

### Program 2020/2021

## AIMS AND SCOPE

How do markets function? How do corporations make their strategic choices? What are the determinants of the demand structure and the cost structure in a market? What are their relationships with the structure of this market and with the firm's behavior? The Master 2 TSE "Economics of Markets and Organizations" (EMO) prepares students to provide answers to this type of questions.

The M2 EMO program combines a solid training in industrial organization, regulatory economics, and econometrics that give students a real expertise in the analysis of strategic aspects of a market, the identification of the determinants of the firms' economic performance in a market, and the evaluation of policies aimed at improving the market efficiency.

Students with the M2 EMO - TSE profile master the analytical tools that allow them to model the key economic relationships in an industry. These students have also acquired the ability to perform a sharp diagnosis of the nature of the strategic interaction among the dominant players in a sector and on the key performance parameters of the sector.

Courses are taught in English by TSE faculty members with well-established international reputation in the areas of theoretical and applied industrial organization. This academic training is completed with conferences given by professionals with strong experience of the functioning of real-world markets.

## STRENGTHS OF THE PROGRAM

- TSE boasts one of the world's best research groups in the field of Industrial Organization.
- Students draw support from several thematic research groups including in Food Economics, Industrial Organization, etc.
- Partnership with ENAC (French aeronautics and aviation university based in Toulouse).
- The program benefits from TSE affiliated research centers' strong ties with a network of large French and foreign firms (Airbus, EDF, ENGIE, Orange, Groupe La Poste, Microsoft, etc.) that provides students with a valuable window of job opportunities.

## CURRICULUM

Each student must choose 4 courses (30 hours each) in each semester.

Semester 1	Semester 2
<p><b>Compulsory:</b></p> <ul style="list-style-type: none"> <li>- Business Economics</li> <li>- Advanced Industrial Organization</li> <li>- Empirical analysis of firm behavior</li> </ul> <p><b>One course among 4:</b></p> <ul style="list-style-type: none"> <li>- Economics of Innovation and Intellectual Property</li> <li>- Workshop on Competition Policy and regulation</li> <li>- Time series and economic forecasting</li> <li>- Quantitative analysis for competition and regulation policy</li> </ul>	<p><b>Four courses among:</b></p> <ul style="list-style-type: none"> <li>- Industrial Organization*</li> <li>- Incentives and Regulation</li> <li>- Digital Economics</li> <li>- Topics in Applied Industrial Organization</li> <li>- Industrial Organization of The Food Industry</li> <li>- Air Transport Economics</li> <li>- Economic Analysis of Infrastructure and Network Industries</li> <li>- Energy Economics and Climate Policy****</li> </ul>
<p><b>Non mandatory:</b></p> <ul style="list-style-type: none"> <li>- Professional Development **</li> <li>- Algebra Refresher ***</li> <li>- Probability Refresher ***</li> <li>- Dynamic Refresher ***</li> <li>- Datanomics : regulation of data spreading and data protection</li> </ul>	<ul style="list-style-type: none"> <li>- Internship or dissertation (a minimum of 16 weeks)</li> </ul>

\* Course shared with M2 Economic Theory and Econometrics. Upon acceptance by the two Master Directors (ETE and EMO)

\*\* Students who will have followed the course "Professional Development" in M1 in 2018-2019 will be exempted

\*\*\* Upgrade course in Mathematics open to students in M1 and M2 of TSE

\*\*\*\* Course shared with M2 Environmental and Natural Resources Economics (maximum 5 EMO students on the 1<sup>st</sup> come/1<sup>st</sup> served basis)

To obtain the EMO Master's degree, students need to complete **eight 30-hour courses and the professional development course**

And to either:

- do an **internship** within a firm (public or private), a financial institution (bank, insurance), a government institution (competition or regulatory authority), or a research laboratory, write a report and make a defense
- or write a **Master Thesis** under the supervision of a TSE faculty and make a defense.

### ADMISSION

Admission is based on academic excellence. An undergraduate degree of at least 4 years of college or a Master's degree is required with a curriculum considered as consistent with the program and approved by the TSE selection committee. Working knowledge of English is also required.

### APPLICATION DEADLINES

Applications are considered from November to February for international students and in May for French University graduates.

### CONTACTS

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