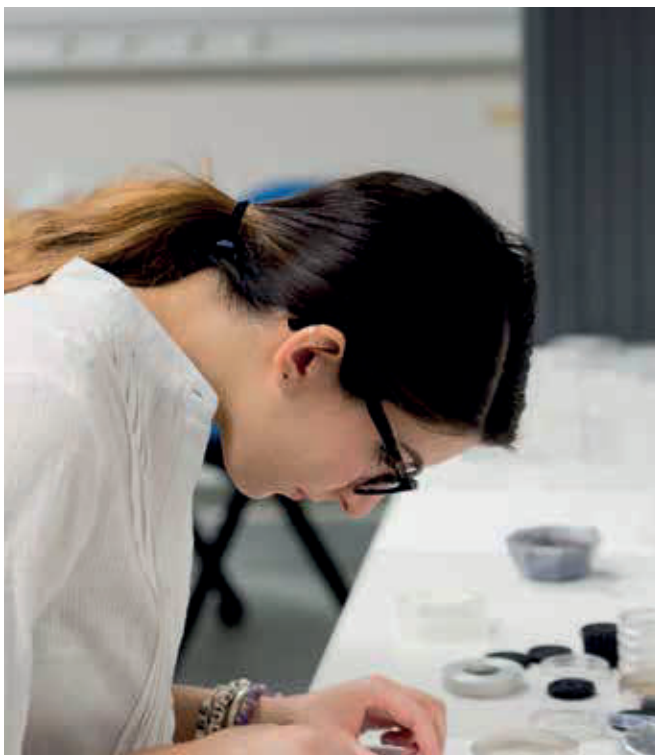


OUTSTANDING RESEARCH AT UNIVERSITÉ PARIS-EST



Université Paris-Est, an Eastern Paris Community:

- 50,000 students
- 1450 postgraduates enrolled, 45% of whom are on placements
- 250 doctors per year
- 1700 permanent research professors and researchers



Organisation in 2 themed centres:

- Urban Planning, Environment and Related Engineering
- Health and Society

Université Paris-Est members and associates:

- **10 higher education and research centres:**
 - 2 universities (UPEM, UPEC)
 - 2 grandes écoles (École des Ponts ParisTech, EnvA)
 - 3 specialist engineering schools (ESIEE, ESTP, EIVP)
 - 3 ENSA architecture schools (Marne-la-Vallée, Paris-Belleville, Paris-Malaquais)
- **4 business and expertise agencies**
 - Anses
 - EFS
 - IGN
 - INA
- **2 hospitals**
 - CHIC (Centre hospitalier intercommunal de Créteil)
 - AP-HP (Assistance Publique-Hôpitaux de Paris)
- **6 R&D bodies**
 - CNRS
 - CSTB
 - FCBA
 - Ifsttar
 - Inserm
 - LRMH

Among the powers it has been given by its members and associates, Université Paris-Est awards the title of Doctor and HDR (accreditation to supervise research) on behalf of its members and associates.

UPEM's success in invitations to tender for projects in the "Investment for the Future" Programme gets its work in the scientific sector noticed:

- Involvement in **Laboratoires d'Excellence (LabEx)** to support research in specific scientific areas:
 - LabEx Futurs Urbains on the subject of urban planning, architecture, environment and transport for a sustainable town
 - LabEx SITES on the subject of Science, Innovation and Techniques in Society
 - LabEx Bézout – Models and algorithms: from discrete to continuous
 - LabEx MMCD – Multiscale modelling and experiments on materials for sustainable construction
- Involvement in the **Institut Efficacity** uniting academic bodies and business partners on the subject of sustainable towns and energy efficiency
- Collaboration with the Société d'Accélération du Transfert de Technologies, **SATT Île-de-France Innov**, in charge of technology transfer and promoting research.

INTERNATIONAL RELATIONS



Outstanding welcome and support:

- Specific integration systems
- French as a foreign language lessons
- Funding for outward mobility
- EURAXESS facility centre for visiting postgraduates and researchers (Acc&ess Paris-Est)



UPEM works with national and international organisations:

- AUF (Agence universitaire de la Francophonie)
- Campus France
- EUA (European University Association)
- IdA (Institut des Amériques)

Inspiring communication and cooperation

In Education

- More than 230 cooperation agreements as part of the ERASMUS + programme
- Inward mobility: 120 students per year
- Outward mobility: 260 students per year
- Dual degrees with partner universities:



Italy



Romania



Scotland



Russia

- An active role in exchange programmes and inter-academic networks (ERASMUS + - Europe, BCI - Quebec, SAAS - Scotland, MICEFA - USA)
- More than 120 framework conventions (Asia, Latin America, USA, Russia)

In Research

- **Approval of the first Université Paris-Est European PhD** by the European Commission for the Erasmus **Mundus programme**
- **The European Research Council's** recognition and support for a project handling the inventory and network of Jerusalem's historic archives from the 19th and 20th centuries
- **RISIS (Research infrastructure for research and innovation policy studies)** project management for LabEx SITES with the goal to standardise databases on different subjects and make them easier for researchers to use

UPEM is involved in the European research and innovation funding programme "Horizon 2020" which targets three areas: scientific excellence, industrial primacy and challenges in society.

A UNIVERSITY FOCUSED ON PROFESSIONAL DEVELOPMENT

11 000 students

Over **20%** in apprenticeship

7 university departments and **5** institutes

- 1 IAE Gustave Eiffel
- 1 ESIFE Engineering School
- 1 Paris Urban Planning School following the union of IFU (UPEM) and IUP (UPEC)

Over 220 degree courses

- 19** university degrees
 - 8** DUTs (technical university diplomas)
- 39** bachelor degrees (covering 15 grades)
- 54** professional bachelor degrees (covering 42 grades)
- 90** Masters (covering 37 grades)
 - 7** engineering degrees
 - 6** MEEF Masters (Teaching, Education and Training)

Over 90 degrees with apprenticeship (bachelor to masters)

Over 50 grades co-accredited with UPEC



Apprenticeship tax:
680 K €

Employment rate:

- Humanities and social sciences: 92%
- Science and technology: 88%
- Business, management: 92%
- Art, literature, languages: 83%

MENESR source – Employment survey carried out 30 months after 2011 Masters graduation, published in 2015

Partner with 10 apprenticeship training centres including CFA Descartes et Ingénieurs 2000

UPEM teaches 10% of the total number of apprentices studying in French universities

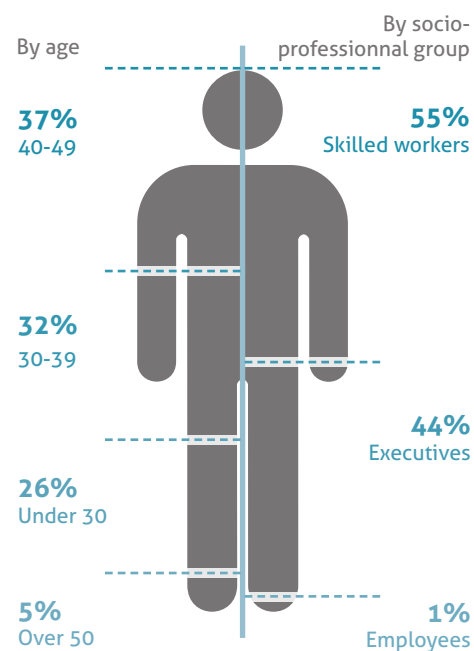
LIFELONG TRAINING

Our courses are available in further education and VAE (French accreditation of prior learning)

Further Education



VAE (French accreditation of prior learning)



Students in further education



"University for all ages" – schedule of free lectures available for everyone no matter their age or level of education

INNOVATIVE TEACHING

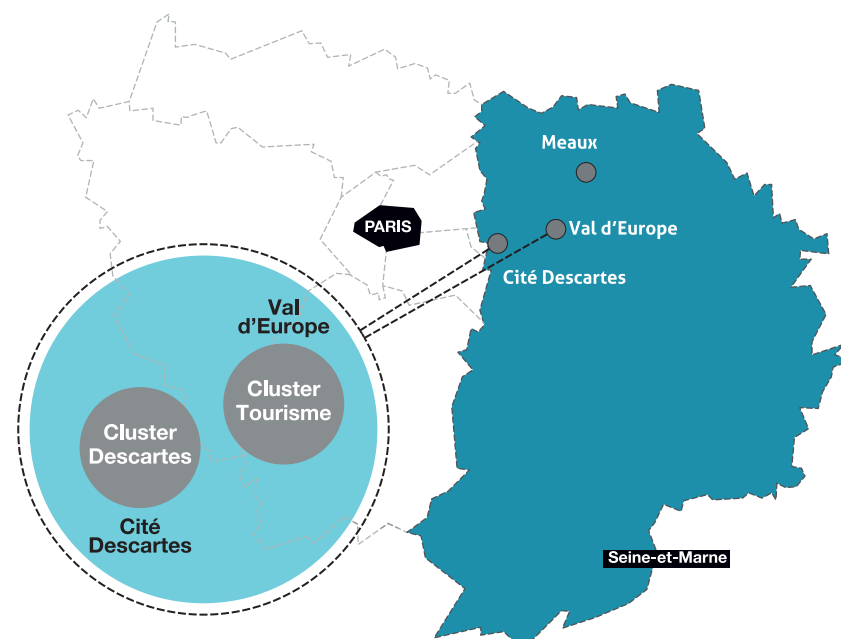
Université Paris-Est Marne-la-Vallée focuses on innovative teaching primarily in the following areas:

- **IDEFI (innovative training initiatives of excellence)** through the IDEA programme - Individualisation, Diversification, Evaluation and Support – and the Paris-Est d.school at École des Ponts
- **PÉPITE 3EF (Student Cluster for Innovation, Transfer and Entrepreneurship)** whose “Tous créatifs!” programme helps develop business sense and support the most entrepreneurial student projects.
- **Active policy for college students** and the educational community of partner colleges: 25 agreements signed with colleges in the Seine-et-Marnais area
- **Strategic focus on active teaching:**
 - Blended lecture courses
 - Project-based teaching
 - The establishment of a skills-based approach in training
- **Digital platforms to support teaching:**
 - Moodle: lesson platform providing educational content and activities
 - Tell me more: language lesson platform
 - Voltaire: written expression
 - Compilatio.net: anti-plagiarism platform
 - WIMS: maths exercises
 - Mahara: e-Portfolio and skills-based teaching
 - Platform for podcasts and mobile podcast design systems
 - Videoconferencing systems



A GREAT LOCATION

UPEM is based on 3 sites and a member of 2 clusters



UPEM at Cité Descartes

“Where higher education, research and business development unite and grow together”

(except from a speech by the Prime Minister at the UPEM launch of the “Nouveau Grand Paris” on March 6th 2013)

• Relationships between business and educational environments:

- 11** establishments for higher education and research
- 15, 000** students
- Over 30** research laboratories
- Over 800** permanent research professors and researchers
- Over 600** postgraduates
- Over 300** companies
- 5000** employees
- 1** coworking space
- 1** fablab
- 1** incubator
- 1** innovative business incubator

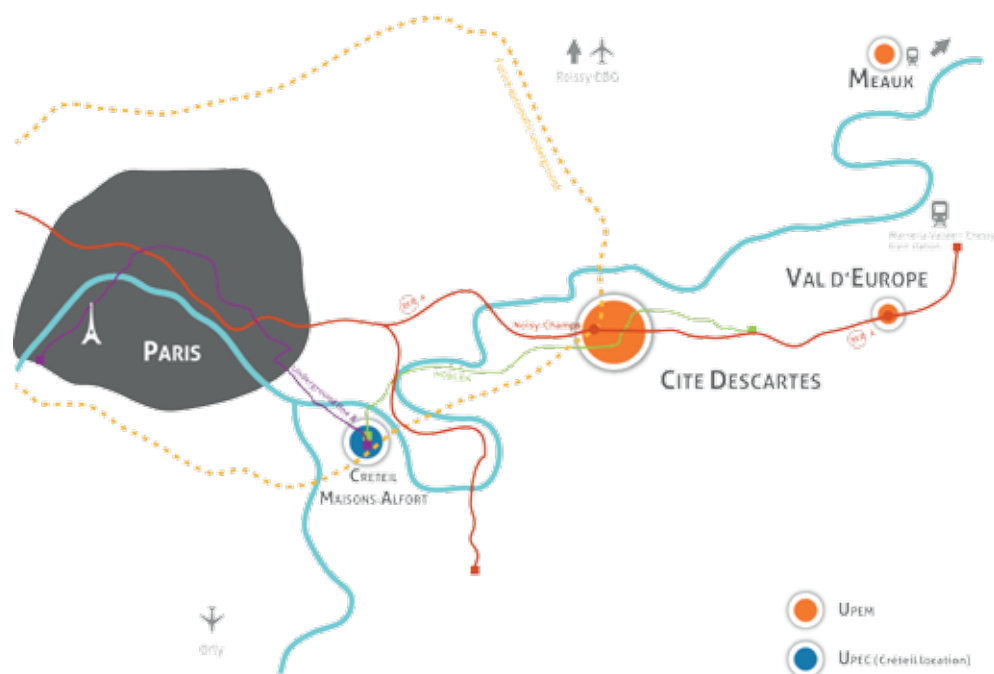
Its innovative support tools have made UPEM the **9th best French university in terms of degree success**

MENESR source – Survey on 2010 degree success published in 2013

A GREAT LOCATION

UPEM in the heart of a national and international transport network

- **Cité Descartes** strategic centre of the “Grand Paris Express” transport network with the future multimodal station in Noisy-Champs
 - Horizon 2020: an 11 minutes journey from Créteil Maisons-Alfort to Cité Descartes
- **Val d’Europe location** linked to Paris airports, Marne-la-Vallée–Chessy train station and the RER A underground
- **Meaux location** linked to Paris and Eastern Paris via the Transilien



Vibrant campus life

- **Over 200 events** per year (scientific, sports, cultural etc.)
- **A variety of sites** open to everyone (lecture theatre, social rooms, sports and cultural facilities etc.)
- **An active student** network



Director of publication

Gilles Roussel,
UPEM President

Editorial and graphic design

Communication department

Photo credits

Cover: Gymnase de la Haute Maison
© Iconothèque Epamarne / Architect: JP BONNEMAISON /
Photographer: Eric MORENCY, 2008

Pages 2 (top and center), 4, 6, 8 (top) and 10:

© MESR/PictureTank

Page 2 (bottom): Bois de l'Etang and Lavoisier buildings
© Iconothèque Epamarne / Architect: J.C BAUVE / Architects:
JOURDA & PERRAUDIN / Photographer: Patrick MARTIN

Page 8 (top): SRI-E (International Relations and Teaching
Department)

© UPEM

Page 8 (bottom): Sculpture "L'Axe de la Terre", Cité Descartes
© Iconothèque Epamarne / Sculptor: Piotr KOWALSKI /
Photographer: Eric MORENCY, 2005

Page 15: Student union

© UPEM



**UP
EM** UNIVERSITÉ
PARIS-EST
MARNE-LA-VALLÉE

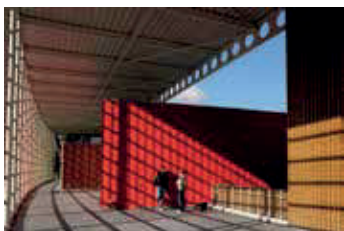
UPEM • CITÉ DESCARTES • 5 BOULEVARD DESCARTES
CHAMPS-SUR-MARNE • 77454 MARNE-LA-VALLÉE CEDEX 2

T : 01 60 95 75 00 • F : 01 60 95 75 75

WWW.U-PEM.FR

MEMBRE DE LA COMUE

UNIVERSITÉ —
— PARIS-EST



Gymnase de la Haute Maison

© Iconothèque Epamarne / Architect: JP BONNEMAISON /
Photographer: Eric MORENCY, 2008