

Academic Year: ( 2023 / 2024 )

Review date: 27-04-2023

Department assigned to the subject: Economics Department

Coordinating teacher: NAME CORREA, ALVARO JOSE

Type: Electives ECTS Credits : 6.0

Year : Semester :

**REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)**

Conocimientos de Microeconomía intermedia

**OBJECTIVES**

Students must learn how to apply their knowledge in subjects such as Public Economics and Microeconomics in the analysis of problems relating to the role of the public sector in the economy. In particular, students will acquire the following knowledge skills:

- ¿ Understanding of the reasons for government intervention in the provision of a basic set of private and public goods and the value judgments that justify different types of interventions that are seen in different countries
- ¿ The student will be exposed to the different systems of economic evaluation of public projects, with special emphasis on the information necessary to make possible that activity.
- ¿ Understand the role of the state as provider of insurance and the redistributive effect of its policies.
- ¿ Carefully distinguish the impact of government spending on the behavior and welfare of economic agents.

**DESCRIPTION OF CONTENTS: PROGRAMME**

1. Externalities
  - 1.1 Theory of Externalities
  - 1.2 Private Sector solutions to negative externalities.
  - 1.3 Public Sector remedies for externalities
  - 1.4 Distinctions Between Price and Quantity Approaches to Addressing Externalities
  - 1.5 Externalities in Action: Environmental and Health Externalities
2. Public goods.
  - 2.1 Specific examples of inefficient private provision.
  - 2.2 The problem of Crowd-out.
  - 2.3 How to measure the preferences for public goods.
3. Cost-benefit analysis.
  - 3.1 Measuring the costs and benefits of public projects.
  - 3.2 Applications: Valuing life; Valuing Time.
4. Government intervention in Education.
  - 4.1 Private sector failures in the provision of education.
  - 4.2 Redistribution, equality of opportunity and education.
  - 4.3 Different types of public intervention.
  - 4.4 Higher education.
  - 4.5 Ways to evaluate educational institutions.
5. Problems of asymmetric information and adverse selection and social insurance policies.
  - 5.1 Reasons for the social security system.
- 5.2 Unemployment insurance.
6. Public Health Systems.
7. Political economy
  - 7.1 Representative democracy.
  - 7.2 Public choice theory.
  - 7.3 Rent seeking and corruption.

#### LEARNING ACTIVITIES AND METHODOLOGY

The student will apply the basic ideas of Public Economics to study specific cases of public sector intervention. As an important part of the teaching methodology is based on case studies, students should consult papers and articles in professional journals.

#### ASSESSMENT SYSTEM

Grades will be based on a final exam (60%); homework (10%), class participation (10%), and a midterm exam (20%).

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|---|----|
| <b>% end-of-term-examination:</b>   | 60 |
| <b>% of continuous assessment (assignments, laboratory, practicals...):</b> | 40 |

#### BASIC BIBLIOGRAPHY

- Gruber, Jonathan Public Finance and Public Policy, Worth Publishers, 2019
- Stiglitz, Joseph Economics of the Public Sector, Norton and Company , 2015

#### ADDITIONAL BIBLIOGRAPHY

- John Leach A course in Public Economics, Cambridge University.
- Peter Zweifel Health Economics, Springer, 2014
- Roberto Serrano Welfare Economics and Social Choice Theory , springer, 2005

#### BASIC ELECTRONIC RESOURCES

- Emmanuel Saez . Undergraduate Public Economics : <https://eml.berkeley.edu/~saez/course131/course131.html>