RESEARCH AND TECHNOLOGICAL POLICY IN THE EU

1.1. Identification

University:	Alma Mater Studiorum – Università di Bologna
School:	School of Engineering
Course:	Research and technological policy in the EU
ECTS:	6

Semester:	*Winter*	X	*Summer*		
Category	*Fundamental course*		*Specialisation course*		X

Module	*MFI*		*MFII*		*MFIII*		*MSI*		*MSII*		*MSIII*	

Teachers:	Attilio Stajano

Language:	*English*	X	*Italian*	X	*Swedish*		*Spanish*	

1.2. Learning-outcomes

- describe the institutional structure of the European Union, the foundations of its policies, and the changes introduced by the ongoing enlargement and by the Constitutional Treaty
- describe the sectors of excellence and of competitiveness of the European industry
- describe the community policies for sustainable development and in more detail, the community research and innovation policy

1.3. Competencies

▪ **General**
- To have critical understanding of belonging to a wider community than that of the students' own country,
- To highlight some aspects of the evolution of our society transformed by technology, globalization and interconnections

▪ **Specific**
- To understand how the European Union policies are of benefit to citizens.
- To understand the challenges of enlargement and institutional reform
- To understand the challenges of competition from emerging economies

1.4. Contents
1. Introduction to the origins and institutions of the EU and to its policies for sustainable development;

2. Overview of the EU member States from the point of view of the competitiveness of their economy;
3. EU research and innovation policy within the context of information society.

1.5. Teaching Methodology

- Lecture sessions.
- Learning community in an asynchronous interaction on an electronic learning platform that empowers the students and makes them contribuye to the development of contents and abilities.
- Development presentation and discusión of a research paper

1.6. Evaluation

- Assessment of the on line contributions on the electronic learning platform, assessment of the development and presentation of the research paper, written tests, and optional oral exam.

1.7. Bibliography

Attilio Stajano Research Quality Competitiveness Springer, 2006