

Valuating the Environment

Course title - Intitulé du cours	Valuating the Environment
Level / Semester - Niveau /semestre	M2 / S1
School - Composante	Ecole d'Economie de Toulouse
Teacher - Enseignant responsable	Henrik Andersson
Other teacher(s) - Autre(s) enseignant(s)	
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Other teacher(s) - Autre(s) enseignant(s)	
Lecture Hours - Volume Horaire CM	30
TA Hours - Volume horaire TD	0
TP Hours - Volume horaire TP	0
Course Language - Langue du cours	Anglais
TA and/or TP Language - Langue des TD et/ou TP	

Teaching staff contacts - Coordonnées de l'équipe pédagogique :

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Office: MS210

Office hours: Mondays: 8:30-10:00, by prior appointment by email only.

Course's Objectives - Objectifs du cours :

The objectives of the course are to introduce the theoretical foundations of environmental valuation, present and describe the empirical methods used, and to discuss the implementation of estimated values in policy making. The main focus of the course will be the application of different valuation methods, such as hedonic pricing, contingent valuation, choice experiments, recreation values, etc. (i.e. "Non-market valuation" below). The aim is to provide the students who intend to pursue environmental, transportation, and/or health-related research, or policy decision making with an understanding and knowledge on preference elicitation for non-marketed goods, and to discuss the different methods and techniques strengths and weaknesses. Teaching will consist of both lectures and training sessions on applying the methods/techniques taught. COURSE OUTLINE 1. Introduction to environmental valuation 2. Non-market valuation a. Revealed preference methods b. Stated preference methods 3. Further topics a. Health valuation b. Experiments c. ... in the among of time)

Prerequisites - Pré requis :

Good knowledge of intermediate microeconomics and econometrics.

Grading system - Modalités d'évaluation :

Grading will be based on the following components: 1. Paper/Report: One paper critically discussing one or more articles from the reading list or other articles approved by the instructor. The paper is to

be presented and discussed by another student at a seminar. The grade will be based on: a. Quality and originality of the project. b. The role of discussant in the seminar. c. Active participation in the seminar. 2. Active participation in class: Grade based on attendance and active participation in class, including fulfillment of task(s). 3. Take-home exam(s) in which students will analyze data sets and answer specific questions. Grading: "1" = 80%, "2" = 20%, "3" = max 4 points penalty if solutions are not satisfactory In addition, a lab session will be organized with mandatory attendance.

Bibliography/references - Bibliographie/références :

The proposed textbooks of the course is: Phaneuf, D.J. and T. Requate, "A Course in Environmental Economics – Theory, Policy, and Practice", Cambridge University Press, 2017. The required reading is also based on peer-reviewed and published articles. Lecture notes, required readings, except the textbook, and any exercises will be made available through the Moodle course page.