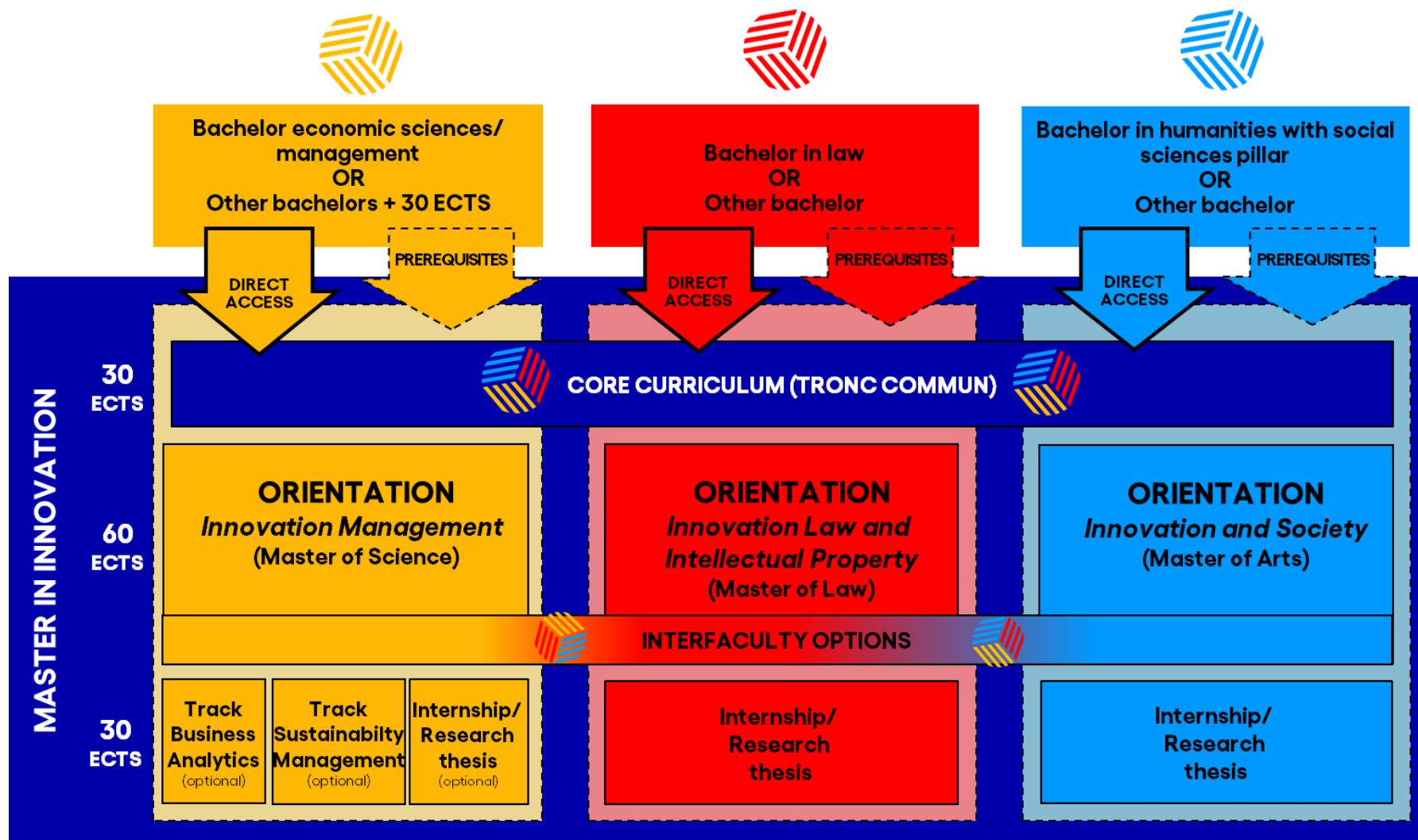


MASTER IN INNOVATION/ MASTER EN INNOVATION
 (IN EFFECT SINCE THE 2025-2026 ACADEMIC YEAR)



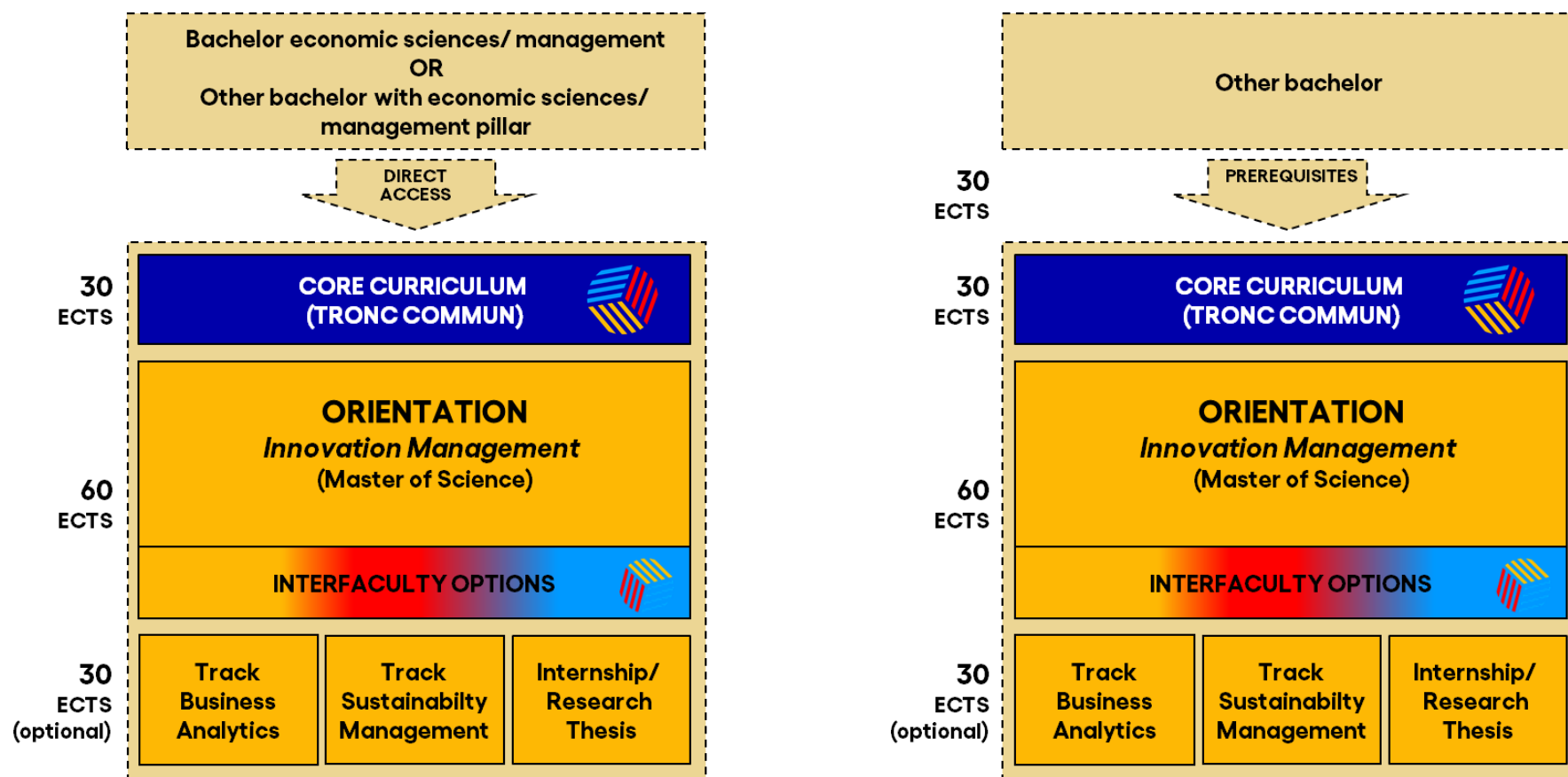
MASTER OF SCIENCE IN INNOVATION (MSc)/ MASTER OF SCIENCE EN INNOVATION (MSc)

Orientation : INNOVATION MANAGEMENT/ MANAGEMENT DE L'INNOVATION

(IN EFFECT SINCE THE 2025-2026 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.

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

Orientation : INNOVATION MANAGEMENT/ MANAGEMENT DE L'INNOVATION

90 OR 120 ECTS

DIRECT ACCESS

Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 1						
<i>Core curriculum/ Tronc commun</i>						
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
<i>Orientation «innovation management»</i>						
Principes généraux de la propriété intellectuelle	Kraus D.	3	Autumn	3	E	Compulsory
Quantitative Methods in Management*	Puntiroli M.	6	Autumn	4	EI+E	Compulsory
Global Innovation Management*	Reuter E.	6	Autumn	4	EI+E	Compulsory
Elective(s) (see LIST OF ELECTIVES)		9	Autumn			Elective
Total		30				
Semester 2						
<i>Core curriculum/ Tronc commun</i>						
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
<i>Orientation «innovation management»</i>						
Global Corporate Governance and Ethics*	Duberry J.	3	Spring	2	EI	Compulsory
Innovation and Technology Policies*	A. Mack	3	Spring	2	EI+E	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
Total		31				

Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 3						
<i>Core curriculum/ Tronc commun</i>						
Approches critiques de la mondialisation	Crevoisier O.	5	Autumn	2	O	Compulsory
Innovation Process*	Reuter E.	3	Autumn	2	EI	Compulsory
Strategic Management of Technology & Innovation*	Reuter E.	3	Autumn	2	EI+E	Compulsory
<i>Orientation «innovation management»</i>						
Business Game I*	Jonczyk C.	6	Autumn	-	EI	Compulsory
Business Game II*	Darouichi O./ Fauchart E.	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			

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

Note: This study plan shows exemplary “prerequisites” (“passerelle supplémentaire”). The prerequisites do not form part of the Master-level study plan and are adapted to the student’s background. They constitute prerequisites that need to be fulfilled prior to accessing the Master. As the study plan shows, some Master-level courses may be started already in parallel.

	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 1						
<i>Prerequisites</i>						
Financial Accounting Fundamentals*	Stenzel A./Dinh T.	6	Autumn	4	EI+E	Compulsory
Managerial Finance I*	Wälchli U.	3	Autumn	2	EI+E	Compulsory
Marketing Management*	Schlager T.	6	Autumn	4	EI	Compulsory
Quantitative Methods for Managers*	Cotofrei P.	6	Autumn	4	EI+E	Compulsory
Total Prerequisites		21				
<i>Core curriculum/ Tronc commun</i>						
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			Autumn	1		Compulsory
Approches critiques de la mondialisation	Crevoisier O.	5	Autumn	2	O	Compulsory
<i>Orientation «innovation management»</i>						
Principes généraux de la propriété intellectuelle	Kraus D.	3	Autumn	2	E	Compulsory
Total		11				
Semester 2						
<i>Prerequisites</i>						
Managerial Finance II*	Wälchli U.	3	Spring	4	EI+E	Compulsory
Strategic Management	Jonczyk C / NN	6	Spring	4	EI+E	Compulsory
Total Prerequisites		9				
<i>Core curriculum/ Tronc commun</i>						
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			Spring	1		Compulsory
Séminaire interdisciplinaire en innovation contemporaine	Jeannerat H.	4	Spring	2	EI	Compulsory
European Intellectual Property and Innovation Law*	Kraus D.	4	Spring	2	O	Compulsory
<i>Orientation «innovation management»</i>						
Global Corporate Governance and Ethics*	Duberry J.	3	Spring	2	EI	Compulsory
Qualitative Methods in Management*	Reuter E.	3	Spring	2	EI	Compulsory
Total		17				

	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 3						
<i>Tronc commun</i>						
Cours en histoire moderne et contemporaine : Histoire de l'innovation (XVIIIe-XXe siècle)	Bernasconi G.	3	Autumn	3	O	Compulsory
Innovation process*	Reuter E.	3	Autumn	2	EI	Compulsory
Strategic Management of Technology & Innovation*	Reuter E.	3	Autumn	2	EI+E	Compulsory
<i>Orientation «innovation management»</i>						
Global Innovation Management*	Reuter E.	6	Autumn	4	EI+E	Compulsory
Quantitative Methods in Management*	Puntiroli M.	6	Autumn	4	EI+E	Compulsory
Business Game I*	Jonczyk C.	6	Autumn	-	EI	Compulsory
Business Game II*	Darouichi O./ Fauchart E.	6	Autumn	-	EI	Compulsory
Total		33				
Semester 4						
<i>Tronc commun</i>						
Accompagnement juridique d'un projet d'entreprise	Chappuis F.	2	Spring	2	E	Compulsory
<i>Orientation «innovation management»</i>						
Innovation and Technology Policies*	Mack A.	3	Spring	2	EI+E	Compulsory
Le marketing social pour l'innovation sociale	Bezençon V.	6	Spring	4	EI	Compulsory
Operations Management*	Zufferey N.	3	Spring	2	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		15	Spring			Elective
Total		29				
Total Prerequisites		30				
Total MScINNO - 90 ECTS		90				
Semester 5						
Track in Sustainability Management (see Track IN SUSTAINABILITY MANAGEMENT)		30	Autumn			
Internship Thesis (min. 12 weeks with internship thesis)		30	Autumn			
Research Thesis		30	Autumn			
Track in Business Analytics (see Track IN BUSINESS ANALYTICS)		30	Autumn			
Total MScINNO - 120 ECTS		120				

LIST OF ELECTIVES/ LISTE D'ENSEIGNEMENTS INTERFACULTAIRES¹

	Instructor/s	ECTS	Semester	H/week	Evaluation
International Negotiation* (FSE)	Jagodzinska K.	3	Spring	2	EI
Human Resource Management and Leadership* ** (FSE)	Dal Zotto C.	6	Spring	4	EI+E
Data-driven Customer Management* (FSE)	NN	6	Spring	4	EI+E
Global Supply Chain Management* (FSE)	Nieto Y. / Kunz N.	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 I.	6	Spring	4	EI+E
Information System Design* ** (FSE)	Holzer A.	6	Spring	4	EI
Macroeconomic policy * (FSE)	Wegmüller P.	3	Spring	2	E
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
Special topics in pro-social marketing	Grinstein A.	1,5/3 ⁴	Spring	1 week ⁵	EI
Colloquium on Academic Writing (FSE)	Reuter E.	3	Spring	2	EI
Informations et médias numériques (FSE)	Pignard-Cheynel N.	3	Autumn	2	EI
Economic Analysis for Managers* ** (FSE)	Mack A.	6	Autumn	4	EI+E
Data Science for Business* (FSE)	Cotofrei I.	6	Autumn	4	EI+E
Data Management* (FSE)	Ciorascu I.	6	Autumn	4	EI+E
International Strategy* (FSE)	Jonczyk C.	6	Autumn	4	EI
Marketing and Globalization* (FSE)	Uysal E.	6	Autumn	4	E+EI
Anthropologie thématique : séminaire de recherche : agriculture, climat et transdisciplinarité (FLSH)	Forney J.	5	Autumn	2	EI
Changements sociaux et sociétés contemporaines (FLSH)	Balsiger P.	3	Autumn	2	E
Travail et marchés à l'ère du numérique (FLSH)	Balsiger P.	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
Fusions, acquisitions et restructurations d'entreprise (FD) (taught every two years, this course takes place in 2024-2025)	Hari O.	4	Autumn	2	O
Module 03 La PI fantastique – la création à l'heure du numérique Fantastic IP – creation in the digital era	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 The course Travail et marchés à l'ère du numérique 1 is a mandatory prerequisite

⁴ See course description for the allocation of 3 credits.

⁵ The workshop will take place from June 16 to June 19, 2026. Course registration is possible in IS-Academia during the registration period for the Spring 2026 semester: February 16 – March 13, 2026.

Track in Business Analytics¹²
(30 ECTS from the below list)

Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Data Science for Business*	Cotofrei I.	Autumn	6	4	EI+E
Data Management*	Ciorascu I.	Autumn	6	4	EI+E
Programming*	Simon E.	Autumn	3	2	E
Computational Thinking*	Macko V.	Spring	3	1 week ²	EI
Business Analytics*	Cotofrei I.	Spring	6	4	EI+E
Machine Learning*	Ciorascu I.	Spring	6	4	EI+E
Economic Research and AI	Gallea Q.	Spring	3	2	EI+E
Elective(s) (see LIST OF ELECTIVES)			6		
Total			30		

¹To 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.

Track in Sustainability Management² (30 ECTS from the below list)

Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Changements climatiques	M. Rebetez/ B. Lanz	Autumn	3	2	EI+E
Changements sociaux et sociétés contemporaines	Balsiger P.	Autumn	3	2	E
Global Public Goods ^{*3}	Solleder J.M.	Autumn	3	2	E
Anthropologie thématique : Séminaire de recherche : agriculture, climat et transdisciplinarité	Forney J.	Autumn	5	2	EI
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
Elective(s) (see LIST OF ELECTIVES)			6-12		

²To 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 are registered in Track I or by students who attest to have acquired a basic knowledge in micro- and macroeconomics.

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

** These courses can only be chosen as an elective by students who are registered in Track II (and not by students who are registered in Track I).

*** This Challenge Innocité takes place before the start of the autumn semester: In 2025, it takes place from September 3th to 5th with a kick-off meeting on June 19th. Registrations to the Challenge are possible in April/May via the following website: www.challenge-microcite.ch.

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.

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