Module - Economic Evaluation of Agricultural and Environmental Assets (5 ECTS)

Prof. Gabriele Canali

COURSE AIMS AND INTENDED LEARNING OUTCOMES

The course aims to teach students about the main problems of rural and environmental appraisals, with particular reference to the areas of greatest interest for the self-employed professional and for research. With reference to some topics, in particular, the course also aims to provide the basic legal knowledge needed for solving the related appraisal problems; this is particularly the case in easements, expropriations for public use, successions and donations.

At the end of the course, students will have acquired the fundamental notions, both legal and economic/evaluative, relating to the specific rural evaluation problems analysed, and will be able to choose the most appropriate methodologies for their solution.

COURSE CONTENT

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|  | ECTS |
| Fruit arboretum estimates and elements of forestry valuation | 1.0 |
| Estimates inherent to easements Cautionary estimatesDamage estimationSuccessions and donationsCadastre elements | 1.0 |
| Expropriation in the public interest | 0.5 |
| Economic characteristics of environmental assetsEvaluation of environmental assets Estimation of ecosystem services | 2.0 |
| Elements of cost/benefit analysis with applications related to agro-environmental investments and implementation of agricultural policies | 0.5 |

READING LIST

For the rural appraisal part, the recommended reference texts are the following:

* Gallerani Vittorio, Viaggi Davide, Zanni Giacomo, **“Manuale di estimo”**, Milan, McGraw 2011, pp. 379.
* Michieli, Igino and Michieli Maurizioo, **“Trattato di estimo: valutazioni finanziarie, legali, urbane, rurali, industriali, catastali e ambientali”**, Bologna, Edagricole 2011, pp. 702.

Further information on specific topics, in particular with reference to the environmental appraisal, will be provided during the course or at the end of lectures.

TEACHING METHOD

The course is based on traditional lectures. The teaching material used in class (slides or exercises) will be made available to students on Blackboard after the lectures.

ASSESSMENT METHOD AND CRITERIA

A final written exam. The written exam will be based on open-ended questions. The number of questions will be between 5 and 10 depending on the different type (multiple-choice or open-ended answer). The time available will be between 1 and 2 hours. The contribution of each question to the final assessment is indicated at the time of the test. The assessment takes into account the completeness and correctness of the answers given, as well as the clarity of presentation.

It is possible, at the student's choice, to carry out personal in-depth work on a topic agreed with the lecturer, with reference to environmental economics. Usually it involves developing a critical analysis of a real case. This personal work carries a maximum of 3 additional marks for the final mark obtained in the written exam.

NOTES AND PREREQUISITES

Course attendance requires previous knowledge of the contents of the Elements of Valuations course, included in the Bachelor of Science in Agricultural Sciences and Technologies degree, with particular reference to the structure of an agricultural company's budget, valuation methods, and financial mathematics. A basic knowledge of the contents of microeconomics and the basics of macroeconomics is strongly recommended.

Information on office hours available on the teacher's personal page at http://docenti.unicatt.it/.

***Module - Business planning e management (4 ECTS)***

COURSE AIMS AND INTENDED LEARNING OUTCOMES

The course aims to make students acquire the basic knowledge relating to the management and strategic planning of agricultural enterprises in order to ensure their economic sustainability over time. The key elements of economic and business management are treated qualitatively and quantitatively in order to support the aforementioned objective. At the end of the course, the student will have acquired the fundamental notions and methodological tools necessary for evaluating the profitability and economic sustainability of farms as well as, investment choices, also taking into account the multiple criticalities and opportunities deriving from an ever-changing market.

COURSE CONTENT

Agricultural enterprises in the national and european context 0.5 CFU

Definitions and classification of agricultural enterprises

The reference sector

Strategic business management 0.5 CFU

The balance sheet of agricultural enterprises 1 CFU

The key components of the balance sheet

Analysis of business performance using financial statement indices

The company investment process 1 CFU

Strategies for business growth 1 CFU

Project management for agribusinesses

Marketing and branding

Strategic collaboration among firms

Innovation and internationalization

***READING LIST***

Fiorillo V., e Lo Zoppo M., 2022. AGRIBUSINESS- Management dell’azienda agricola. EGEA.

**Further bibliographic material will be indicated during classes.**

TEACHING METHOD

The module provides 4 CFU of classroom lectures which aim at illustrating methods and applications relating to business planning. The teaching material used in class (slides or exercises) will be made available to students after classes on Blackboard.

ASSESSMENT METHOD AND CRITERIA

Students will be assessed through the outcome of a written test to be held at the end of the course. The written test will consist of theoretical questions and application questions regarding the course contents. The marks attributed to the individual questions may vary depending on the test.

NOTES AND PREREQUISITES

The student must possess basic knowledge of Agricultural Economics and Policy, whose references will in any case be pointed out by the teacher.

***SCHEDULE AND PLACE OF STUDENTS RECEPTION***
The teacher receives students after class at the Department of Agri-Food Economics or by appointment to be scheduled by email.