

Environmental Economics

Course title – Intitulé du cours	Environmental Economics
Level / Semester – Niveau /semestre	M1 / S1
School – Composante	Ecole d'Economie de Toulouse
Teacher – Enseignant responsable	François Salanié
Lecture Hours – Volume Horaire CM	15
Course Language – Langue du cours	English

Teaching staff contacts – Coordonnées de l'équipe pédagogique :

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Course Objectives – Objectifs du cours :

This course analyzes environmental problems as examples of what is bound to happen when some markets are missing. It is mainly theoretical, but nevertheless it offers strong guidelines for the design of public policies. From these principles, one can derive insights on how to manage externalities or public goods, and when taxation, markets for rights, or other instruments, should be used. Applications: fisheries and biological systems, water management, global warming.

Prerequisites – Pré requis :

Good understanding of intermediate microeconomics.

Practical information about the sessions – Modalités pratiques de gestion du cours :

Be enthusiastic, ask questions, arrive in time. Students are expected to attend all lectures. Use of laptops, tables, cell phones, etc., is welcome if used for course purposes only.

Grading system – Modalités d'évaluation :

There will be a written final exam, with simple exercises and questions.

Bibliography/references – Bibliographie/références :

While the class teaches general principles, each environmental problem is different. A good economist should read a lot! Students can choose any textbook on the topic. I recommend:

Nick Hanley, N., Shogren, J., and White, B., Introduction to Environmental Economics, Oxford University Press, 2nd edition, 2013.

Kolstad, C.D., "Intermediate Environmental Economics", Oxford University Press, International edition, 2nd edition, 2011.

Phaneuf, D.J. and T. Requate, "A Course in Environmental Economics – Theory, Policy, and Practice", Cambridge University Press, 2017.

Mandatory readings will be made available through the Moodle course page together with lecture notes and exercises.

Session planning – Planification des séances

Five sessions of three hours:

1. Population, Scarcity, Growth
2. Open Access and Rent Dissipation
3. Externalities, Public Goods, and Efficient Regulations
4. Policies in Practice
5. Applications and Extensions

Distance learning – Enseignement à distance :

Additional materials will be provided on the Moodle course website.