

## Courses available in English at UPEM

UFR Langues & Civilisations (Languages)								
Formation	Training program	Level	Code Apogée	Course	Course title	Term (fall/spring)	ECTS credits	Teaching hours
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE102	Expression, compréhension orale discours et documents Ang	Expression, oral comprehension of speeches and documents	Fall	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE103	Grammaire Ang + face-face pédagogique	Grammar	Fall	4	19
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE105	Expression et compréhension écrites Ang	Expression, written comprehension in a cultural context	Fall	3	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE109	Civi GB post-1945	UK Civilization: British society post-1945	Fall	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE110	Intro méthodo doc civi GB	Introduction to civilization documents methodology	Fall	1	

LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE111	Lecture de nouvelles	Reading short stories	Fall	4	24
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE112	Analyse cinématographique	Film analysis	Fall	3	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE303	Expression et compréhension orales Ang	Oral expression	Fall	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE306	Expression écrite Ang	Written expression and rewriting	Fall	1	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE307	Civilisation et histoire USA	USA Civilization and history	Fall	5	36
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE308	Histoire GB et étude doc	UK history and study of UK documents	Fall	5	36

LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE310	Littérature britannique	British literature	Fall	5	36
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE505	Expression orale Ang	Speaking skills	Fall	2	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE506	Histoire des idées US	US History of ideas	Fall	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE507	Civilisation et histoire US	US Civilization	Fall	4	24
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE508	Littérature US	US literature	Fall	4	24
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE509	Poésie	Poetry	Fall	3	18

LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE105/1LE E105	Compréhension & expression écrites GB	Written comprehension and expression	Fall	2	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE106/1LE E106	Compréhension & expression orales GB	Oral comprehension and expression	Fall	2	18
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE107/1LE E107	Civilisation britannique contemporaine	Contemporary British civilisation	Fall	2	24
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE303/1LE E303	Communication multimedia GB	Multimedia communication	Fall	2	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE304/1LE E304	Civilisation américaine	American civilisation	Fall	3	24
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE305/1LE E305	Business English	Business English	Fall	3	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 3rd year	1LAE501A/1LAE501T/1LAE501S/1LEE501A/1LEE501T/1LEE501S	Communication multimedia GB	Multimedia communication	Fall	1	15

LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 3rd year	1LAE504A/1LAE504T/1LAE504S/1LEE504A/1LEE504T/1LEE504S	Civilisation américaine	American civilisation	Fall	3	25
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE202	Expression et compréhension orales Ang	Expression, oral comprehension of speeches and documents	Spring	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE203	Grammaire Ang + face à face pédagogique	Grammar	Spring	4	19
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE205	Expression et compréhension écrites Ang	Written expression and comprehension in a cultural context	Spring	3	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE209	Civilisation US + applic methodo	US Civilization: Contemporary American society post-1945	Spring	2	20
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE210	Romans	Novels	Spring	4	24

LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 1st year	1CAE211	Poésie + applic méthodo	Poetry	Spring	3	20
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE403	Expression et compréhension orales Ang	Speaking skills	Spring	1	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE406	Expression écrite rédactionnelle Ang	Written expression	Spring	1	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE407	Civilisation et histoire britannique + méthodo	British civilization and history	Spring	5	39
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE408	Histoire US et étude de documents	US history and document study	Spring	5	30
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE410	Littérature américaine + applic méthodo	American literature	Spring	5	39

LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAE411	Poésie	Poetry	Spring	1	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 2nd year	1CAU405	Option: Syntaxe artistique	Artistic syntax	Spring	3	
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE605	Expression orale Ang	Speaking skills	Spring	1	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE606	Business English	Business English	Spring	2	12
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE607	Histoire des idées GB	UK History of ideas	Spring	2	18
LICENCE LLCER ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE608	Civilisation et histoire GB	UK Civilization	Spring	4	24

LICENCE LLCE ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE609	Littérature britannique	UK literature	Spring	4	24
LICENCE LLCE ANGLAIS	FOREIGN AND REGIONAL LANGUAGES, LITERATURE AND CULTURES (ENGLISH MAJOR)	BA 3rd year	1CAE610	Littérature contemporaine	Contemporary literature	Spring	2	18
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE204/1LE E204	Compréhension & expression écrites GB	Written comprehension and expression	Spring	2	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE205/1LE E205	Compréhension & expression orales GB	Oral comprehension and expression	Spring	2	18
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 1st year	1LAE206/1LE E206	Civilisation américaine contemporaine	Contemporary American civilisation	Spring	2	18
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE403/1LE E403	Communication multimedia GB	Multimedia communication	Spring	2	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE404/1LE E404	Civilisation britannique	British civilisation	Spring	3	24



LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 2nd year	1LAE405/1LEE405	Legal English	Legal English	Spring	3	12
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 3rd year	1LAE601A/1LAE601T/1LAE601S/1LEE601A/1LEE601T/1LEE601S	Communication multimedia GB	Multimedia communication	Spring	1	15
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 3rd year	1LAE604A/1LAE604T/1LAE604S/1LEE604A/1LEE604T/1LEE604S	Civilisation britannique	British civilisation	Spring	2	25
LICENCE LEA ANGLAIS/ALLEM AND / ANGLAIS/ESPAG NOL	APPLIED FOREIGN LANGUAGES English-German/English-Spanish	BA 3rd year	1LAE620A/1LEE620A	Entreprise britannique et/ou américaine	British and/or American company organisation	Spring	1,5	15
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE102A/2LEE102C/2LEE102E	Anglais - Pratique orale	Oral language practice (English)	Fall	2,5	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE105A/2LEE105C/2LEE105E	Culture et société des pays anglophones	Culture and society in English-speaking countries	Fall	2	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE116A/2LEE116C/2LEE116E	Anglais : argumentation / négociation	Reasoning and negotiation techniques (English)	Fall	1,5	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 2nd year	2LEE310A/2LEE310E	Anglais : Négociation Interculturelle	Negotiation techniques in English	Fall	1	

Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 2nd year	2LEE314A/2L EE314E	Communication	Communication in the professional environment	Fall		1	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 2nd year	2LEE318A/2L EE318E	Anglais : cultures / société	Culture and society in English-speaking countries	Fall		2	
Master MEEF Anglais	MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2F2U102A	UE 2: RAPPEL DES FONDAMENTAUX Civilisation UK Littérature US Panorama générale de la peinture anglaise		Fall		3	26
Master MEEF Anglais	MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2F2U103A	UE 3 : Composition 1		Fall		3	26
Master MONDES ANGLOPHONES - DISCOURS, CULTURES, CREATIONS/Mas ter MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE104A	Littérature britannique	British literature	Fall		2,5	24
Master MONDES ANGLOPHONES - DISCOURS, CULTURES, CREATIONS/Mas ter MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE105A	Civilisation britannique	British civilisation	Fall		2,5	24

Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies	MA 1st year	2ALE108A	Expression écrite	English composition (rhetorical concepts and techniques)	Fall	3	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year		Séminaire au choix Arts-Lettres/Langues à choisir parmi liste commune établie.	Optional course	Fall	2	
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 2nd year	2ALU303A	Etudes médiévales	Medieval studies	Fall	7	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 2nd year	2ALU304A	Littérature américaine	American literature	Fall	7	24

Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 2nd year	2ALU305A	Civilisation américaine	American civilisation	Fall	7	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies	MA 2nd year		Séminaire au choix Arts-Lettres/Langues à choisir parmi liste commune établie.	Optional course	Fall	2	24
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE202A/2LEE202E	Anglais pratique orale	Oral language practice (English)	Spring	1	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE205A/2LEE205E/2TA E116	Culture et société des pays anglophones	Culture and society in English-speaking countries	Spring	1,5	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE217A/2LEE217E	Anglais Négociation	Negotiating in English	Spring	1	
Master COMMERCE INTERNATIONAL	MASTER APPLIED FOREIGN LANGUAGES International Trade	MA 1st year	2LEE214A	Droit des affaires domaine anglophone	The legal environment	Spring	1	
Master MEEF Anglais	MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2F2U202A	UE 2: RAPPEL DES FONDAMENTAUX 2 Commonwealth Littérature GB Civilisation US Littérature US		Spring	3	26 6 4 10 6

Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE204A	Littérature US	US literature	Spring	2,5	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE205A	Civilisation US	US civilisation	Spring	2,5	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE207A	Littérature postcoloniale	Postcolonial literature	Spring	2	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 1st year	2ALE208A	Civilisation postcoloniale	Postcolonial civilisation	Spring	3	24

Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies	MA 1st year		Séminaire au choix Arts-Lettres/Langues à choisir parmi liste commune établie.	Optional course	Spring	2	
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies	MA 2nd year	2ALU403A	Etudes médiévales	Medieval studies	Spring	7	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies	MA 2nd year	2ALU404A	Littérature américaine	American literature	Spring	7	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 2nd year	2ALU405A	Civilisation américaine	American civilisation	Spring	7	24
Master MONDES ANGLOPHONES DISCOURS, CULTURES, CREATIONS/Master MEEF Anglais	MASTER ARTS, LETTERS AND CIVILISATIONS English Studies/MASTER CAREERS IN TEACHING, EDUCATION AND TRAINING English	MA 2nd year	UE 27	Séminaire au choix Arts-Lettres/Langues à choisir parmi liste commune établie.	Optional course	Spring	2	24

## Ecole Supérieure d'Ingénieurs Paris-Est (ESIPÉ; Engineering)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM113	Programmation et algorithmique 1	Programming and algorithms 1	Semester 1 (Sept-Jan)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM111	Mathematiques I	Mathematics 1	Semester 1 (Sept-Jan)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM112	Programmation Web 1	Web programming (HTML, CSS, Javascript)	Semester 1 (Sept-Jan)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM156	Arts appliques	Applied arts	Semester 1 (Sept-Jan)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM157	Esthetique algorithmique	Algorithmic aesthetic (practice)	Semester 1 (Sept-Jan)	3	16

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM160	Pratique video	Video practice	Semester 1 (Sept-Jan)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM130	Anglais I	English 1	Semester 1 (Sept-Jan)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM334	Programmation objet 1	Object-oriented programming 1 (C++)	Semester 1 (Sept-Jan)	3	36
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM335	Architecture logicielle	Software engineering	Semester 1 (Sept-Jan)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM336	Synthese d'image 2	Computer graphics 2	Semester 1 (Sept-Jan)	3	36



Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM311	Mathematiques 3	Mathematics for computer science	Semester 1 (Sept-Jan)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM338	Traitement du signal 2	Signal processing 2	Semester 1 (Sept-Jan)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM440	Projet Tuteuré	Main Pedagogic project (tutored project)	Semester 1 (Sept-Jan)	6	-
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME501A/D/W	Design	Design (digital services)	Semester 1 (Sept-March)	3	40
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME502A	Technologie web mobile	Mobile Technology project	Semester 1 (Sept-March)	3	40

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME505A	Nouvelles formes du cinema	Multimedia project	Semester 1 (Sept-March)	3	40
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME506A	Post production avancee	Audiovisual project (Advanced post production)	Semester 1 (Sept-March)	3	40
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME503A	Jeux video	Video Game programing project	Semester 1 (Sept-March)	3	40
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME504A	RA / RV	Virtual Reality project	Semester 1 (Sept-March)	3	40
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year			Advanced programming (OpenGL)	Semester 1 (Sept-March)	3	20

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME525D	Specialite 3D 1	Image processing (GPGPU)	Semester 1 (Sept-March)	3	20
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME526A	Specialite Audiovisuel 2	Artistic direction	Semester 1 (Sept-March)	3	20
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME508A	Langage de script	Script programming (python)	Semester 1 (Sept-March)	3	20
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year			Advanced programming	Semester 1 (Sept-March)	3	20
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 2nd year	6IME524A	Culture visuelle	Visual culture	Semester 1 (Sept-March)	3	20

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM150	Programmation algorithmique 2	Advanced algorithmics and Programming	Semester 2 (Feb-May)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM133	Synthese d'image 1	Computer graphics	Semester 2 (Feb-May)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM134	Programmation Web 2	Web programming 2 (data base, PHP)	Semester 2 (Feb-May)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM135	Traitement du signal 1	Signal processing	Semester 2 (Feb-May)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM136	Traitement du son	Sound processing	Semester 2 (Feb-May)	3	20

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM153	Anglais 2	English 2	Semester 2 (Feb-May)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Bsc 3rd year	6IMM163	Post production	After effect	Semester 2 (Feb-May)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM410	Mathematiques 4	Mathematics 4 (probability)	Semester 2 (Feb-May)	3	48
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION/Ingénieur INFORMATIQUE ET RESEAUX	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION/IT AND NETWORKS	Msc 1st year/Bsc 3rd year	6IMM441/6IRE204	Programmation objet 2	Object-oriented programming 2 (java)	Semester 2 (Feb-May/March-June)	3	36
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM442	Reseau	Network	Semester 2 (Feb-May)	3	36

Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM347	Langage et comprehension du cinema	Language and understanding of cinema	Semester 2 (Feb-May)	3	24
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM456	Web design	Web programming 3 (Framework)	Semester 2 (Feb-May)	3	30
Ingénieur IMAGE, MULTIMEDIA, AUDIOVISUEL ET COMMUNICATION	IMAGE, MULTIMEDIA, AUDIOVISUAL AND COMMUNICATION	Msc 1st year	6IMM440	Projet Tuteuré	Main Pedagogic project (tutored project)	Semester 2 (Feb-May)	6	-

<b>UFR Sciences Economiques et de Gestion (Economics and Business Studies)</b>								
<b>Formation</b>	<b>Training program</b>	<b>Level</b>	<b>Code Apogée</b>	<b>Intitulé du cours</b>	<b>Course Title</b>	<b>Term</b>	<b>ECTS Credits</b>	<b>Teaching hours</b>
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE505I	MANAGEMENT CONTROL	MANAGEMENT CONTROL	Fall	4.5	34.5
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE506I	MARKETING RESEARCH	MARKET RESEARCH	Fall	4.5	34.5
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE507I	HUMAN RESOURCE MANAGEMENT	HUMAN RESOURCE MANAGEMENT	Fall	4.5	34.5

L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE512I	DESCRIPTIVE STATISTICS	DESCRIPTIVE STATISTICS	Fall	3	34.5
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE513I	BUSINESS ENGLISH	BUSINESS ENGLISH	Fall	3	18
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE517I	CAREER PLANNING MODULE 1	CAREER PLANNING MODULE 1	Fall	3	18
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE603I	BUSINESS ENGLISH	BUSINESS ENGLISH	Spring	3	18
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE605I	CASE STUDY	CASE STUDY	Spring	3	15
L3 MANAGEMENT INTERNATIONAL	INTERNATIONAL MANAGEMENT	BA 3rd year	1EGE606I	CAREER PLANNING MODULE 2	CAREER PLANNING MODULE 2	Spring	3	30
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Economic Policy International Organisations approach	Economic Policy International Organisations approach	Fall	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Data Analysis	Data Analysis	Fall	2	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		International economics	International economics	Fall	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Development Microeconomics	Development Microeconomics	Fall	4	

M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Game theory and negotiation	Game theory and negotiation	Fall	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Competition and regulation	Competition and regulation	Fall	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Econometrics & applied econometrics	Econometrics & applied econometrics	Fall	4	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Development policies	Development policies	Fall	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		International Conferences: cycle 1	International Conferences: cycle 1	Fall	2	
M1 Economie appliquée	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Labour economics	Labour economics	Fall		
M1 Economie appliquée	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Urban economics	Urba economics	Fall		
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		International Management	International Management	Spring	4	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Labour economics in developing countries	Labour economics in developing countries	Spring	4	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Growth and Development	Growth and Development	Spring	3	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Methodology in research	Methodology in research	Spring	1	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Banking & international finance	Banking & international finance	Spring	3	



M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		International Conferences: cycle 2	International Conferences: cycle 2	Spring	2	
M1 Economie Internationale	MASTER INTERNATIONAL ECONOMICS	MA 1st year		Visiting Professor Lectures	Visiting Professor Lectures	Spring	3	

### Institut de Gaspard Monge (IGM; Informatics)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE301S	PROGRAMMATION GNERIQUE EN C++	Generic programming in C++	Fall	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE302S	ANGLAIS	English	Fall	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE303S	GESTION DE PROJET INFORMATIQUE OU INITIATION A LA RECHERCHE	IT project management	Fall	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE304S	GEOMETRIE DISCRETE	Discrete geometry	Fall	4	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE305S	MORPHOLOGIE MATHEMATIQUE	Mathematical morphology	Fall	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE306S	VISION PAR ORDINATEUR ET REALITE AUGMENTEE	Computer vision and augmented reality	Fall	4	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE307S	SYNTHESE D'IMAGES ET REALITE VIRTUELLE	Image synthesis and virtual reality	Fall	3	

Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE308S	REPRESENTATION ET FILTRAGE NUMERIQUE 1D/2D	1D/2D representation and digital filtering	Fall	4	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE309S	RESTAURATION D'IMAGES	Image restoration	Fall	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE401S	VISION PAR ORDINATEUR AVANCEE	Advanced computer vision	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE402S	SYNTHESE D'IMAGES AVANCEE	Advanced image synthesis	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INE403S	TOPOLOGIE ET GEOMETRIE DISCRETE	Topology and discrete geometry	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INU403S	GENERAL PURPOSE GRAPHIC PROCESSING UNIT	GPGPU	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INU404S	ANIMATION ET SIMULATION	Animation and Simulation	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INU405S	GEOMETRIE DIFFERENTIELLE DISCRETE	Discrete differential geometry	Spring	3	
Master SCIENCES DE L'IMAGE	IMAGERY SCIENCES	MSc 2nd year	2INU406S	SYSTEMES DEDIES POUR LA REALITE VIRTUELLE	Dedicated virtual reality systems	Spring	3	
Master Electronique, Energie électrique et Automatique	Electrical engineering	MSc 2nd year	2EEU301M	Systèmes de Communications, dispositifs RF et microondes	RF and microwave circuits	Fall	3	30

Master Electronique, Energie électrique et Automatique	Electrical engineering	MSc 2nd year	2EEU303M	Physique des matériaux et composants	Advanced Electron devices, components and models	Fall	3	30
Master Electronique, Energie électrique et Automatique	Electrical engineering	MSc 2nd year	2EEU304M	Conception de circuits intégrés	Analog IC design	Fall	5	30
Master Informatique fondamentale	Computer Science	MSc 2nd year	2ABCU3D ? (code en 2015-2016, à vérifier)	Algorithmique pour la bioinformatique	Algorithmics for bioinformatics	Fall	4	26

### Institut Francilien d'Ingénierie des Services (IFIS; Services)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
M2 DESTINATION MANAGEMENT	MASTER DESTINATION MANAGEMENT	MA 2nd year	2TOE310D	DESTINATION DEVELOPMENT STRATEGIES AND SITE MANAGEMENT	Destination development strategies	Fall	2	20
M2 LUXURY AND HOSPITALITY	MASTER LUXURY AND HOSPITALITY	MA 2nd year	2TOE312L	Innovation and leardership in luxury hospitality	Innovation and leardership in luxury hospitality	Fall	2	30
M2 Influence. Lobbying et medias sociaux	Master Communication and Lobbying Strategies	MA 2nd year	2IEE312I	Approche comparée des lobbying national et européen. Droit, institutions politiques, procédures et vies parlementaires, processus décisionnels		Fall	2	21
M2 Influence. Lobbying et medias sociaux	Master Communication and Lobbying Strategies	MA 2nd year	2IEE313I	Méthodes et pratiques anglo-saxonnes de lobbying	Lobbying comparée	Fall	2	7

M1 Intelligence économique	M1 IE Infocom	MA 1st year		Analyse de processus de décision et influence, décryptage des environnements professionnels					14
M1 Management de l'innovation et des technologies de l'information	MASTER MANAGEMENT DE L'INNOVATION	MA 1st year	2MPE207T	Services Operations Management	Services Operations Management	Spring		3	24

### Ecole d'Urbanisme de Paris (EUP; Urbanism)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URU305U	PLANNING STUDIO	PLANNING STUDIO	Fall	9	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE307U	SEGREGATION. MINORITIES AND URBAN REGENERATION	SEGREGATION. MINORITIES AND URBAN REGENERATION	Fall	3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE308U	CITY PLANS AND URBAN PROJECTS	CITY PLANS AND URBAN PROJECTS	Fall	3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE309U	APPLIED URBAN ANALYSIS/EUROP. POLICIES	APPLIED URBAN ANALYSIS/EUROP. POLICIES	Fall	3	

M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE310U	METROPOLITAN GOVERNANCE	METROPOLITAN GOVERNANCE	Fall		3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URU301U	ACTIVITES COMMUNES	ACTIVITES COMMUNES	Fall		3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE301U	CITIES: EMERGING ISSUES AND CHALLENGES	CITIES: EMERGING ISSUES AND CHALLENGES	Fall		3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE302U	MARGINS AND PERIPHERIES	MARGINS AND PERIPHERIES	Fall		3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE401U	WORKSHOP PLANNING METROPOLITAN AREAS	WORKSHOP	Spring		3	
M2 Urbanisme et expertise internationale	MASTER URBAN PLANNING AND INTERNATIONAL EXPERTISE Urban Regeneration and City Planning in Europe	MA 2nd year	2URE402U	INTERNATIONAL COMPARISON PRACTICES AND RESEARCH	INTERNATIONAL COMPARISON PRACTICES AND RESEARCH	Spring		2	

### UFR Lettres, Arts, Communication et Technologie (LACT; Humanities)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
Master Cinema et audiovisuel	Master Cinema and Audiovisual	MA 1st year	2AAE110C	Techniques et formes	Techniques and forms 1	Fall	3	

### Institut Francilien des Sciences Appliquées (IFSA; Sciences)

Formation	Training program	Level	Code Apogée	Intitulé du cours	Course Title	Term	ECTS Credits	Teaching hours
M2 Mécanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU101M	METHODES NUMERIQUES POUR LES PROBLEMES MULTIPHYSIQUES	Numerical methods and finite element analysis for multiphysics and non-linear problems	Fall	3	
M2 Mécanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU102M	MECANIQUE DE L'ENDOMMAGEMENT	Damage mechanics	Fall	3	
M2 Mécanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU103M	MECANIQUE DES MATERIAUX/STRUCTURES EN TRANSFORMATIONS FINIES	Finite elasticity	Fall	3	
M2 Mécanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU104M	HOMOGENEISATION EN MECANIQUE DES MILIEUX CONTINUS	Homogenization in continuum mechanics	Fall	3	

M2 Mecanique. Materiaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU105M	MODELISATION PROBABILISTE DES INCERTITUDES EN MECANIQUE	Probabilistic modelling of uncertainties in mechanics	Fall		3	
M2 Mecanique. Materiaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU106M	ANGLAIS POUR LA COMMUNICATION SCIENTIFIQUE	English for scientific communication	Fall		3	
M2 Mecanique. Materiaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU107M	MECANIQUE DE LA MISE EN FORME ET COUPLAGE THERMIQUE	Mechanical modelling of manufacturing processes and thermal coupling	Fall		3	12
M2 Mecanique. Materiaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU108M	DYNAMIQUE ET PROPAGATION D'ONDES DANS LES STRUCTURES	Dynamics and wave propagation in complex structures	Fall		3	
M2 Mecanique. Materiaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU109M	MECANIQUE DES INTERFACES	Interface problems	Fall		3	

M2 Mecanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU110M	HOMOGENEISATION NUMERIQUE DES MATERIAUX HETEROGENES	Digital homogenisation techniques for heterogeneous materials	Fall	3	
M2 Mecanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU111M	FIABILITE	Reliability analysis of mechanical systems	Fall	3	
M2 Mecanique. Matériaux et Structures pour Construction	MECHANICS OF MATERIALS AND STRUCTURES FOR CIVIL ENGINEERING AND TRANSPORTATION SYSTEMS	MSc 2nd year	2GCU112M	MODELISATION STOCHASTIQUE POUR LES MILIEUX ALEATOIRES	Stochastic modelling and computational analysis for random media	Fall	3	
LP Economie de la Construction en Contexte Européen	European Context for Construction Economy	BSc 3rd year	5COU002	Droit de la construction au Royaume Uni	Construction Law (UK)	March 26-31	3	35