

# Introduction to public economics

## Titulaires

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## Mnémonique du cours

ECON-S301

## Crédits ECTS

5 crédits

## Langue(s) d'enseignement

Anglais

## Période du cours

Premier quadrimestre

## Contribution au profil d'enseignement

The course develops the following skills (Economics):

- Use data mining and management techniques as well as financial modeling to develop decision, evaluation or management tools
- Comprehensively assess potential solutions using economic, financial and other criteria as relevant to the situation at hand.
- Solve complex problems arising in economic, financial and public policy contexts to transfer knowledge in realistic solutions to operationalize solutions.
- Provide economic and financial recommendations and analyses at each stage of the process to keep stakeholders fully informed.

## Contenu du cours

The lectures cover the analysis of externalities, of public and club goods, the assessment of the economic and political drivers of fiscal sustainability, social policy, tax theory and applications, the optimal allocation of responsibilities between the public and the private sector and fiscal federalism. It also includes a brief introduction to cost benefit analysis and modern techniques of impact evaluation of public projects.

## Objectifs (et/ou acquis d'apprentissages spécifiques)

At the end of the course, the students will be able to :

- Analyze the impact of public policy on the allocation of resources and the distribution of income in economy- Investigate and predict the effects of public expenditures, regulation and government revenue-raising activities on the efficiency and equity of an economy, by using the appropriate tools of microeconomics and empirical analysis- Conduct and interpret economic analyse

## Pré-requis et co-requis

### Cours pré-requis

ECON-S1001 | Introduction à la microéconomie et à la macroéconomie | 15 crédits

## Méthodes d'enseignement et activités d'apprentissages

Combination of theory lectures (24 hours) and exercise/discussion sessions (21 hours)

## Références, bibliographie et lectures recommandées

The main textbook is Gruber, Jonathan (2010 or 2015), Public Finance and Public Policy, both the US (New York: Worth Publishers) and UK (Palgrave) editions are valid. + required readings as specified at the beginning of the course available on the course web site

## Autres renseignements

### Contact(s)

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## Méthode(s) d'évaluation

Autre

### Méthode(s) d'évaluation (complément)

- mid-term exam (november) : 20% theory + 80% exercises
- end-term exam (december) : 100% exercises (including articles discussed in class)
- exam (january)

### Construction de la note (en ce compris, la pondération des notes partielles)

- mid-term exam (november) : 10% final grade
- end-term exam (december) : 40% final grade
- exam (january) : 50% final grade

### Langue(s) d'évaluation principale(s)

Anglais et Français

## Programmes

Programmes proposant ce cours à la Solvay  
Brussels School of Economics and Management

BA-ECON | Bachelor en sciences économiques, orientation  
générale | option Français/bloc 3 et option Anglais/bloc 3

