

# MEK

## Master in Applied Economics

(Edition 2020)

## Bibliografía de los cursos

## First Trimester

Code	Name	CL	L	U	CA	UDC
EO4021	Quantitative Methods for Inference	3	0	12	3	3.5
OP5085	Elective I	3	0	12	3	0
TC4025	Data Science	3	0	12	3	3.5
		9	0	36	9	7

## Second Trimester

Code	Name	CL	L	U	CA	UDC
EO4024	Prices and Agent Behavior	3	0	12	3	3.5
EO4025	Econometrics	3	0	12	3	3.5
TC5030	Guaranteed Data Science	3	0	12	3	3.5
		9	0	36	9	10.5

## Third Trimester

Code	Name	CL	L	U	CA	UDC
AP4041	Ethical Dilemmas of Public Leadership	3	0	12	3	3.5
EO4022	Macroeconomy	3	0	12	3	3.5
RE4020	Economy for Development	3	0	12	3	3.5
		9	0	36	9	10.5

## Fourth Trimester

Code	Name	CL	L	U	CA	UDC
EO4023	Public Finance and Budgeting	3	0	12	3	3.5
EO4026	Microeconometrics	3	0	12	3	3.5
OP5086	Elective II	3	0	12	3	0
		9	0	36	9	7

## Fifth Trimester

Code	Name	CL	L	U	CA	UDC
AP4040	Applied Public Election	3	0	12	3	3.5
EO5021	Integrative Project	3	0	12	3	3.5
		6	0	24	6	7

## Academic credits

- CL** The letter "CL" indicates the number of class-hours per week.
- L** The letter "L" indicates the number of laboratory-hours per week.
- U** The letter "U" represents the equivalent time in courses lasting 15 weeks (semester) and 12 weeks (trimester), of weekly work that the student dedicates to the course to meet its objectives. They include the "class hours", as well as the time dedicated to the student's independent work.

**CA** The letters "CA" represents the number of semester credit hour of the course.

**UDC** Load Units

## **Program Outcomes**

### **Justification**

The Master's degree in Applied Economics focuses on the study of economic decisions in three aspects: first, the rigorous study of economic theory that allows questions and problems to be posed in a solid manner; second, incorporate into the analysis, the use of modern and sophisticated tools, including econometrics and data science; and, third, to broaden the perspective of the discipline by studying public policy and leadership that contribute to the design of viable public policies.

### **Target audience**

The program is aimed at those who:

- Are immersed in strategic planning processes.
- Are dedicated to the design of politics and public finances.
- Analyze consumer and stock markets.
- Analyze economic and social problems.
- Offer consulting in public, private and social sectors.
- Perform statistical work and data analysis in large companies and financial institutions.
- Carry out project evaluation.
- Make decisions in companies, non-governmental organizations and governments.

### **Program objectives**

The objective of this program is to train professionals who:

- Will be leaders within public, private and social organizations, capable of solving problems.
- Design and trace the critical path to implement economic and social public policies that have high probabilities of positive impacts.
- Be a reference in Latin America in the study and implementation of the economic analysis applied to the improvement of society and public activity.

### **Learning Outcomes**

Once completed the Master's degree, graduates will be able to:

- Systematically analyze complex economic problems considering not only the economic environment but the local, national and international sociopolitical context.
- Propose public policy solutions based on a solid and rigorous analysis, which increases the chances of positive impact on society.
- Rigorously evaluate any public policy, determining its impact and economic, financial and social viability.
- Use rigorous methodologies to analyze the decisions of agents in an economy, to propose innovative solutions.

### **Admission Profile**

The Tecnológico de Monterrey seeks to integrate a new generation of students in all of its graduate programs who have completed their undergraduate studies, distinguished by being: talented, enthusiastic people, committed to the development of their environment and to the well-being of society; people who have the potential to successfully complete their graduate program and become leaders with entrepreneurial spirit, human sense and internationally competitive.

Therefore, for admission, the applicant participates in a comprehensive selection process that considers:

- The result of the test for admission to Graduate Studies (PEAP).
- The overall grade point average for professional level studies.

Each School may have additional requirements.

Campus that offer this program

<b>Campus</b>	<b>Number of periods offered</b>	<b>From</b>	<b>Closed for new students</b>
<b>Monterrey - EGTP</b>	Complete	Trimester Sept - Dec 2020	
<b>Santa Fe - EGTP</b>	Complete	Trimester Sept - Dec 2020	

**Last update:** 22/February/2024