

General Information	
Academic subject	Economics of Innovation (SSD SECS P / 01)
Degree course	Master's Degree Program in Business Strategy and Management
Curriculum	
ECTS credits	6 CFU
Compulsory attendance	No
Language	Italiano

Subject teacher	Name Surname	Mail address	SSD
	Alessandro Rubino	alessandro.rubino@uniba.it	SECS P / 01

ECTS credits details			
Basic teaching activities	Political Economy	SECS P / 01	6 CFU

Class schedule	
Period	II semester
Year	2019/2020
Type of class	Lecture- workshops

Time management	
Total Hours	150
In-class study hours	48
Out-of-class study hours	102

Academic calendar	
Class begins	
Class ends	

Syllabus	
Prerequisites/requirements	Basic Economics (Istituzioni di Economia Politica)
Expected learning outcomes (according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)	<ul style="list-style-type: none"> • <i>Knowledge and understanding: the course in Innovation Economics involves the acquisition of general knowledge on theories of technological change and on innovative business activities.</i> • <i>Knowledge and understanding skills applied: the student will have gained the basic knowledge necessary to operate in innovative entrepreneurial contexts such as startups, operating in the various sectors of production of goods and services. The student will be able to apply the necessary techniques to support the main innovative processes, to stimulate the collaboration between the private sector and research institutes, to foster the processes of diffusion of innovation and knowledge. The main objective of the course is to transfer to the student the skills and the tools to transform an innovative idea into a company and correctly prepare a "pitch" for the presentation of the project idea.</i> • <i>Autonomy of judgment: a capacity for critical evaluation of the problems related to technological change and the validation of an innovative idea is required.</i> • <i>Communication skills: a good ability to display the knowledge acquired through the presentation of business projects is required.</i> • <i>Ability to learn: the aim of the course is to develop the student's learning skills, combining theories and practices on the topics of innovation and entrepreneurship, providing technical skills based on the agile method.</i>

Contents	<p>The course is constituted by lectures on specific topics that focus on:</p> <ol style="list-style-type: none"> 1. The technological progress in the economic thought (neoclassic school, Schumpeter, evolutionary theory) 2. What is innovation? The relations among science, technology and innovation. 3. How to measure innovation and its economic consequences 4. The sources of innovation 5. The microeconomics of innovation: firms, markets, and other institutions 6. Appropriating the benefits of innovation: the debate on the intellectual property rights 7. Innovation and economic growth 8. Economic policies for innovation
Course program	<p>High Level Schedule</p> <p>1 - Definitions, basic concepts and technological paradigms; 2 - Innovation and economic theories; 3 - Neoclassical models of innovation; 4 - The innovative company; 5 - Sectoral technological regimes; 6 - National innovation systems; 7 - Dissemination of innovation; 8 - Increasing yields of adoption; 9 - Innovation and economic growth; 10 - Innovation and employment; 11 - Innovation policies; 12 - Innovation in the fourth industrial revolution; 13 - Innovation and universities; 14 - Innovation in services and in the public sector</p>
Bibliography	<p>- Franco Malerba (a cura di), <i>Economia dell'innovazione</i>, Carocci, Roma, 2002.</p> <p>- Patrizia Fariselli, <i>ECONOMIA DELL'INNOVAZIONE</i>, Giappichelli Editore 2014 - pp. XXVI-318 -ISBN 978-88-348-4736-7</p> <p>- Jan Fagerberg, David Mowery e Richard Nelson (a cura di), <i>Innovazione. Imprese, industrie, economie</i>, Carocci, Roma, 2007</p> <p>- Selected chapters from Bronwyn H. Hall, Nathan Rosenberg, <i>Handbook of the Economics of Innovation</i>, 2010, Volume 2. Elsevier [in english]</p> <ul style="list-style-type: none"> • Lecture notes by the teacher • Cases and exercises by the teacher
Notes	
Teaching methods	Lectures, project work exercises, testimonies and analysis of concrete cases in the classroom
Assessment methods (indicate at least the type written, oral, other)	<p>The expected learning outcomes will be evaluated through a written test that includes open questions and multiple choice questions, The time available to answer the proposed questions is 1:30 hours.</p> <p>Students who have obtained a grade of 16/30 or higher can opt for a supplementary oral exam (only one question) which can lead to an increase or reduction of the final grade.</p> <p>The evaluation criteria are: i. the level of mastery of knowledge, ii. the degree of articulation of the answer, iii. ability to synthesize. Students not attending</p> <p>For non-attending students, a complete oral exam will be held concerning the topics covered during the lessons and the case studies discussed in the classroom.</p>
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	<p>The evaluation criteria are: i. the level of mastery of knowledge, ii. the degree of articulation of the answer, iii. ability to synthesize. Students not attending</p> <p>For non-attending students, a complete oral exam will be held concerning the topics covered during the lessons and the case studies discussed in the classroom..</p>
Further information	