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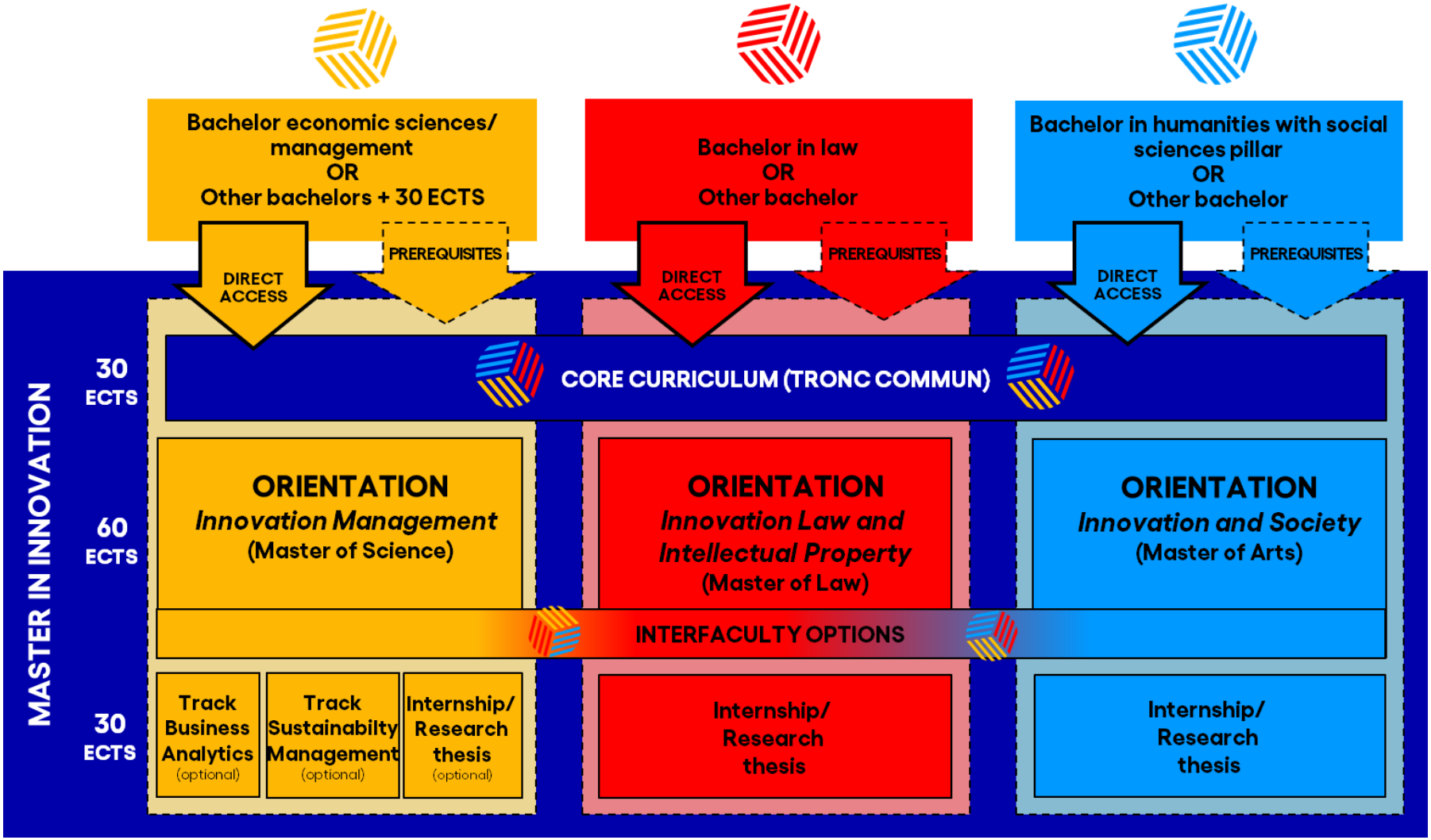
Université de Neuchâtel
Faculté des sciences économiques

MASTER IN INNOVATION/ MASTER EN INNOVATION

(IN EFFECT SINCE THE 2026-2027 ACADEMIC YEAR & APPROVED ON 15 APRIL 2026)



Modalités d'inscription et conditions de réussite : Règlement d'études et d'examens du programme interfacultaire de Master of Law/Arts/Science en innovation (Master en innovation), du 14 décembre 2023.

Université de Neuchâtel
Faculté des sciences économiques

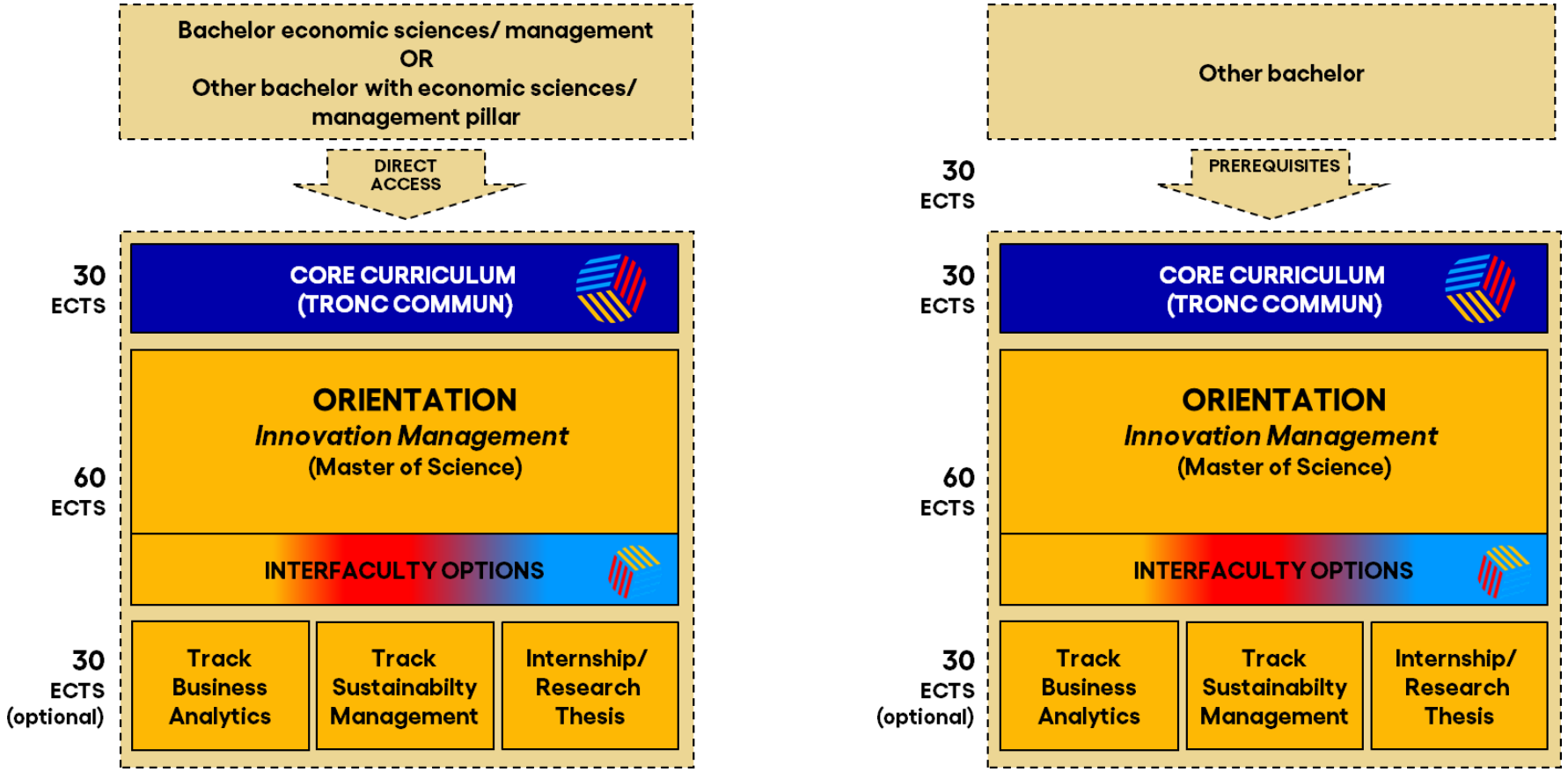
MASTER OF SCIENCE IN INNOVATION (MSc)/ MASTER OF SCIENCE EN INNOVATION (MSc)

Orientation : INNOVATION MANAGEMENT/ MANAGEMENT DE L'INNOVATION

(IN EFFECT SINCE THE 2026-2027 ACADEMIC YEAR)

90 or 120 ECTS

BILINGUAL PROGRAM – PROGRAMME BILINGUE



The «ANNEXE AU PLAN D'ÉTUDES DU MASTER OF SCIENCE (MSc) EN INNOVATION, ORIENTATION MANAGEMENT DE L'INNOVATION» forms integral part of the study plan.

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MASTER OF SCIENCE IN INNOVATION (MSc)/ MASTER OF SCIENCE EN INNOVATION (MSc)
Orientation : INNOVATION MANAGEMENT/ MANAGEMENT DE L'INNOVATION
90 OR 120 ECTS

Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 1						
Core curriculum/ Tronc commun						
Cours interdisciplinaires sur l'innovation 1 - Innovation et économie	*Jeannerat H.*	3	Autumn	2	O	Compulsory
Cycles de conférences sur les enjeux contemporains de l'innovation				1		Compulsory
Cours en histoire moderne et contemporaine : Histoire de l'innovation (XVIIIe-XXe siècle)	*Bernasconi G.*	3	Autumn	2	O	Compulsory
Orientation «innovation management»						
Principes généraux de la propriété intellectuelle	*Kraus D.*	3	Autumn	3	E	Compulsory
Quantitative Methods in Management*	*Luptakova V.*	6	Autumn	4	EI+E	Compulsory
Global Innovation Management*	*Reuter E.*	6	Autumn	4	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		9	Autumn			Elective
Total		**30**				
Semester 2						
Core curriculum/ Tronc commun						
Cours interdisciplinaires sur l'innovation 2 - Innovation et société	*Jeannerat H.*	3	Spring	2	O	Compulsory
Cycles de conférences sur les enjeux contemporains de l'innovation				1		Compulsory
Séminaire interdisciplinaire en innovation contemporaine	*Jeannerat H.*	4	Spring	2	EI	Compulsory
Accompagnement juridique d'un projet d'entreprise	*Chappuis F.*	2	Spring	1	E	Compulsory
European Intellectual Property and Innovation Law*	*Kraus D.*	4	Spring	2	O	Compulsory
Orientation «innovation management»						
Global Corporate Governance and Ethics*	*Duberry J.*	3	Spring	2	EI	Compulsory
Le marketing social pour l'innovation sociale	*Bezençon V.*	6	Spring	4	EI	Compulsory
Operations Management*	*Zufferey N.*	3	Spring	2	EI	Compulsory
Qualitative Methods in Management*	*Reuter E.*	3	Spring	2	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		3				
Total		**31**				

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Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 3						
Core curriculum/ Tronc commun						
Approches critiques de la mondialisation	*Crevoisier O.*	5	Autumn	2	O	Compulsory
Business Model Innovation*	*Belec Gergek J.*	3	Autumn	2	EI	Compulsory
Strategic Management of Technology & Innovation*	*Reuter E.*	3	Autumn	2	EI	Compulsory
Orientation «innovation management»						
Business Game I*	*Jonczyk C.*	6	Autumn	-	EI	Compulsory
Business Game II*	*Darouichi O./Chen Y.*	6	Autumn	-	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		6	Autumn			Elective
Total		**29**				
Total MScINNO - 90 ECTS		**90**				
Semester 4						
Track in Sustainability Management *(see Track IN SUSTAINABILITY MANAGEMENT)*		30	Spring			
Internship Thesis *(min. 12 weeks with internship thesis)*		30	Spring			
Research Thesis		30	Spring			
Track in Business Analytics *(see Track IN BUSINESS ANALYTICS)*		30	Spring			
Total MScINNO - 120 ECTS		**120**	Spring			

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LIST OF ELECTIVES/ LISTE D'ENSEIGNMENTS INTERFACULTAIRES[1]

	Instructor/s	ECTS	Semester	H/week	Evaluation
Sustainable Cities*[3] (FSE)	*Loumeau G.*	6	Autumn	4	E
Informations et médias numériques (FSE)	*Amigo L.*	3	Autumn	2	EI
Economic Analysis for Managers* ** (FSE)	*Stobl R.*	6	Autumn	4	EI+E
Data Science for Business* (FSE)	*Cotofrei P.*	6	Autumn	4	EI+E
Data Management* (FSE)	*Ciorascu I.*	6	Autumn	4	EI+E
International Strategy* (FSE)	Straub T. / Chen S.	6	Autumn	4	EI
Marketing and Globalization* (FSE)	*Kocher B.*	6	Autumn	4	EI+E
Changements sociaux et sociétés contemporaines (FLSH)	*Balsiger P.*	3	Autumn	2	E
Travail et marchés à l'ère du numérique (FLSH)	*Sanchez-Mira N.*	5	Autumn	2	EI
Protection des données et transparence (FD)	*Posse V.*	2	Autumn	1	O
Propriété intellectuelle (FD)	*Kraus D.*	4	Autumn	2	O
Human Resource Management and Leadership* ** (FSE)	*Dal Zotto C.*	6	Spring	4	EI
Data-driven Customer Management* (FSE)	*Schlager T.*	6	Spring	4	EI
Global Supply Chain Management* (FSE)	*Nieto Y.*	6	Spring	4	EI+E
ESG Disclosure* [3] (FSE)	*Fiechter P.*	3	Spring	2	EI
Corporate Finance* (FSE)	*Salva C.*	6	Spring	4	EI+E
Financial Analysis and Valuation* (FSE)	*Salva C.*	3	Spring	2	EI+E
Management Accounting and Control* ** (FSE)	*Burkert M.*	3	Spring	2	E
Business Analytics* (FSE)	*Cotofrei P.*	6	Spring	4	EI+E
Information System Design* ** (FSE)	*Holzer A.*	6	Spring	4	EI
Security & Privacy from a Client Perspective* (FSE)	*Stoffel K.*	3	Spring	2	EI
Nom de domaine, droit d'auteur et Internet (FD)	*Salvadé V.*	4	Spring	2	E
Transferts de technologies et nouveaux modèles d'innovation (FD)	*NN*	4	Spring	2	O
Socioéconomie de la monnaie, du travail et des ressources (FLSH)	*Crevoisier O.*	5	Spring	2	O
Cours interdisciplinaire en changements climatiques et sociétés (UNINE)	*Schneider L. / Intervenant-e-s externes*	5-6[2]	Spring	2	EI
Leadership* (FS)	*M. Debus*	3	Spring	2	E
Colloquium on Academic Writing* (FSE)	*Reuter E.*	3	Spring	2	EI
L'innovation sociale pour changer le monde (FLSH)	*Balsiger P.*	5	Spring	Cours bloc	EI
Fusions, acquisitions et restructurations d'entreprise (FD) (taught every two years)	*Hari O.*	4	Autumn	2	O
Module 03 - N'arrête pas ta comédie ! La propriété intellectuelle dans l'univers de la comédie musicale	*Kraus D.*	4	Autumn	-	Attestation
Challenge Innocité***	*Jeannerat H.*	3	Autumn	-	
Psychologie des organisations (FS)	*Bangerter A.*	6	Autumn	4	E
Further elective courses can be chosen in other master programs at the Faculty of Economics and Business and/or comparable programs in other Swiss universities with approval of the program Director **Please note that the optional courses may have different prerequisites.**					

[1] The courses of the Track in Sustainability Management and of the Track in Business Analytics are part of the elective courses for students who are not enrolled in these Tracks.

[2] See course description for the allocation of 6 credits.

[3] These courses can only be chosen by students who have entered the program without prerequisites or by students who attest to have acquired good knowledge in Economics and Business.

* Course taught in English

** These courses can only be chosen as an elective by students who have entered the program with prerequisites.

***This Challenge Innocité takes place before the start of the autumn semester: In 2026, it takes place from September 1st to 4th Registrations to the Challenge are possible in April/May via the following website: www.challenge-microcite.ch.

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Track in Business Analytics[1] [2]
(30 ECTS in the following list)

Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Data Science for Business*	Cotofrei P.	Autumn	6	4	EI+E
Data Management*	Ciorascu I.	Autumn	6	4	EI+E
Programming*	Baset S.	Autumn	3	2	E
Computational Thinking*	Macko V.	Spring	3	1 week[2]	EI
Business Analytics*	Cotofrei P.	Spring	6	4	EI+E
Machine Learning*	Ciorascu I.	Spring	6	4	EI+E
Economic Research and GenAI*	Gallea Q.	Spring	3	2	EI+O
Managing Data Science Projects*	Stoffel K.	Spring	3	2	EI+E
Elective(s) (see LIST OF ELECTIVES)			6		
Total			**30**		

[1] To obtain the Track in Business Analytics, a minimum of 30 ECTS need to be validated in the Track in Business Analytics module. The Track in Business Analytics validates the Master in innovation at 120 ECTS.

[2] Prerequisites: Students must attest to having taken 15 ECTS of statistics courses during their Master's or Bachelor's degree.

* Course taught in English

Track in Sustainability Management[2] (30 ECTS in the following list)

Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Changements sociaux et sociétés contemporaines[4]	Balsiger P.	Autumn	3	2	E
Gobal Public Goods*[3]	Solleder J.M.	Autumn	3	2	E
ESG Disclosure*[3]	Fiechter P.	Spring	3	2	EI
Environmental economics*[3]	Mathys N.	Spring	3	2	E
Finance Ethics*[3]	Fiole E.	Spring	3	2	E
Introduction to the Law of Biodiversity Conservation*	Wyssbrod V.	Spring	3	2	EI
Cours interdisciplinaire en changements climatiques et sociétés	Schneider L. / Intervenant-e-s externes	Spring	5-6[5]	2	EI
Changements climatiques et sociétés[4]	B. Lanz / Intervenant-e-s externes	Spring	3	2	EI
Durabilité, souveraineté, sobriété informatique[4]	Stoffel K.	Spring	3	2	EI
Elective(s) (see LIST OF ELECTIVES)			6-12		

[2]To obtain the Track in Sustainability Management, a minimum of 30 ECTS need to be validated in the Track in Sustainability Management module. The Track in Sustainability Management validates the Master in innovation at 120 ECTS.

[3]**Prerequisites to the course in the Track in Sustainability Management**: These courses can only be chosen by students who have entered the program without prerequisites or by students who attest to have acquired good knowledge in Economics and Business.

[4]**Prerequisites to the course in the Track in Sustainability Management:** This course can only be chosen by students who have not yet validated the course in their bachelor studies at the University of Neuchâtel.

[5] see course description for the allocation of 6 credits.

* Course taught in English

It is not possible to cumulate the Master in International Business Development or Master in General Management and the Master of Science in innovation.

Retake exam after 1 failure: unless otherwise specified in the course description, 2h written exam during the exam session at the end of the semester or the September session.
The detailed terms of evaluation are specified in the course descriptions.

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LEARNING OUTCOMES/ ACQUIS DE FORMATION

At the end of the course, students will be able to:
Learning outcomes common to the three orientations
Knowledge and understanding:
• Identify the contemporary economic, managerial, legal and social challenges of innovation
• Recognize innovation processes in organizations and society
• Analyze innovation processes in organizations and society
Applying knowledge and understanding:
• Develop actions, instruments and institutional frameworks needed to ensure that innovation results in progress that benefits society
Ability to make judgments:
• Assess the social and economic impact of innovation on society
• Anticipate the social and economic impact of innovation on society
Communication skills:
• Dialogue with people involved in innovation and creativity
Independent learning skills:
• Handle economic and social issues in organizations and society creatively
• Experiment with innovative solutions to current economic and social problems
Transversal skills:
• Design change and innovation projects within groups, companies and society as a whole
• Manage change and innovation projects within groups, companies and society as a whole
• Take initiatives
• Foster entrepreneurial spirit and intellectual curiosity
• Work in groups
• Conduct research
• Apply knowledge to real-life situations
• Act on the basis of ethical reasoning
• Generate novel ideas (creativity)

Learning outcomes: Orientation « Innovation Management/ Management de l'innovation »
Knowledge and understanding:
• Recognize innovation processes, their key components and the main challenges they pose
• Analyze innovation processes, their key components and the main issues they raise
• Understand innovation processes, their key components and the main issues they raise
• Recognize the opportunities and challenges of innovation management in different sectors and types of organization
Applying knowledge and understanding:
• Apply interdisciplinary theories and concepts to explain the phenomenon of innovation
• Apply innovation management frameworks and tools
• Manage the various phases of the innovation process, their key elements and the main managerial, social and legal issues at stake
Ability to make judgments:

• Analyze innovation processes from different perspectives and at different levels
• Justify innovation processes from different perspectives and at different levels
• Analyze innovation opportunities and justify your reasoning
• Select innovation opportunities and justify your reasoning
• Assess the internal and external environment of innovation opportunities and processes
Communication skills:
• Discuss the main issues inherent in innovation management
• Present results (managerial analyses) in a structured and convincing manner
• Focus audience attention on the specific challenges of innovation management
Independent learning skills:
• Experiment with the creation and prototyping of innovation opportunities
• Experiment with innovation processes
• Anticipate the challenges of innovation management