



# **Courses open to the exchange students from TSE Partner Universities**

**Licence 1 to Master 1  
2026-2027**

**Major in economics: +50% of your  
course choices must be at TSE**

# LICENCE 1ère année mention ECONOMIE

## Parcours Economie et Gestion

### 2026-2027

	course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials* (TD) (TP)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Economie générale	ELUED101	6	30	15	French
Introduction à la Gestion	ELUED102	6	30	15	French
Mathématiques pour l'économie et la gestion 1	ELUED103	7	45	24 + 4,5 TP	French
Introduction au Droit	ELUED104	4	30	/	French
<b>Semester 2 (Spring semester)</b>					
Microéconomie 2	ELUED207	5,5	30	15	French
Macroéconomie 2	ELUED208	5,5	30	15	French
Mathématiques pour l'économie et la gestion 2	ELUED202	7	45	30	French
Statistique Descriptive pour l'économie et la gestion	ELUED203	4	18	15	French

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: 2 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).

#### **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 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

### 2026-2027

	course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Microéconomie 1 *	ELUEA100	5	30	15	French
Macroéconomie 1 *	ELUEA101	5	30	15	French
Introduction à la Gestion *	ELUEA102	5	30	15	French
Mathématiques 1 *	ELUEA103	5	30	15 + 6 TP	French
Introduction au Droit pour économiste	ELUEA104	4	30	/	French
<b>Semester 2 (Spring semester)</b>					
Microéconomie 2*	ELUEA200	6	30	15	French
Macroéconomie 2*	ELUEA201	6	30	15	French
Mathématiques 2*	ELUEA202	6	30	15	French

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 (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: 2 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 2026-2027

	course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Microéconomie 3	ELUED312	5	30	15	French
Macroéconomie 3	ELUED313	5	30	15	French
Marketing	ELUED302	5	30	/	French
Mathématiques pour l'économie et la gestion 3	ELUED310	5	30	/	French
Probabilités pour l'économie et la gestion	ELUED311	4	30	15	French
Compléments en mathématiques 3**	ELMED301	4	30	15	French
Sociologie**	ELMED302	4	30	/	French
<b>Semester 2 (Spring semester)</b>					
Microéconomie 4	ELUED413	5	30	15	French
Macroéconomie 4	ELUED414	5	30	15	French
Mathématiques pour l'économie et la gestion 4	ELUED410	5	30	/	French
Statistiques Inférentielles pour l'économie et la gestion	ELUED412	5	30	15	French
Compléments en mathématiques 4**	ELMED401	4	30	15	French
Base de données	ELUED405	4	15	30	French

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

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 du marché 4, Macroéconomie générale 4:

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

\*\*Electives courses: you can only choose one course between these 2 (First semester).

### 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: the tutorial grade is 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 pour l'économie et la gestion 3: 2 Mid-term exams

Probabilités pour l'économie et la gestion: 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 du consommateur, Macroéconomie générale 2, Mathématiques pour l'éco et la gestion 3,

Probabilités pour l'éco et la gestion, Mathématiques pour l'éco et la gestion 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 générale 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 pour l'économie et la gestion 4:** 2 Mid-term exams

**Statistiques Inférentielles pour l'économie et la gestion:** 1 Mid-term exam

**Base de données:** 1 or 2 Mid-term exams

# Licence 2ème année mention Economie

## Parcours Economie

### 2026-2027

	course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Microéconomie 3 *	ELUEA300	5	30	15	French
Macroéconomie 3 *	ELUEA301	5	30	15	French
Mathématiques 3	ELUEA303	5	30	15 + 6 TP	French
Probabilités	ELUEA304	5	30	15	French
<b>Semester 2 (Spring semester)</b>					
Microéconomie 4 *	ELUEA400	5	30	15	French
Macroéconomie 4 *	ELUEA401	5	30	15	French
Mathématiques 4	ELUEA402	5	30	15	French
Analyse économique des enjeux de demain	ELUEA403	4	30	/	French
Statistiques Inférentielles	ELUEA404	5	30	15	French

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

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

## Licence 3ème année mention Economie 2026-2027

	course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching
<b>SEMESTER 1 (Fall semester)</b>					
Period 1 : 15th of september - 13th of november					
The Poor, the Rich and the Capitalist (Macro1)	ELUEC50A	4	21	10,5	English CM and TD
Probabilité	ELUEC51A	4	21	10,5	French CM and TD
Optimisation 1	ELUEC52A	4	21	10,5	French CM and TD
<b>SEMESTER 2 (Spring semester)</b>					
Period 3 : 1st/2nd of february - 30th of march					
Economie du Bien-être	ELUEC60A	4	21	10,5	French CM and TD
Intergenerational Conflicts	ELUEC61A	4	21	10,5	English CM and TD
Introductory Econometrics 2 - Beyond the Gaussian Case	ELUEC62A	4	15	7,5	CM in French TD in English
Equations Différentielles et Systèmes Dynamiques	ELUEC63A	4	21	10,5	French CM and TD
Period 4 : 5th of april - 11th of june					
Economics of Collapse	ELUEC65A	4	21	10,5	English CM and TD
Economie internationale	ELUEC66A	3	21	/	French CM TD French maybe English

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.

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

The Poor, the Rich and the Capitalist (Macro1) : 1 Mid-term exam

Probabilité: 1 Mid-term exam

Optimisation 1 : 1 Mid-term exam

### Third and Fourth Period: Mid term exams to obtain a tutorial grade (CC: "Contrôle Continu" in French)

Economie du Bien-être: 1 Mid-term exam

Intergenerational Conflicts: 1 Mid-term exam

Econometrics 2 : Midterm exam

Equations Différentielles et Systèmes Dynamiques : Mid-term exam

Economics of Collapse : Mid-term exam

Economie internationale : Mid-term exam

# Master 1 mention Economics International Track 2026-2027

	Course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD) (TP)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Macroeconomics	EMMEC100	5,5	30	10.5	English
Game Theory	EMMEC101	5,5	30	12	English
Theory of Incentives	EMMEC137	3	15	6	English
R Programing	EMMEC138	2,5	15	7.5 TP	English
Experimental economics*	EMMEC113	2	15	12 seats only	English
Environmental economics*	EMMEC108	2	15	12 seats only	English
Economic history*	EMMEC109	2	15	/	English
Markov Chains and applications*	EMMEC110	2	15	/	English
Probability Modeling*	EMMEC111	2	15	/	English
Evolution of economic behaviour*	EMMEC112	2	15	/	English
Understanding real worl organizations*	EMMEC114	2	15	/	English
Political Economy*	EMMEC115	2	15	12 seats only	English
Market power and regulation*	EMMEC134	2	15	7 seats only	English
Project management*	EMMEC116	2	15	/	English
<b>Semester 2 (Spring semester)</b>					
Public Economics	EMMEC103	5	30	10.5	English
Industrial organization*	EMMEC117	4,5	30	9	English
Environmental and resource economics	EMMEC118	4,5	30	/	English
Development Economics*	EMMEC140	4,5	30	/	English
Corporate finance*	EMMEC120	4,5	30	/	English
Market Finance*	EMMEC121	4,5	30	/	English
Dynamic optimization*	EMMEC122	4,5	15	12	English
Martingales Theory and applications*	EMMEC123	4,5	15	12	English
Panel Data*	EMMEC124	4,5	30	/	English
Time Series*	EMMEC125	4,5	30	9	English
Data Bases*	EMMEC126	4,5	15	12 TP	English
Empirical Industrial Organization*	EMMEC127	4,5	15	12	English
Topics in food economics*	EMMEC128	4,5	15	12	English
Advanced Macro*	EMMEC129	4,5	30	/	English
Advanced Micro*	EMMEC130	4,5	30	/	English
Behavioral and experimental economics*	EMMEC131	4,5	15	12	English

\*Elective courses

CM: "Cours Magistral" means **Lecture** TD: "Travaux Dirigés" means **Tutorials**

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

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

#### Tutorial attendance (compulsory)

##### Semester 1: R Programing overlaps with Introduction to convex optimization for machine learning (M1 Econometrics and

For this course, there is just a project during the semestre. No final exam, only the project grade. No access to the resit exam session in June

##### Semester 2: Advanced micro, Behavioral and experimental economics, Topics in food economics, Environmental and resource economics

For these courses, there are just a project during the semestre. No final exam only the project grade. No access to the resit exam session in June

**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

# Masters 1 Data Science for Social Sciences

## Master 1 Applied mathematics and statistics

### Courses open to the exchange students 2026-2027

**Master 1 Econometrics and statistics**  
**International: Data science for social science Track**

	Course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Intermediate econometrics	EMMSA103	5	30	10.5 + 10.5 TP	English
Introduction to convex optimization for machine learning	EMMSA135	5	30	15	English
<b>Semester 2 (Spring semester)</b>					
Program evaluation	EMMSA137	4	30	10.5	English
Stochastic methods for optimization and sampling	EMMSA133	5	30	/	English

**Master 1 Applied mathematics and statistics**  
**International: Mathematics and Economic decision**

	Course code	Credits ECTS	Number of hours: Lectures (CM)	Number of hours: Tutorials (TD)	Language of teaching
<b>Semester 1 (Fall semester)</b>					
Advanced analysis	EMUMA136	5	30	15	English
<b>Semester 2 (Spring semester)</b>					
Mathematical game theory	EMUMA130	4	30	/	English

**CM:** "Cours Magistral" means **Lecture**  
**TD:** "Travaux Dirigés" means **Tutorials**  
**TP:** "Travaux Pratiques" means **Practical Tutorials**

**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%)

**Be careful, some pairs of electives aren't compatible (second semester).**  
**Semester 1 : R Programming overlaps with Introduction to convex optimization for machine learning (M1 Econometrics and statistics)**

**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  
 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

Course levels : Exchange students	Online Schedules to consult
LICENCE 1ère année mention ECONOMIE Parcours Economie et Gestion	L1 ECONOMIE EG
LICENCE 1ère année mention ECONOMIE Parcours Economie	L1 ECONOMIE - ELEDA11GC - ELEDA11TD - ELEDA11PTD
Licence 2ème année mention Economie Parcours Economie et Gestion	L2 ECONOMIE EG
Licence 2ème année mention Economie Parcours Economie	L2 ECONOMIE
Licence 3ème année mention Economie	L3 ECONOMIE
Master 1 mention Economics international track	M1 ECONOMIE I:E
Master 1 Econometrics and statisticsInternational: Data science for social science Track	M1 ES I: DSSS
Master 1 Applied mathematics and statisticsInternational: Mathematics and Economic decision	M1 MAS I: MED