

GLOSSAIRE / Glossary

CC : **Contrôle Continu**. *Ongoing evaluations.*

CM : **Cours Magistral**. Il s'agit d'un cours théorique, en amphithéâtre, présenté sous forme de conférence par le professeur et pendant lequel l'étudiant prend des notes. Ces cours font souvent l'objet de brochures polycopiées, éditées par le professeur, internes à l'UFR (les « polys ») et qui sont mises à disposition en fin de session pour la préparation des examens. *Cours Magistral. It is a theoretic course, where the professor lectures while students take notes. Many teachers produce lecture notes or course packs (known in French as polys), which are made available in order to help students to prepare their exams.*

CT : **Contrôle Terminal**. *Final Exam.*

ECP : **Éléments Constitutifs Pré-professionnels**. Dans l'UFR de Lettres, Langues et Sciences Humaines, ils sont obligatoires à partir de L2. Leur intérêt est de faire rentrer les études de l'étudiant dans un cadre professionnel plus précis. / *Teaching units meant to give professional insight to students (to be chosen from a list according to one's personal career goals and interests).*

ECR : **Éléments Constitutifs de Recherche**. Dans l'UFR de Lettres, Langues et Sciences Humaines, en Semestre 5 et Semestre 6, ils sont obligatoires et forment associés aux ECP (Éléments Constitutifs Pré-professionnels). / *Teaching units meant to give professional insight to students (to be chosen from a list according to one's personal career goals and interests).*

ECTS : **Système européen de transfert et d'accumulation de crédits**. *European Credits Transfer System.*

TD : **Travaux Dirigés**. C'est une forme d'enseignement qui permet d'appliquer les connaissances apprises pendant les cours théoriques ou d'introduire des notions nouvelles. En groupes restreints, les étudiants travaillent individuellement sur des exercices en présence du professeur, qui les suit et les corrige. Les TD sont obligatoires, à la différence des cours magistraux où les absences ne sont pas contrôlées. *Travaux Dirigés (tutorials). Small-group sessions where students explore and deepen topics raised during the lectures through individual written exercises. Unlike lectures, attendance is compulsory.*

TP : **Travaux Pratiques**. Type d'enseignement fondé sur l'apprentissage pratique avec, en particulier, la réalisation d'expériences permettant de vérifier et compléter les connaissances dispensées dans les cours théoriques. Les TP ont souvent lieu dans des salles affectées à ces travaux (type laboratoire). *Travaux Pratiques (labs). Classes held in laboratories where academic and scientific concepts are put into practise and tested.*

UECG : **Unité d'Enseignement de Culture Générale**. / *Teaching Unit on General Culture subjects.*

UEF : **Unité d'Enseignement et de Formation**. / *Unit of Teaching Courses.*

UEL : **Unité Libre d'Enseignement**. / *Elective Teaching Unit on a large variety of subjects.*

Faculty of Law, Economics and Business Studies

Courses can be picked individually although schedule overlapping can be avoided if choosing a whole unit.

Diploma label	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
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Licence 1 Sciences Économiques et de Gestion / 1st year Bachelor Economics and Management Sciences									
Licence Sciences Économiques et de Gestion / Bachelor Economics and Business Studies	L1	L1 SEG		S1	Contemporary Economic Issues	18	2	CM	CC ou CT
	Licence 3 option Management International / 3rd-year Bachelor option International Management								
L3	L3 MI			S5	Introduction to Intercultural Management	10	2	CM	CC ou CT
	L3 MI			S6	Financial Globalization	20	2	CM	CC ou CT
					Introduction to International Business Law	10	2	CM	
					International Economics	20	2	CM	

Diploma label	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
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Master Management International / Master International Management	M1	M1 MI		S7	International Management 1 and Economics	15	2	CM	CC ou CT	
					Introduction to International Marketing	20	3	CM		
	M1	M1 MI		S8	Corporate Finance	20	3	CM	CC ou CT	
					Change Management	15	2	CM		
					International Team Management	15	2	CM		
					Brand Management	20	3	CM		
					New Product Development	15	2	CM		
					International Monetary Systems	15	2	CM		
	M2 spécialité Management Financier et Contrôle International / M2 option International Financial Control									
	M2	M2 MFCI		S9	International Business Law	30	4	CM	CC ou CT	
					International Management 2 : Analysis and Practices	20	3	CM		
					Currency Exchange Risk and Country Risk Management	30	5	CM		
					Cross-cultural Business : Organisation Theories and Behaviour	20	3	CM		
					Supply Chain Management	20	3	CM		
					International Means of Payment	15	2	CM		
Corporate Accounting					15	2	CM			
International Accounting					25	4	CM			
M2	M2 MFCI		S10	International Taxation	20	2	CM	CC ou CT		
				Cash Management	15	2	CM			
				Financial Communication	20	3	CM			
				Risk Management and Derivatives	20	2	CM			
M2 spécialité Management International et Marketing / M2 option International Management and Marketing										
M2	M2 MIM		S9	International Business Law	30	4	CM	CC ou CT		
				International Management 2 : Analysis and Practices	20	3	CM			
				Currency Exchange Risk and Country Risk Management	30	5	CM			
				Cross-cultural Business : Organisation Theories and Behaviour	20	3	CM			
				Supply Chain Management	20	3	CM			
				International Means of Payment	15	2	CM			
				E-Marketing	25	4	CM			
				New Tendencies in Marketing	15	2	CM			
M2	M2 MIM		S10	International Consumer Behaviour	30	4	CM	CC ou CT		
				International Product Management	20	2	CM			
				Managing International Marketing Channels	20	3	CM			

M2 spécialité Management International des Ressources Humaines / M2 option Human Resources Management								
M2	M2 MIRH		S9	Compensation Policy	15	2	CM	CC ou CT
				Performance Appraisal	12	2	CM	
				Security Regulations	12	3	CM	
	M2 MIRH		S10	Organizational Behaviour	21	3	CM	CC ou CT
				Human Resource Management Policies	15	3	CM	
				Intercultural Management	15	3	CM	
				The European Social Dialogue	6	1	CM	
				Strategic Issues and Best Practices	12	2	CM	
				Ethics and Social Responsibility	15	3	CM	
				Diversity Management	12	2	CM	
Health and Safety at Work				12	2	CM		
New Developments in Career Management	12	2	CM					

Diploma label	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam	
Master Stratégies et Ingénierie Économiques / Master Strategic and Economic Engineering	M1	M1 SIE		S7	Economics of Knowledge and Information	18	2	CM	CC ou CT	
		M1 SIE		S8	Economical Geography	18	3	CM	CC ou CT	
	M2 spécialité Chargé de Développement : Entreprises et Territoires Durables (CDET) /									
	M2	M2 CDET		S10	International Attractivity and Territorial Marketing	10	4	CM	CC ou CT	
	M2 spécialité Ingénierie Économique / M2 option Economic Engineering									
	M2	M2 ING		S9	Theory of Incentives	24	4	CM	CC ou CT	

Faculty of Languages, Humanities and Social Sciences

Modules have to be chosen as a whole: one cannot pick individual courses.

Géographie / Geography	L2	UEF 42	Society, Space and Economics	S4	EC 1 - Introduction to Social geography	24	3	CM/TD	
					EC 2 - Introduction to Economic geography	24		CM/TD	
					3 - Cartography and Statistics: Analytic Meth	24		TD	

Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
Anglais (LCE) / English Language	L1	UEF AN11	English Language	S1	Introduction to Translation		9		
	Grammatical Translation into English								
	English Language Phonetics and Phonology								
	Oral Comprehension Communication								
	L1	UEF AN12	Foreign cultures	S1	Literature in English		9		
	Reading Literary Texts								
	History of Great Britain American History								
	L1	UEF AN21	English Language	S2	Translation into English		10		
	Translation into French								
	Grammar and Translation								
	English Language Phonetics and Phonology								
	Oral Comprehension and Pronunciation Communication								
L1	UEF AN22	Foreign Cultures	S2	English Literature		8			
Survey of English Literature									
British History American History									
L2	UEF 31	English Language	S3	Translation into English		10			
Translation into French									
Grammar									
Phonology									
Comprehension and Pronunciation Communication									
L2	UEF 32	Foreign Cultures	S3	Literary analysis		10			
Survey of English Literature									
Complete Work of Literature									
British History									
American History									
American Institutions									
Geography of Great Britain									
L2	UEF 41	English Language	S4	Translation into English		10			
Translation into French									
Grammar									
Phonology									
Comprehension and Pronunciation Communication									
L2	UEF 42	Foreign Cultures	S4	Literary Analysis		10			
Survey of English Literature									
Complete Work of Literature									
British History									
American History									
American Institutions									
United States Geography									
L3	UEF 51	English Language	S5	Translation into English		10			
Translation into French									
Grammar									
Phonology									
Comprehension and Oral Expression Literary Commentary									
L3	UEF 52	Foreign Cultures	S5	English Literature		14			
Complete Work of British Literature									
Complete Work of American Literature									
Stylistics									
Culture - US or GB									
Cultural Theme - GB Cultural Theme - USA									

Anglais (LCE) / English Language

L3		ECR	S5	Methods of Text Commentary - Literary and Civilisation		2		
L3	UEF 61	English Language	S6	Translation into English	10			
				Translation into French				
				Grammar				
				Phonology				
				Oral Comprehension and Expression				
Cultural Communication								
L3	UEF 62	Foreign Cultures	S6	English Literature	14			
				Complete Work of British Literature				
				Complete Work of American Literature				
				Symbols and Figures of Style				
				Culture - US or GB				
				Cultural Question - GB				
Cultural Question - USA								

**Cultures et critiques du texte en littératures, langues et civilisations /
Master Research Culture and text analysis in Literature, Language and Civilisation**

M1	Disciplinary Seminar	S1	Creating a Bibliography	12			
			Language and Translation				
			English Literature				
			Culture and Civilisation of English-speaking Countries				
M1	Disciplinary Seminar	S2	Literature and the Arts	8			
			Civilisation and the History of Ideas				
M2	Disciplinary Seminar	S3	Literary Theme	12			
			Cultural Theme				
M2	Disciplinary Seminar	S4	Literary Theme	6			
			Civilisation and the History of Ideas				

Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
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L1				S1	Translation and Grammar Analysis	11			
					Translating the Press into French				
					Contemporary Culture				
					Language Lab Work				
					University Study Methods for English Majors				
L1				S2	Translation	10		TD	
					Economic Geography GB and USA				
					Language Lab work				
					English Language University Study Methods for English Majors				
L2				S3	Translating the Press	9			
					Economic English				
					Contemporary British Culture				
					Oral English				
L2				S4	Translating the Press	8			
					Economic English				
					Contemporary America				
					Writing and Speaking				
L3				S5	Translating the Press into French	13			
					Contemporary America				
					Writing and Speaking				
					The Language of Economics				
					Finance				
					Marketing				

Master International Business Trilingual Translator

M1				S1	Writing and Speaking	6			
					Knowledge of Markets				
M1				S2	Thesis and Oral Defence	12			
M2				S3	International Negotiation in English	5			
					Trilingual Translator				

Langues Étrangères Appliquées (LEA) / Applied Foreign Languages

Others optional courses (undergraduate level) - UEP, UECG, UEL

L3	UECG 115		1st Sem	The Theme of Initiation in the Short Story in English	18			
	UECG 122		1st Sem	Introduction to US Politics	18			
	ECP 12		1st Sem	English Language Press (French/English)	12			
	ECP 45		1st Sem	Oral Translation in English	12			
	ECR	LCE Engl.		Research in English Culture	12			
	ECR	LCE Engl.		Research in 19th Century English Literature	12			
	ECR	LCE Engl.		Text Commentary - Literature	12			
	ECR	LCE Engl.		History and Civilisation	12			
	UECG 173			Victorian Children's Literature	18			
	UECG 126			Canada: Its Questions and Issues	18			
	UECG 127			American Culture and Society	18			
	UECG 179			English Language Film	18			
	UECG 141			The English Monarchy	18			
	UECG 186			American Popular Song: From Roots to Rock'n Roll	18			
	ECP 16			Journalism in the English-speaking World	12			
	ECP 51			Workshop in Translation	12			
	UEL	Geography		Tackling European Issues	16			
	UEL			Myths and Symbols - Love	16			

Faculty of Sciences

Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
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Licence 2 MPCIE / 2nd-year Bachelor

Mathématiques- Physique-Chimie- Informatique- Économie / Mathematics-Physics- Chemistry-Informatics- Economics	L2	UE5		S6	Heterogeneous Balances	18	2	TD/CM	ECRIT
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Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
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option Ecosystèmes et Environnements Actuels et Passés (EEAP) / Ecology

Biologie / Biology	M1	UE22-S2M		S2	Discussions on Earth System Science	27	3	TD	CC oral
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Master 2 LUMOMAT (Lumière-Molécules-Matière / Light-Molecule-Mass)

Chimie / Chemistry	M2	UE1		S3	English	10	4	TP	CC
					Communication skills	10		TP	CC
					Arts, Sciences and Society	10		TP	CC
					Chemometrics, Experimental Plan	20		TD/CM	CC
	M2	UE2		S3	Modelling and Theoretical Spectroscopy	30	5	TP/CM	0,5CC + 0,5TP
					Advanced Molecular Spectroscopy, Photophysics	42		TP/TD/CM	0,7CC + 0,3TP
	M2	UE3		S3	Tutored Project	30	7	TP	Rapport écrit et soutenance
					Molecular Engineering of Pi-conjugated Systems	30		TP/TD/CM	0,7CC + 0,3TP
					Supramolecular Chemistry	40		TP/TD/CM	0,7CC + 0,3TP
	M2	UE4		S3	Heart Spectroscopy, Near-field Microscopy	25	7	TP/TD/CM	0,7CC + 0,3TP
					Molecular Material/Hybrids/Nanomaterials	60		TP/CM	0,5CC + 0,5TP
					Bio-imaging	20		TP/CM	0,7CC + 0,3TP
	M2	UE5		S3	Formulation	30	7	TP/TD/CM	0,7CC + 0,3TP
					Modified Surfaces, Interfaces, Thin Layer	20		TP/TD/CM	0,7CC + 0,3TP
					Derivative Electrochemical Technics	20		TP/TD/CM	0,7CC + 0,3TP
Organic Electronics					40	TP/TD/CM		0,7CC + 0,3TP	

Faculty of Tourism and Hospitality Management (Tourism and Culture)

Modules have to be chosen as a whole: one cannot pick individual courses.

If the assessment is an exam at the end of the semester, students may be questioned on one or several of the courses within the group (i.e. "a" or "b"). Students, who are noted below a 10/20 average on one group, will have to pass again the exam on all courses of the module noted below 10/20.

Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam	
Tourisme / Tourism	L3	UEF1	Language and communication	S6	French Culture	16	6	CM	CC	
					French Language	32		CM	CC	
	L3	UEF2	Tourism Management	S6 (a)	Management Accounting	12	8		CT	
				S6 (b)	Tourism and the European Union	12			CT	
					Commercial Negotiation	12			CC	
	L3	UEF3	Projects	S6 (a)	Tourism Management Education and Training	12	4		CC	
				S6 (b)	Consumer Behaviour	12			CC	
					Tourism Outlooks	12			CC	
	L3	UEF4	Tourism Studies	S6 (a)	Regional Tourism	12	6		CT	
					Getting to Know a Tourism Destination	6			CT	
					History of Tourism in Europe	12			CT	
				S6 (b)	Tourism and Transport	12			CC	
					Sports and Tourism	12			CC	
	L3	UEF5	Culture and tourism	S6 (a)	The Loire Valley Castles	16	6		CT	
					Food Culture Management	12			CT	
					Marketing Wine and Related Products	12			CT	
				S6 (b)	Tourism Destinations	12			CC	
	Master Gestion des Organisations du Tourisme / Tourism and Hospitality Management									
	M1	UEF1	Language and communication	S8	French as a Foreign Language for Beginners	12	3		TD	CC
					Academic Methodology	12			TD	CC
					Tourism in the European Union	12			TD	CC
	M1	UEF2	Tourism & Hospitality Management 1	S8	Strategic Management	12	4		TD	CC/CT
					Service Quality Management	12			TD	CC/CT
					E-Marketing & E-Tourism	12			TD	CC
				Marketing for Tourism & Hospitality	24			TD	CC/CT	
M1	UEF3	Social Studies	S8	Tourist Practices	12	4		TD	CC	
				Socio-Economics of Tourism	12			TD	CC	
				Sustainable Tourism	12			TD	CC	
				International Law	12			TD	CC/CT	
M1	UEF4	Research Project	S8	Research Methodology	12	3		TD	CC	
				Applied Research Project	12			TD	CC	
M1	UEF5	Tourism & Hospitality Management 2	S8	International Tourism	12	4		TD	CC/CT	
				Project Management	12			TD	CC/CT	
				Tourist Product Distribution	12			TD	CC/CT	
				Human Resource Management	12			TD	CC/CT	
M2	UEF1	Language, Culture & Communication	S10	French as a Foreign Language (level 1 only)	32	4		TD	CC/CT	
				Strategic Communication	12			TD	CC/CT	
				Career and Professional Development	24			TD	CC/CT	
				Culture and Tourism Current Issues	12			TD	CC/CT	
M2	UEF2	Strategic Hospitality Management	S10	Destination Analysis & Management	12	8		TD	CC/CT	
				Yield Management	12			TD	CC/CT	
				Travel Service Management (apprenticeship)	12			TD	CC/CT	
				Food & Beverage Management	12			TD	CC/CT	
				Strategy Case Studies	12			TD	CC/CT	
M2	UEF3	International Studies	S10	Development of South-East Asia Current Issues	12	8		TD	CC/CT	
				Tourism in China	12			TD	CC/CT	
				Tourism in Russia and Eastern Europe	12			TD	CC/CT	
				Intercultural Management	12			TD	CC/CT	
				Emerging Issues in International Tourism (guest lecturers)	12			TD	CC/CT	
M2	UEF4	Research Project	S10	Research Methods	12	3		TD	CC/CT	
				Scientific Writing	12				CC/CT	

Tourisme / Tourism

M2	UEF5	Hospitality Operations Management	S10	Wine Studies (apprenticeship)	12	7	TD	CC/CT
				Heritage & Luxury Goods International Management	12		TD	CC/CT
				Airline Management	12		TD	CC/CT
				Cruise Line Operations (in French)	12		TD	CC/CT
				Culture and Heritage Management	12		TD	CC/CT

Unit	ECTS
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M2	Placement	15
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M2	Master thesis (report + presentation)	15
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Courses can be chosen individually.

Field	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
Tronc commun (2ème / 3ème année) / Common part (2nd / 3rd year)	L2	UE3 - 2	Formation Fondamentale	S3	Linear Algebra	48	3	CM/TD	CC
		UE3 - 4	Génie Informatique	S3	Computer Programming in C Language	32	2	CM/TD	CC
	L3	UE5 - 2	Formation de base de l'ingénieur	S5	Operations Research	20	2	CM/TD	CT
					Industrial Instrumentation	20	2	CM / TP	CC
		UE5 - 3	Automatique	S5	Dynamic Systems: Models and Simulations	40	3	CM/TD	CC
					Automatic Control	48	3	CM/TD/TP	CC
		UE5 - 4	Génie Informatique	S5	C Language	48	3	TP/TD	CC
	Unix / Python				20	2	CM/TD/TP	CT	
	L4	UE6 - 3	Automatique	S6	Automatic control	44	4	CM/TD/TP	CC
					Micro-controller	24	2	CM/TD/TP	CC
		UE6 - 4	Génie Informatique	S6	Virtual Reality	16	2	CM/TD/TP	CT

Diploma Label	Level	Code	Unit	Semester	Titles	Hours	ECTS	Course type	Exam
option Automatique et Génie Informatique (AGI) / option Automation and Computer Engineering									

Diplôme d'Ingénieur en Génie de Systèmes Industriels / Engineering Diploma	M1	UE7 - 2A	Génie Automatique	S7	Machine Vision	20	2	CM/TD/TP	CT
					Signal Processing I	16	1	CM/TD/TP	CC
					Process Control	20	2	TD	CC
					Industrial Networks	34	2	CM/TD/TP	CC
					SCADA Software 1	20	2	CM/TD/TP	CC
					Identification Estimation	16	1	CM/TD/TP	CC
					Computer Networks	24	2	CM/TD/TP	CC/CT
	UE7 - 3A	Génie Informatique	S7	Virtual Reality 2	20	2	CM/TD/TP	CC	
	M2	UE9 - 3A-1	Informatique Industrielle et Génie Informatique	S9	SCADA Software 2	20	2	CM/TD	CC
					Automatic Control	20	2	CM/TD	CC
					Optimization	20	1	CM/TD	CT
		UE9 - 3A-2	Réalité Virtuelle : IHM RV	S9	Behavioral Human-Computer Interaction	14,66	1	CM/TP	CC
					Interaction and Multimodality	8	1	CM/TP	CC
UE9 - 4A-1		Génie Informatique : IAIE Commun IHM-	S9	Software Engineering II	16	1	CM/TD	CT	
UE9 - 5A-2	Modélisation et Rendu : IHM-RV	S9	Modélisation et Rendu Haptique	12	1	CM/TD/TP	CC		

option Qualité et Sûreté de Fonctionnement (QSF) / option Quality and Dependability Engineering

M1	UE7 - 2Q	Manag. et Maîtrise de la Production	S7	Design of Experiments - Process Optimization	24	2	CM/TD	CT
				Operations Research	16	1	CM/TD	CT
	UE7 - 3Q	Manag. et Maîtrise de la Conception	S7	Previsional Reliability	16	1	CM/TD	CT
	UE8 - 3I-1	Conception Innovante (Tronc Commun IDI)	S8	Innovative Design by Patent Constraints	16	6	CM/TD	CC

option Maintenance Immobilière et Sécurité / option Civil Engineering

M1	UE7-2	Qualité #1	S7	Operations and Maintenance of Buildings	4		CM	
	UE7-3	Sécurité #1		Decision and Risk Control	16	1	CM/TD	CC/CT
	UE8-2	Bâtiment #3	S8	Case Studies in Eng. of Maintenance and Safety of Buildings	8		TD	