

RESEARCH METHODS

1. MODULE SUMMARY

The purpose of this course is to provide students with the methodology needed to conduct research and data analysis in economics and related areas. Additionally, relevant developments in theoretical and methodological approaches will be presented to enable students not only to acquire these methodological tools but also to stimulate the way they think about methodological issues.

The course consists of three parts:

The first part focuses on a general introduction to research methodology. It presents the necessary theoretical framework and helps students to understand the problems they may encounter. Stress will be put on a critical approach to research methodology to help them to understand that the perfect tool which perfectly reflects reality does not exist. In this part of the course some collecting data methods (commonly used in economics) will be presented.

The second part will be devoted to surveys as the most commonly used in economics gathering primary data research tool. The course will provide basic practical knowledge how to construct the questionnaire.

Third part of the course will be focused on providing practical knowledge about econometrics. It should indicate students how they should search for economic time series, how they should find data, extend their knowledge concerning linear regression model and its interpretation, present binary choice model and interpret its parameters, improve software capabilities. The students are supposed to be taught how to solve some economic problems with the usage of econometric methods.

Module Size and Credits

ECTS points 5

Total student study hours 125

Number of weeks 12

School responsible

Lazarski University, Faculty of Economics and

Management

Academic Year 2022/2023

Entry Requirements (pre-requisites and co-requisites)

N/A

Excluded Combinations

None

Composition of module mark (including weighting of components)

Econometric problem analysis, 60%

Research project, 40%

Pass requirements

To pass the course a student must score at least 40% of the overall weighted average and not less than 35% for each assessment component (i.e. coursework and final exam).
Re-assessment: coursework component and/or examination as appropriate.

Special Features

None

Course stages for which this module is mandatory

MSc in International Business Economics

Course stages for which this module is a core option

None

2. TEACHING, LEARNING AND ASSESSMENT

Intended Module Learning Outcomes

On completion of this module, students should be able to:

1. Evaluate methodology approaches to project conceptualization, conducting research, and data analysis in economics and related areas.
2. Construct and assess questionnaires.
3. Conduct (including data analysis) a simple survey project and analyze it in a critical way problems and biases which usually are related to this research tool.

4. Apply the concept of spurious regression in econometrics.
5. Verify validity of error term assumptions in linear regression model.
6. Utilize various econometric models.
7. Judge which method should be applied to the specific problem.

Indicative Content

I. Introduction, collecting data methods

1. Aim of the course, general introduction, key concepts in social science methodology.
2. Research Design; Conceptualization, Operationalization and Measurement
3. Methods of collecting and analyzing primary data

II. Practical econometrics

4. Searching for economic time series. Libraries with economic data
5. Working with economic data

III. Linear regression model

7. Problems in linear regression model. Nontypical observations in econometrics
8. Binary choice analysis
9. Working with econometric software (I)
10. Working with econometric software (II)

IV. Working with econometric software

12. Interpretation of research results
13. Group project presentations

Teaching and Learning

This module will be taught by means of seminar and self-directed study. Formative Assessment: Comments will be given on assessments, and tutorial guidance will be provided for coursework. Student activity and time spent on each activity comprises:

Guided	0 hours	(0%)
Lecture	0 hours	(0%)
Self guided	80 hours	(64%)
Seminar	45 hours	(32%)
Workshop	0 hours	(0%)
Total	125 hours	

Method of Assessment (normally assessed as follows)

The intended learning outcomes will be assessed as follows:

Econometric problem analysis, 60%, will assess learning outcomes 4,5,6,7

Research project report (3000-4000 words, excluding graphs and tables), 40%, will assess learning outcomes 1, 2, 3

Re-sit

Students failing any component of assessment, at the first attempt, are entitled to one re-sit attempt. This will be by new examination and/or new coursework scheduled for the next assessment opportunity. For coursework, if more than one element existed in the first attempt, this may be combined into one assessment for re-sit.

Date of last amendment

15.02.2017

3. MODULE RESOURCES

Essential Reading

1. Saunders, Mark, Thornhill Adrian, Lewis Philip, 2007, Research Methods for Business Students, Prentice Hall
2. Klein Lawrence R., Welfe Aleksander, Welfe Władysław, 1999, Principles of Macroeconometric Modeling, North-Holland

Recommended Reading

Oppenheim A.N., 1992, Questionnaire design, interviewing and attitude measurement, Continuum. **Required Equipment**

None.

4. MODULE ORGANISATION

Module leader

Name Dr. Jarosław Jura

E-mail juraja@o2.pl

Length and month of examination

None

Expected teaching timetable slots

No timetable information available

Subject Quality and Approval information

Board of Study Faculty Collaborative Provision Committee

Subject Assessment Board Faculty Council, Faculty of Economics and Management

Date of approval by FCPC 13 Feb 2017