Policies & Business Strategies for a Green Economy

Course title – Intitulé du cours
Policies & Business Strategies for a Green Economy

Level / Semester – Niveau /semestre
M2 / S1

School – Composante
Ecole d’Economie de Toulouse

Teacher – Enseignant responsable
BONTEMPS Philippe

Course Language – Langue du cours
Anglais

Lecture Hours – Volume Horaire CM
30

TA Hours – Volume horaire TD

TP Hours – Volume horaire TP

Course Language – Langue des TD et/ou TP
Anglais

Teaching staff contacts – Coordinées de l’équipe pédagogique :
philippe.bontems@tse-fr.eu
MS112 sur rendez-vous

Course’s Objectives – Objectifs du cours:
This course provides economic methods and tools to address environmental issues in economics at the graduate level. It analyzes policy instruments to mitigate pollution from economic activities, to preserve biodiversity and natural resources in different contexts. It also deals with green business strategies. The course combines economic analysis with investigations on various issues such as water and air pollution, waste management and climate change. The economic background will be presented in class. It is motivated and illustrated by real-world applications. The final goal is to posit policy recommendations for addressing environmental problems. The lectures will be complemented by problems to be solved by students. A problem set will be provided each lecture. It is strongly recommended to work on the problem set before the next lecture.

Prerequisites – Pré requis:
Good knowledge of intermediate microeconomics and basic mathematics for economists.

Practical information about the sessions – Modalités pratiques de gestion du cours:
Ordinateurs acceptés, participation requise.

Grading system – Modalités d’évaluation:
Mid-term exam (30%), final exam (60%) and participation in class (10%). The exams include knowledge and understanding questions and problems.
Bibliography/references – Bibliographie/références:


- Antweiler W, *Elements of Environmental Management*, University of Toronto Press 2014


Session planning – Planification des séances:

COURSE OUTLINE:

The course will cover the following topics:

Fundamentals of Environmental Regulation

Choice of instruments: emission standards, tax or permits

Diffuse and stock pollution (space and time)

Pollution regulation and market power

General equilibrium and environmental taxes

Innovation and productivity

Environmental risk

Common-pool resources International environmental problems