

LICENCE 1ère année mention ECONOMIE

Parcours Economie et Gestion

2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials* (TD) (TP)	Language of teaching	Professor
Semester 1						
Economie générale	ELUED101	5	30	15	French	M. Cojocaru / I. Péchoux
Introduction à la Gestion	ELUED102	5	30	15	French	B. Hameau
Mathématiques pour l'économie et la gestion 1	ELUED103	5	30	21	French	Jean-Luc Volery
Introduction au Droit	ELUED104	4	30	/	French	S. Hortala - E. Fohrer-Dedeurwaerder
Semester 2						
Microéconomie de la production	ELUED200	6	30	15	French	Lucie Bottega
Macroéconomie générale 1	ELUED201	6	30	15	French	S.Kankanamge / I. Péchoux
Mathématiques pour l'économie et la gestion 2	ELUED202	5	30	15	French	M.Duval / J.P. Ibrahim
Statistique Descriptive pour l'économie et la gestion	ELUED203	4	18	15	French	S. Casanova

CM: "Cours Magistral" means **Lecture**

TD: "Travaux Dirigés" means **Tutorials**

TP: "Travaux Pratiques" means **Practical Tutorials**

All these courses are taught in French, and the final written exams will be in French too.

*Tutorials:

Please note that you are just allowed to take the **TDs taught in French, not in English**

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence (medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero even if you were present at the mid-term exams

Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mid-term exams is compulsory.

However, if you miss one or all of these mid-term exams, then, the final exam will represent 100 % of the final grade.

You won't have to justify your absence to the mid-term exams but you will only have one grade: the final exam grade.

In most cases the final grade represents: 50% of the tutorial grades and 50% of the final written exam

First Semester: Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Economie générale: 2 Mid-term exams

Introduction à la Gestion: 2 Mid-term exams

Mathématiques pour l'économie et la gestion 1: 3 Mid-term exams

At the beginning of the course in September, you will have 3 pre-tutorial classes in Mathematics, a test in September (evaluation of your level), and a last pre-tutorial class (to have the test result).

Second Semester: Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Microéconomie de la production: 2 Mid-term exams

Macroéconomie générale 1: 2 Mid-term exams

Mathématiques pour l'économie et la gestion 2: 2 Mid-term exams

Statistique Descriptive pour l'économie et la gestion: 1 Mid-term exam

LICENCE 1ère année mention ECONOMIE

Parcours Economie

2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching	Professor
Semester 1						
Microéconomie 1 *	ELUEA100	5	30	15	French	C.Gollier / P.Alby
Macroéconomie 1 *	ELUEA101	5	30	15	French	I. Péchoux / M.Cojocararu
Introduction à la Gestion *	ELUEA102	5	30	15	French	B.Hameau
Mathématiques 1 *	ELUEA103	5	30	21	French	B.Huou - J.L Volery
Introduction au Droit pour économiste	ELUEA104	4	30	/	French	C. Hermon / M. Bassano / T. Garé
Semester 2						
Microéconomie 2*	ELUEA200	6	30	15	French	Lucie Bottega
Macroéconomie 2*	ELUEA201	6	30	15	French	S.Kankanamge / I. Péchoux
Mathématiques 2*	ELUEA202	6	30	15	French	M. Duval / J.P Ibrahim

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TP: "Travaux Pratiques" means **Practical Tutorials**

All these courses are taught in French, and the final written exams will be in French too.

*Tutorials (TDs):

Please note that you are just allowed to take the **TDs taught in French, not in English**

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence (medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero even if you were present at the mid-term exams

Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mid-term exams is compulsory.

However, if you miss one or all of these mid-term exams, then, the final exam will represent 100 % of the final grade.

You won't have to justify your absence to the mid-term exams but you will only have one grade: the final exam grade.

In most cases the final grade represents: 50% of the tutorial grades and 50% of the final written exam

First Semester: Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Microéconomie 1: 2 Mid-term exams

Macroéconomie 1: 2 Mid-term exams

Introduction à la gestion: 2 Mid-term exams

Mathématiques 1: 3 Mid-term exams.

At the beginning of the course in September, you will have 3 pre-tutorial classes in Mathematics, a test in September (evaluation of your level), and a last pre-tutorial class (to have the test result).

Second Semester: Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Microéconomie 2: 2 Mid-term exams

Macroéconomie 2: 2 Mid-term exams

Mathématiques 2: 2 Mid-term exams

Licence 2ème année mention Economie

Parcours Economie et Gestion

2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching	Professor
Semester 1						
Microéconomie 3 *	ELUED300	5	30	15	French	M. Bouissou
Macroéconomie 3 *	ELUED301	5	30	15	French	Mrs Bottega
Marketing	ELUED302	5	30	15	French	M. Grobert
Mathématiques 3	ELUED303	5	30	21	French	M. Ginez
Probabilités	ELUED304	4	30	15	French	M. Perrin
Sociologie	ELMED302	4	30	/	French	M. Roggero
Semester 2						
Microéconomie 4 *	ELUED400	5	30	15	French	Mrs Bottega
Macroéconomie 4 *	ELUED401	5	30	15	French	M.Rebeyrol
Mathématiques 4	ELUED402	5	30	15	French	M. Volery
Statistiques Inférentielles	ELUED404	5	30	15	French	M.Huou
Base de données	ELUED405	3	15	30	French	M. Andonoff

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TD: "Travaux Dirigés" means **Tutorials**

All these courses are taught in French, and the final written exams will be in French too.

*Tutorials (TDs) in Microéconomie 3, Macroéconomie 3, Microéconomie 4, Macroéconomie 4:

Please note that you are just allowed to take the **TDs taught in French, not in English**

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence (medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero even if you were present at the mid-term exams

Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mi-term exams is compulsory.

However, if you miss one or all of these mid-term exams, then, the final exam will represent 100 % of the final grade.

You won't have to justify your absence to the mid-term exams but you will only have one grade: the final exam grade.

In most cases the final grade represents: 40% of the tutorial grades and 60% of the final written exam or 50% of the tutorial grades and 50% of the final written exam (depending on the course)

First Semester: Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Microéconomie 3: 2 Mid-term exams

Macroéconomie 3: 2 Mid-term exams

Mathématiques 3: 2 Mid-term exams

Probabilités: 1 Mid-term exam

The attendance to these mid-term exams is compulsory.

But, if you miss one or all of these mid-term exams, then, the final exam will represent 100 % of the final grade:

only for Microéconomie 3, Macroéconomie 3, Mathématiques 3, Probabilités, Mathématiques 4

You won't have to justify your absence to the mid-term exams but you will only have one grade: the final exam grade.

Second Semester: Mid-term exams and organization in "small groups"

Microéconomie 4: the course is taught in "small groups". There are 2 mid-term exams during the semester, no final exam.

Attendance is compulsory.

If you have missed one of these 2 mi-term exams: a retake exam will be possible only if you can justify your absence.

Final grade: average of the 2 mid-term exams + grade for course participation

Macroéconomie 4: the course is taught in small groups. There are 2 mid-term exams during the semester, no final exam.

Attendance is compulsory.

If you have missed one of these 2 mi-term exams: a retake exam will be possible only if you can justify your absence.

Final grade: average of the 2 mid-term exams + grade for course participation

Mathématiques 4: 2 Mid-term exams

Statistiques Inférentielles: 1 Mid-term exam

Base de données: 1 Mid-term exam

Licence 3ème année mention Economie 2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching	Professor
Semester 1						
Microéconomie 5	ELUEA500	6	30	15	French	Mrs Dubec
Topics in Macro 1	ELUEA501	6	30	15	English CM and TD	M. Alby
Mathématiques	ELUEA502	6	30	30	French	M. Volery
Probabilité Statistique	ELUEA503	6	30	15	French	Mrs Duval
Analyse des données et tests statistiques*	ELUEA504 ELMEA500	4	25.5	15	French	Mrs Casanova / Mrs Leconte
Introduction à la modélisation et l'analyse des comportements stratégiques et application à l'économie*	ELUEA504 ELMEA502	4	30	0	French	M. Gobillard
Economie Internationale*	ELUEA504 ELMEA501	4	30	0	French	Mrs Péchoux
Semester 2						
Economie Industrielle	ELUEA600	5	30	15	English TD only	M. Gasmi
Topics in Macro 2	ELUEA601	5	30	15	English CM and TD	M. Kankanange
Introductory Econometrics	ELUEA602	5	30	15+15 TP	English TD and TP only	Mrs Cazals
Topics in Modern Economics	ELUEA604 ELMEA600	5	30	15	English CM and TD	Mrs Durrmeyer

CM: "Cours Magistral" means **Lecture**

TD: "Travaux Dirigés" means **Tutorials**

TP: "Travaux Pratiques" means **Practical Tutorials**

Courses taught in French: final written exams will be in French too.

Semester 1

* Analyse des données et tests statistiques, Introduction à la modélisation et l'analyse des comportements stratégiques et application à l'économie, Economie Internationale: elective courses. You can only choose one between these 3 courses. These 3 courses are taught in French.

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence

(medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero

Mid-term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mi-term exams is compulsory.

However, if you miss one or all of these mid-term exams, then, the final exam will represent 100 % of the final grade.

You won't have to justify your absence to the mid-term exams but you will only have one grade: the final exam grade.

First Semester: Mid term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Microéconomie 5: 1 Mid-term exam

Topics in Macro 1: 1 Mid-term exam

Mathématiques: 1 Mid-term exam

Analyse de données et tests statistiques: the mid-term exam is a project

Probabilités Statistique: 1 Mid-term exam

Second Semester: Mid term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Economie Industrielle: 1 Mid-term exam

Topics in Macro 2: 1 Mid-term exam

Introductory Econometrics: 1 Mid-term exam + project

Topics in modern economics: 1 Mid-term exam

Master 1 mention Economics International Track 2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching	Professor
Semester 1						
Macroeconomics	EMMEC100	5	30	10.5	English	Mrs Assenza
Theory of Incentives	EMMEC102	3	15	6	English	M. Smolin / M. Gomez
R Programming	EMMEC106	2	15	7.5 TP	English	M. Godin-Dubois
Environmental economics*	EMMEC108	2	15	/	English	M. Andersson
Economic history*	EMMEC109	2	15	/	English	M. Gay
Markov Chains and applications	EMMEC110	2	15	/	English	M. Ibrahim
Probability Modeling*	EMMEC111	2	15	/	English	Mrs Voltchkova
Market power and regulation	EMMEC134	2	15	5 seats only	English	Mrs Auriol
Project management*	EMMEC116	2	15	/	English	Mrs Vaufrey
Semester 2						
Public Economics	EMMEC103	5	30	10.5	English	M. Cremer
Industrial organization*	EMMEC117	4	30	9	English	M. de Cornière / Mr Rhodes
Environmental and resource economics*	EMMEC118	4	30	/	English	M. Andersson
Economics of human development*	EMMEC119	4	30	/	English	M. Tapsoba
Corporate finance*	EMMEC120	4	30	/	English	to be confirmed
Market Finance*	EMMEC121	4	30	/	English	to be confirmed
Dynamic optimization*	EMMEC122	4	15	12	English	Mrs Alziary
Martingales Theory and applications*	EMMEC123	4	15	12	English	M. Miclo
Panel Data*	EMMEC124	4	30	/	English	M. Simioni
Time Series*	EMMEC125	4	30	/	English	M. Kim
Data Bases*	EMMEC126	4	15	12	English	M. Tournier
Empirical Industrial Organization*	EMMEC127	4	15	12	English	to be confirmed
Advanced Macro*	EMMEC129	4	30	/	English	M. Collard
Advanced Micro*	EMMEC130	4	30	/	English	M. Yamashita
Behavioral and experimental economics*	EMMEC131	4	15	12	English	to be confirmed

*Elective courses

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Be careful, some pairs of electives aren't compatible.

Please contact Mrs Strachan in charge of the M1 students and schedules to have more information:

louise.strachan@ut-capitole.fr

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence (medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero

Mid term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mid-term exams is compulsory.

All absences must be justified, just after the exam period.

However, if you are absent for the mid-term exam and have justified your absence, then your final grade will be based 100 % on the final exam.

If you do not justify your absence for the mid-term exams, you will receive a grade of zero.

In most cases the final grade represents: 40% of the tutorial grades and 60% of the final written exam

Master 1 mention Economics and statistics

International Track

2021-2022

	Erasmus code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching	Schedule (international track)	Professor
Semester 1							
Strategic optimization	EMMMA105	6	30	/	English	Mathematics and Economic decision schedule	M. Renault
Intermediate econometrics	EMMSA103	5	30	10.5 + 10.5 TP	English	Statistics and applied econometrics schedule / data science for social sciences	M. Lavergne
Game Theory	EMMSA106	5	30	12	English	Statistics and applied econometrics schedule / data science for social sciences	M. Gobillard
Advanced analysis	EMMMA104	6	30	15	English	Mathematics and Economic decision schedule	to be confirmed
Semester 2							
Games and equilibria	EMMMA106	6	30	/	English	Mathematics and Economic decision schedule	M. Gensbittel
Program evaluation	EMMSA105	5	30	10.5 TP	English	Statistics and applied econometrics schedule / data science for social sciences	M. Kamat / M. Poinas

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Please note the pre-requisites for these 3 courses:

Advanced analysis, Professor Mr Villeneuve (to be confirmed)

Please consult the content of the course before. Here is the link:

https://perso.math.univ-toulouse.fr/gadat/files/2012/12/cours_Analyse_M15.pdf

Strategic optimization, Professor Mr Renault

Please consult the content of the course before. Here is the link:

<https://sites.google.com/site/irenaultsite/lecturenotes>

Course's Objectives - Objectifs du cours :

This course is an introduction to strategic optimization, the mathematical aspects of game theory.

It first focuses on zero-sum games, which are essential to the understanding of : worst-case analysis in one person decision making, games of total conflict and general-sum games (where cooperation can be sustained via zero-sum games strategies). Then some aspects of data sciences, such as Approachability, No-Regret Learning and Calibration, are presented.

Prerequisites - Pré requis :

Analysis (compact metric spaces, continuous functions,...), elementary Probability Theory and interest in mathematics and strategic thinking.

Grading system - Modalités d'évaluation :

a mid-term exam (40 %) and a final exam (60%)

Games and equilibria, Professor Mr Gensbittel:

You must have followed the 2 courses Advanced analysis and Strategic optimization from the first semester.

Be careful, some pairs of electives aren't compatible.

Please contact Mrs Strachan in charge of the M1 students ans schedules to have more information:

louise.strachan@ut-capitole.fr

Tutorial attendance (compulsory)

Any absence must be justified to the teaching assistant during the TD course right after your absence (medical certificate, other documents to justify the absence)

3 unjustified absences to tutorials means: you will obtain a tutorial grade equal to zero

Mid term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French):

Attendance to these mi-term exams is compulsory.

All absences must be justified, just after the exam period.

However, if you are absent for the mid-term exam and have justified your absence, then your final grade will be based 100 % on the final exam.

If you do not justify your absence for the mid-term exams, you will receive a grade of zero

In most cases the final grade represents: 40% of the tutorial grades and 60% of the final written exam