

<b>General Information</b>	<b>BACELOR DEGREE IN BIOTECHNOLOGIES</b>
Title of the subject	Exploitation and management of the biotechnology innovation
Degree Course (class)	Course common to degree courses Medical and Pharmaceutical Biotechnologies (L-2) and Industrial and Agri-Food Biotechnologies (L-2)
ECTS credits	2
Compulsory attendance	Yes
Language	ITALIAN
Academic year	2020-2021

<b>Subject Teacher</b>		
Name and Surname	FRANCESCA DE LEO	
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Place and time of reception	TO BE DEFINED	
<b>ECTS credits details</b>	Discipline sector (SSD)	Area
	/	Others

<b>Study plan schedule</b>	Year of study plan		Semester	
	3		2	
<b>Time management</b>	Lessons	Laboratory	Exercises	Total
CFU	2			2
Total hours	50			50
In-class study hours	16			16
Out-of-class study hours	34			34

<b>Syllabus</b>	
Prerequisites / Requirements	

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<b>Expected learning outcomes (according to Dublin descriptors)</b>	
Knowledge and understanding	<i>Get to know some basic concepts on the topics of innovation and technology transfer in biotechnology</i>
Applying knowledge	<i>Support arguments on the issues of innovation and business development in biotechnology</i>
Making informed judgments and choices	<i>Collect and interpret information useful for the management of innovation in the biotec sector</i>
Communicating knowledge	<i>Information, ideas, problems and solutions for the management of research projects in the biotec sector</i>
Capacities to continue learning	<i>Develop skills necessary to undertake further studies with a high degree of</i>

	<i>autonomy in the field of exploitation of research results for the biotec sector</i>
<b>Study Program</b>	
Content	<p>Intellectual property          What is the inventive activity?          General knowledge of the patent rules and application          The various forms of intellectual property          The rights conferred by the patent          European and non-European procedures for patenting          Legal protection of intellectual property in biotech          The patent as a lever of Marketing          R &amp; D management: technology and product development          Evaluation of early stage technologies          Research enhancement strategies, internal/ external agreements, outsourcing          Global R&amp;D management, selection of technology transfer projects          Patent regulation, spin-off, negotiation and licensing agreements          Forms of financing for start-ups          The business plan: purpose and preparation          The role of financial institutions          Venture Capital: mechanisms and opportunities</p>
Bibliography and textbooks	<p>1. Lessons notes</p> <p>2. Conti, Giuseppe, Granieri, Massimiliano, Piccaluga, Andrea La gestione del trasferimento tecnologico Strategie, modelli e strumenti Collana: SxI - Springer for Innovation / SxI - Springer per l'Innovazione 2011, IX, 218 pagg.</p> <p>3. Melissa A. Schilling (Autore), Francesco Izzo (Autore) Gestione dell'innovazione McGraw- Hill Education; 4 edizione (23 febbraio 2017) ISBN-10: 8838669031</p>
Notes to textbooks	
Teaching methods	Oral
Assessment methods (oral, written, ongoing assessment)	
Evaluation criteria (describe criteria for each of the above expected outcomes)	
Further information	