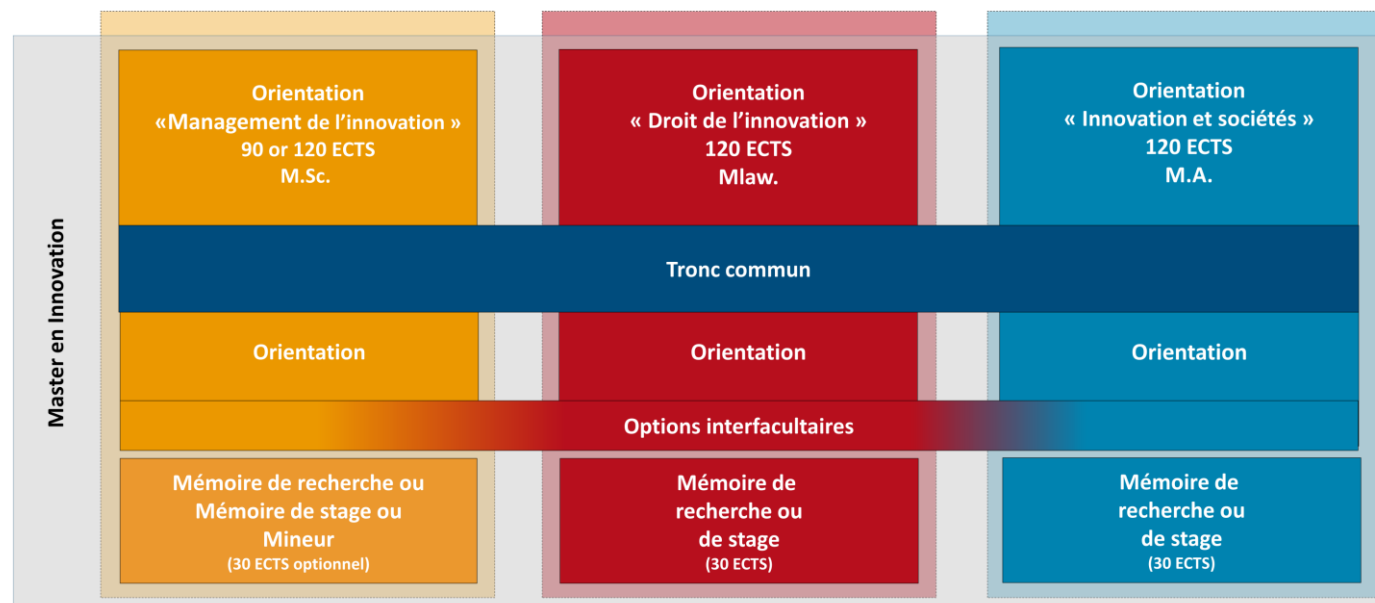


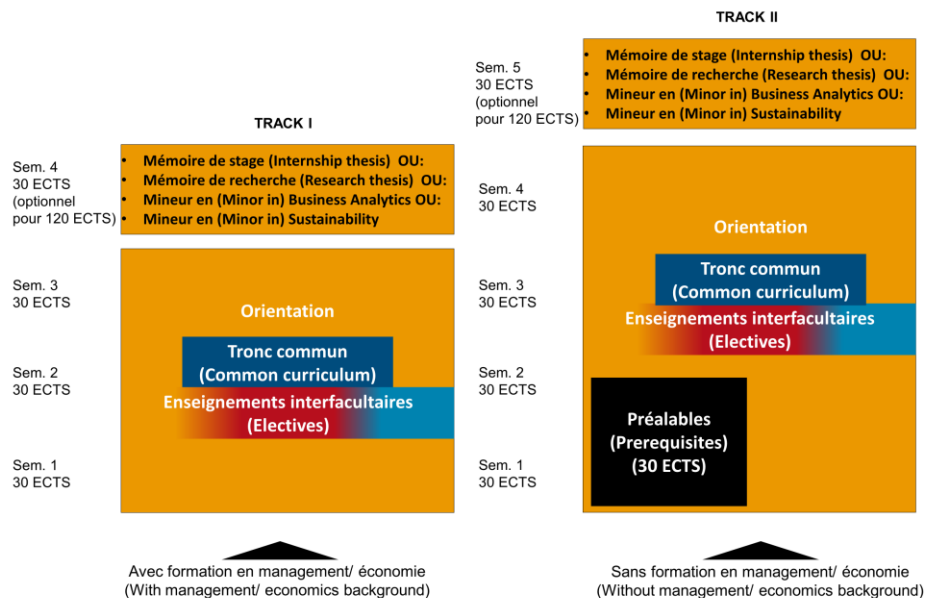
MASTER EN INNOVATION



ACADEMIC YEAR 2022-2023

**MASTER OF SCIENCE EN INNOVATION (MSc)
 MASTER OF SCIENCE IN INNOVATION (MSc)
 Orientation
 MANAGEMENT DE L'INNOVATION
 INNOVATION MANAGEMENT**

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 EN INNOVATION (MSc)
MASTER OF SCIENCE IN INNOVATION
90 OR 120 ECTS
PE-TRACK I: DIRECT ACCESS

Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 1						
<i>Tronc commun</i>						
Cours disciplinaire sur les théories de l'innovation	<i>Jeannerat H.</i>	3	Autumn	2	E	Compulsory
Cycles de conférences sur les enjeux contemporains de l'innovation				-		Compulsory
Cours/Séminaire d'histoire: Histoire de l'innovation	<i>Bernasconi G.</i>	3	Autumn	2	EI	Compulsory
<i>Orientation «innovation management»</i>						
Principes généraux de la propriété intellectuelle	<i>Kraus D.</i>	3	Autumn	3	E	Compulsory
Quantitative Methods in Management*	<i>Puntiroli M.</i>	6	Autumn	4	EI+E	Compulsory
Corporate Social Responsibility and Governance*	<i>Biedermann D.</i>	3	Autumn	2	E	Compulsory
Elective(s) (see LIST OF ELECTIVES)		9-15	Autumn			Electiv
Total		27-33				
Semester 2						
<i>Tronc commun</i>						
Cours interdisciplinaire sur les théories de l'innovation	<i>Jeannerat H.</i>	3	Spring	2	E	Compulsory
Cycles de conférences sur les enjeux contemporains de l'innovation				-		Compulsory
Strategic Management of Technology & Innovation*	<i>Reuter E.</i>	3	Spring	2	EI	Compulsory
Séminaire interdisciplinaire en innovation contemporaine	<i>Jeannerat H.</i>	2	Spring	2	EI	Compulsory
Accompagnement d'un projet d'entreprise	<i>Chappuis F.</i>	2	Spring	1	E	Compulsory
<i>Orientation «innovation management»</i>						
Innovation and Technology Policies*	<i>A. Mack</i>	3	Spring	2	EI+E	Compulsory
Le marketing social pour l'innovation sociale	<i>Bezençon V.</i>	6	Spring	4	EI	Compulsory
Global Innovation Management*	<i>Reuter E.</i>	6	Spring	4	EI+E	Compulsory
Operations Management*	<i>Zufferey N.</i>	3	Spring	2	EI	Compulsory
Qualitative Methods in Management*	<i>Khan U.</i>	3	Spring	2	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		0-3				Elective
Total		31-34				

Course	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 3						
<i>Tronc commun</i>						
Approches critiques de la mondialisation I	Crevoisier O.	5	Autumn	2	E	Compulsory
Innovation Process*	Reuter E.	3	Autumn	2	EI	Compulsory
<i>Orientation «innovation management»</i>						
Business Game*	Jonczyk-Sédès C./ Darouichi O./ Fauchart E.	12	Autumn	-	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		3-12	Autumn			Elective
Total		23-32				
Total MScINNO - 90 ECTS		90				
Semester 4						
<i>Minor in Sustainability Management (see MINOR IN SUSTAINABILITY MANAGEMENT)</i>						
		30	Spring			
<i>Internship Thesis (min. 12 weeks with internship thesis)</i>						
		30	Spring			
<i>Research Thesis</i>						
		30	Spring			
<i>Minor in Business Analytics (see MINOR IN BUSINESS ANALYTICS)</i>						
		30	Spring			
Total MScINNO - 120 ECTS		120	Spring			

MASTER OF SCIENCE EN INNOVATION (MSc)
MASTER OF SCIENCE IN INNOVATION
90 OR 120 ECTS
PE-TRACK II: 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. For instance, students with a bachelor from an Haute École Spécialisée (HES) have to fulfill 30 ECTS of prerequisites. 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						
Prerequisites						
Financial Accounting Fundamentals*	<i>Dinh T./Stenzel A.</i>	6	Autumn	4	EI+E	Compulsory
Strategic Management*	<i>Jonczyk-Sédès C./ Darouichi</i>	6	Autumn	4	EI	Compulsory
Marketing Management*	<i>Kocher B.</i>	6	Autumn	4	EI+E	Compulsory
Méthodes quantitatives pour managers	<i>Cotofrei P.</i>	6	Autumn	4	EI+E	Compulsory
Total Prerequisites		24				
<i>Tronc commun</i>						
Cours interdisciplinaire sur les théories de l’innovation	<i>Jeannerat H.</i>	3	Autumn	2	E	Compulsory
Cycles de conférences sur les enjeux contemporains de l’innovation			Autumn	-		Compulsory
<i>Orientation «innovation management»</i>						
Corporate Social Responsibility and Governance*	<i>Biedermann D.</i>	3	Autumn	2	E	Compulsory
Total		6				
Semester 2						
Prerequisites						
Managerial Finance*	<i>Wälchli U.</i>	6	Spring	4	EI	Compulsory
Total Prerequisites		6				
<i>Tronc commun</i>						
Cours interdisciplinaire sur les théories de l’innovation	<i>Jeannerat H.</i>	3	Spring	2	E	Compulsory
Cycles de conférences sur les enjeux contemporains de l’innovation			Spring	-		Compulsory
Séminaire interdisciplinaire en innovation contemporaine	<i>Jeannerat H.</i>	2	Spring	2	EI	Compulsory
<i>Orientation «innovation management»</i>						
Innovation and Technology Policies*	<i>A. Mack</i>	3	Spring	2	EI+E	Compulsory
Le marketing social pour l’innovation sociale	<i>Bezençon V.</i>	6	Spring	4	EI	Compulsory
Global Innovation Management*	<i>Reuter E.</i>	6	Spring	4	EI+E	Compulsory
Qualitative Methods in Management*	<i>Khan U.</i>	3	Spring	2	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		6	Spring			Elective
Total		29				

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 9 juin 2020.

	Instructor/s	ECTS	Semester	H/week	Evaluation	Status
Semester 3						
<i>Tronc commun</i>						
Approches critiques de la mondialisation I	<i>Crevoisier O.</i>	5	Autumn	2	E	Compulsory
Cours/Séminaire d'histoire : Histoire de l'innovation	<i>Bernasconi G.</i>	3	Autumn	4	EI	Compulsory
Innovation process*	<i>Reuter E.</i>	3	Autumn	2	EI	Compulsory
<i>Orientation «innovation management»</i>						
Principes généraux de la propriété intellectuelle	<i>Kraus D.</i>	3	Autumn	2	E	Compulsory
Quantitative Methods in Management*	<i>Puntiroli M.</i>	6	Autumn	4	EI+E	Compulsory
Business Game*	<i>Jonczyk-Sédès C./ Darouichi O./ Fauchart E.</i>	12	Autumn	-	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		0-3	Autumn			Elective
Total		32-35				
Semester 4						
<i>Tronc commun</i>						
Accompagnement d'un projet d'entreprise	<i>Chappuis F.</i>	2	Spring	2	E	Compulsory
Strategic Management of Technology & Innovation*	<i>Reuter E.</i>	3	Spring	2	EI	Compulsory
<i>Orientation «innovation management»</i>						
Operations Management*	<i>Zufferey N.</i>	3	Spring	2	EI	Compulsory
Elective(s) (see LIST OF ELECTIVES)		12-15	Spring			Elective
Total		20-23				
Total Prerequisites		30				
Total MScINNO - 90 ECTS		90				
Semester 5						
<i>Minor in Sustainability Management (see MINOR IN SUSTAINABILITY MANAGEMENT)</i>		30	Autumn			
<i>Internship Thesis (min. 12 weeks with internship thesis)</i>		30	Autumn			
<i>Research Thesis</i>		30	Autumn			
<i>Minor in Business Analytics (see MINOR IN BUSINESS ANALYTICS)</i>		30	Autumn			
Total MScINNO - 120 ECTS		120				

**LISTE D'ENSEIGNEMENTS INTERFACULTAIRES
 (LIST OF ELECTIVES)**

	Instructor/s	ECTS	Semester	H/week	Evaluation
International Negotiation* (FSE)	Jagodzinska K.	3	Spring	2	EI
Culture, Human Resources and International Firms* (FSE)	Dal Zotto C.	3	Spring	2	EI
Human Resource Management and Leadership* ** (FSE)	Dal Zotto C.	6	Spring	4	EI
Marketing Analytics and Consumer Management * (FSE)	Puntiroli M. Christen M.	6	Spring	4	EI+E
Financial Analysis* (FSE)	Fiechter P.	3	Spring	2	EI
Corporate Finance* (FSE)	Salva C.	6	Spring	4	EI+E
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
Enjeux des systèmes d'information ** (FSE)	Holzer A.	6	Spring	4	EI
Economics of Regulation* (FSE)	Rime B.	3	Spring	2	E
Energy Economics* (FSE)	Farsi M.	3	Spring	2	EI
European Intellectual Property Law* (FD)	Kraus D.	4	Spring	2	E
Nom de domaine, droit d'auteur et Internet (FD)	Salvadé V.	4	Spring	2	E
Protection des données et transparence (FD)	Ivanov D.	2	Spring	1	E
Transferts de technologies et nouveaux modèles d'innovation (FD)	Tissot N.	4	Spring	2	E
Approche critique de la mondialisation II (FLSH)	Crevoisier O.	5	Spring	2	E
Anthropological approaches to agro-environmental governance in Switzerland (FLSH)*	Forney J.	5	Spring	2	EI
Morale et marché (FLSH) (class taking place every two years)	Balsiger P.	5	Spring	2	EI
Qualitative and mixed methods in social work & social sciences*	B. Waldis	3	Spring	2	EI
Quantitative research methodologies in social work & social sciences*	NN	3	Spring	2	EI
Informations et médias numériques (FSE)	Pignard-Cheynel N.	3	Autumn	2	EI
Equity Research Contest* (FSE)	Salva C.	6	Autumn	4	EI
Analyse économique pour 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
Global Supply Chain Management* (FSE)	Nieto Y.	6	Autumn	4	EI
International Strategy* (FSE)	Jonczyk-Sédès C	6	Autumn	4	EI
Marketing and Globalization* (FSE)	Kocher B.	6	Autumn	4	E+EI
Changements sociaux et sociétés contemporaines (FLSH)	Balsiger P.	3	Autumn	2	E
Propriété intellectuelle (sans procédure) (FD)	Tissot N.	6	Autumn	4	O
Fusions, acquisitions et restructurations d'entreprise (FD)	DuPasquier U.	4	Autumn	2	E
Séminaire thématique en innovation I: module 5: La propriété intellectuelle en pratique (FD)	Kraus D.	4	Autumn	-	Attestation
Challenge Microcity***	Jeannerat H.	3	Autumn	-	
Psychologie des organisations	NN	6	Autumn	4	E
Statistique appliquée à la psychologie et aux sciences sociales **	Tillé Y.	3	Autumn	2	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.

Please note that the optional courses may have different prerequisites.

Minor in Business Analytics ¹ (30 ECTS from the below list)					
Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Data Science for Business*	<i>Cotofrei I.</i>	Autumn	6	4	EI+E
Data Management*	<i>Ciorascu I.</i>	Autumn	6	4	EI+E
Computational Thinking*	<i>Holzer A.</i>	Spring	3	1 week ²	EI
Business Analytics*	<i>Cotofrei I.</i>	Spring	6	4	EI+E
Machine Learning*	<i>Ciorascu I.</i>	Spring	6	4	EI+E
Programming*	<i>Simon E.</i>	Spring	3	2	EI
Elective(s) (see LIST OF ELECTIVES)			6		
Total			30		

¹To obtain the Minor in Business Analytics, minimum 30 ECTS need to be validated in the Minor in Business Analytics module. The Minor in Business Analytics validates the Master in innovation at 120 ECTS.

Prerequisites to the minor: The student attests to have fulfilled 15 ECTS in statistics, mathematics or information technology in the Master or Bachelor.

Minor in Sustainability Management² Mineur en Management de la Durabilité (30 ECTS from the below list)					
Course	Instructor/s	Semester	ECTS	H/week	Evaluation
Changements climatiques	<i>M. Rebetez</i>	Autumn	3	2	EI+E
Changements sociaux et sociétés contemporaines	<i>Balsiger P.</i>	Autumn	3	2	E
Global Public Goods ³	<i>Solleder J.M.</i>	Fall	3	2	E
Public Policy Evaluation ³	<i>Rom A.; Kistler D.</i>	Fall	3		EI+E
Environmental economics ³	<i>Mathys N.</i>	Spring	3	2	E
Finance Ethics*	<i>Fiole E.</i>	Spring	3	2	E
Global Corporate Governance and Ethics*	<i>Duberry J.</i>	Spring	3	2	EI
Energy Economics ³	<i>Farsi M.</i>	Spring	3	2	EI
Anthropological approaches to agro-environmental governance*	<i>Forney J.</i>	Spring	5	2	EI
Morale et marché	<i>Balsiger P.</i>	Spring (every 2 years)	5	2	EI
Changements climatiques et sociétés ⁴	<i>Rebetez M, Grether J.-M., Lanz B., Fenley M., Kessler F., Rassman S., Turlings T., Hertz E., Piguët E., Bernasconi G., Défago V., di Stefano G., Bezençon V.</i>	Spring	3	2	EI
Elective(s) (see LIST OF ELECTIVES)			6-9		

²To obtain the Minor in Sustainability Management, minimum 30 ECTS need to be validated in the Minor in Sustainability Management module. The Minor in Sustainability Management validates the Master in innovation at 120 ECTS.

³**Prerequisites to the course in the minor 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 minor 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.

* Course taught in English

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

*** This Challenge Microcité takes place before the start of the autumn semester: In 2022, it takes place from September 6th to 9th with a kick-off meeting in June. 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.