

GRADUATE – Disciplines Menu  
Doctorate and Masters in Economics

DISCIPLINE: Applied Econometrics	CODE: MDPEEC004
ACRONYM: ENP	
PROFESSOR: Renato Galvão Flôres Junior	WORKLOAD: 40h  CREDIT HOUR: 4
MANDATORY: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	COURSE: <input type="checkbox"/> M <input type="checkbox"/> D <input checked="" type="checkbox"/> MD
PREREQUISITES: Course in Econometrics I, Microeconomic Theory I and Microeconomic Theory II. In addition, completing the optative course of Foreign Trade, or doing it simultaneously, will be of great value.	
CONCENTRATION AREA: STATISTICS AND ECONOMETRY	
STUDY PLAN	
<p><b>Course in Applied Econometrics</b></p> <p>The course of Applied Econometrics, as in recent years, will focus on the study of techniques for the analysis of trade flows. The important issue of sea trade routes will also be included this year, which will require the study of econometric techniques associated with networks. The course aims to, on one hand, increase students' proficiency in the use of simple econometric techniques and, on the other hand, expand their skills on commercial issue analysis, training them to participate in advanced empirical projects and studies in this area. It is essential to have completed the course in Econometrics I and the first two courses in Microeconomics; in addition, completing, or doing it simultaneously, the optative course of Foreign Trade will be of great value.</p> <p><b>Summarized program</b></p> <p>Basic techniques of trade flow analysis: special descriptive statistics, entropy, various indicators, the family of indicators of revealed comparative advantages and associated criticisms. Measurement and summary of tariff barriers; quantification of non-tariff barriers; effective protection and tariff rise; econometric assessment of the endogenous protection. The gravitational models - deficiencies and applications. Impact assessments: a study of various methods in partial equilibrium; the notion of applied general equilibrium, maquettes. Econometrics of networks and applications in foreign trade. The evaluation of the sea routes.</p> <p><b>Evaluation</b></p> <p>The course is primarily practical; classes will serve as a basic guide to the techniques and methods; various exercises are assigned during the course. The evaluation will comprise a practical assignment, carried out individually at first, to which a global concept on the exercises delivered will be added. If needed, a test will be applied in class, at the end of the course.</p>	
GOALS	

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To train the student to carry out strategic and well-founded analyses on foreign trade issues, whether for the purposes of “policymaking” or perceptive description of patterns and trends.

**BIBLIOGRAPHY**

In addition to the WTO’s Manual on many of the techniques to be studied, the references will include, above all else, articles in specialized magazines that will be suggested throughout the course. Students must develop a certain ability to handle large data files, which will be used in part of the exercises.