

# Master (2ème année) mention Mathématiques appliquées, statistiques parcours type Mathematics and Economic Decision

Mathématiques appliquées, statistique



Diplôme  
Master (LMD)



Domaine(s)  
d'étude  
Economie



Accessible en  
Formation  
initiale,  
Formation  
continue, VAE



Établissements  
Université  
Toulouse  
Capitole

## Présentation



## Objectifs

✚ The Master in Mathematics and Economic Decision (MED) is the [Toulouse School of Economics \(TSE\)](#) Master's program in the field of Applied Mathematics and Statistics.

✚ The first year is dedicated to acquiring a broad and rigorous knowledge in mathematics and statistics and presenting various topics in economics.

✚ The second year is targeted to students interested in research-based training in Applied Mathematics and Statistics. It is offered in partnership with the Master's in Research and Innovation at Toulouse University. For students

aiming at a Ph.D. in Applied Mathematics and Statistics at TSE, this is the first year of a Ph.D. program in the north American system and the first year of the doctoral program in Applied Mathematics and Statistics at TSE. The program faculty provides assistance to these students to obtain funding and be paid for the remaining years of the Ph.D. The availability of courses from the departments of Economics, in particular from the doctoral track in Economics, and Computer Science allows to engage in Ph.D.s with a strong interdisciplinary aspect. The second year of the Master is also a good fit for a student who prefers a professional integration directly after the Master and positions requiring a strong methodological research-based training, for example as a mathematical engineer with a strong background in Economics.

Alternatively, after the first year, the students may apply to other second year Master's programs at TSE. The second year of the Master in Data Science for Social Science is particularly suited for a professional integration after the Master. Students who are interested in the Ph.D. in Economics may apply to the Economic Theory and Econometrics second year master.

The program is certified by [ANITI](#), the Artificial Intelligence hub in Toulouse. Various professors hold ANITI research chairs. The hub delivers merit grants for the students and grants for the research years of the Ph.D.

# Admission

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## Conditions d'admission

For more details about requirement documents and application process, please see the [Admission](#) section.

### Contact Admissions :

Téléphone : +33 (0)5 67 73 27 87

E-mail : [admissions@tse-fr.eu](mailto:admissions@tse-fr.eu)

Site : [tse-fr.eu](http://tse-fr.eu)

## Et après...

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## Poursuite d'études

Please refer to the specific page of the program [Career Opportunities](#).

## Insertion professionnelle

**En savoir plus :** L'OFIP (Observatoire des Formations et de l'Insertion Professionnelle) étudie la situation des anciens étudiants 30 mois après la diplomation, poursuite d'études, processus d'entrée sur le marché du travail, caractéristiques des emplois (secteurs, statuts, fonctions, professions, revenus, mobilité géographique...).

Retrouvez toutes les études de l'**OFIP** sur les parcours d'études et l'insertion professionnelle des étudiants [ICI](#).

## Contact(s)

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### Autres contacts

### Contact scolarité

**Toulouse School of Economics**

1 Esplanade de l'Université  
31080 Toulouse Cedex 6 France  
Bureau : T13  
Téléphone : +33 (0)5 61 63 85 04  
E-mail : [study-m2@tse-fr.eu](mailto:study-m2@tse-fr.eu)

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## Contacts

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[eric.gautier@ut-capitole.fr](mailto:eric.gautier@ut-capitole.fr)

## Métiers de demain

**Thématiques :** Intelligence artificielle

**Projets porteurs :** EFELIA-ANITI

## Infos pratiques

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## Contacts

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## Lieu(x)

[Toulouse](#)

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## En savoir plus

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<https://www.ut-capitole.fr/accueil/formations/nos-diplomes/masters/master-2eme-annee-mention-mathematiques-appliquees-statistiques-parcours-type-mathematics-and-economic-decision>

# Programme

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## Organisation

Please refer to the detailed program of :

[🔗 M1 Mathématiques Appliqués, statistiques, parcours type International Mathematics and Economic Decision](#)

[🔗 M2 Mathématiques Appliquées, statistiques parcours type Mathematics and Economic Decision](#)