**Objectives**

Advanced Economic Analysis is a second-year course of the PhD program in Economics. State-of-the-art tools for both micro and macroeconomics, as well as for policy modelling are taught. The course aims to prepare students to formulate and analyse dynamic models in which the decision problems of the agents are explicitly stated. The course is organized in a series of topics and seminars. Since it is intended that students be exposed to lectures and research experience of high international levels, each topic is taught by visiting professors of recognized expertise.

**Course Outline**

1. **Dynamic Programming**
   
   **Sofia Castro and João Correia da Silva (U. Porto)**
   
   Lectures: Oct 31 to Dec 12, 2011.

2. **DSGE Modelling: a Dynare-based course**
   
   **Cristiano Cantore and Bo Yang (U. Surrey, U.K.)**
   
   Lectures: Jan 30 to Feb 2, 2012.
   

3. **Supermodularity and Complementarity in Economics**
Rabah Amir (U. Arizona, U.S.A.)


4. Intermediation in Industrial Organization

Paul Belleflamme (CORE-UCL, Belgium)

Lectures: Apr 9 to Apr 13, 2012.

CEF.UP Seminar: Apr 9 to Apr 13, 2012.

5. Economic Growth

Oded Galor (Brown U., U.S.A.)

Lectures: April/May, 2012.

CEF.UP Seminar.

Evaluation

Presence in the classes and seminars of all the modules is mandatory.

The final grade in the course is calculated as the average score obtained in the five modules.

Observations: For further information, see the webpage of the course at:

http://sigarra.up.pt/fep/Disciplinas_geral FormView?P_ANO LECTIVO=2011/2012&P_CAD CODIGO=3E201&P PERIODO=1S,

or contact the organizers:

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