

ACADEMIC YEAR: 2016-2017

COURSE: Economic, Spatial and Environmental Planning

TYPE OF EDUCATIONAL ACTIVITY: Characteristic

TEACHER: MARIO COZZI

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Language: Italian

ECTS: : 6 (5 frontal lectures; 1 practice)	n. of hours: 40 hours lectures 16 hours practice	Campus: Potenza School: SAFE Program: LM Forest and Environmental Sciences	Semester: I
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EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The course provides advanced analysis tools on issues relating to land use planning. The aim is to provide students specific knowledge and analytical skills in decision-making regarding the natural and anthropogenic land

PREREQUIREMENTS

- basical knowledge on GIS

SYLLABUS

Lessons

Sustainable development, economy and environment conditions measurement; monetary and no-monetary evaluation; environmental indicators; building quality index of environmental resources; processing steps and mathematical structure of an environmental quality index.

EU legislation; national and regional planning on economic, territorial and environmental issues; the regulatory changes on the landscape, on protected areas; spatial planning and the environment.

The digital database management in environmental planning; the geographic multicriteria analysis as an analysis tool for planning. The area importance classification and identification of best measures for improvement / restoration / conservation.

Practices

Real-world case studies using GIS and spatial analysis

TEACHING METHODS

40 hours of lessons 16 hours of laboratory.

EVALUATION METHODS

Oral examination at the end of the course. Three questions, one of which related to topics addressed during practices.

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

- Teaching material distributed in classroom and available on-line
- Bernetti I., Romano S., (2007). Economia delle risorse forestali. Liguori editore, Napoli;
- Polelli M. Trattato di Estimo. Maggioli editore
- Turner R.K., Pearce D.W. (2003) Economia dell'ambiente, il Mulino

INTERACTIONS WITH STUDENTS

- in the office at planned days/hours (usually on Monday)
- e-mail

EXAMINATION SESSIONS (Forecast)

Usually the third Thursday of every month (except August)

EVALUATION BOARD

- Mario Cozzi
- Gennaro Ventura



**SCUOLA DI SCIENZE
AGRARIE, FORESTALI,
ALIMENTARI
ED AMBIENTALI**

-
- Severino Romano

SEMINARS BY EXTERNAL EXPERTS YES
