unine
Université de Neuchâtel
Faculté des sciences économiques

MASTER OF SCIENCE IN APPLIED ECONOMICS (MSCAPEC), 90 ECTS
MASTER OF SCIENCE EN ÉCONOMIE APPLIQUÉE, 90 ECTS

OPTIONAL MAJOR IN : ENERGY AND ENVIRONMENTAL POLICY / DATA SCIENCE

From the academic year 2023-2024

Code	MScAPEC	Instructor	ECTS	Semester	H/week	Grading policy	Status
Module : Economic tools in practice							
5ER2028	Microeconomic Policy	*M. Farsi*	6	Autumn	4	E	Compulsory
5ER2050	Behavioral Economics	*S. Kandul ; S. Khelifa*	3	Autumn	2	EI+E	Compulsory
5EN2022	Social Policy	*D. Ilić ; T. Brändle*	3	Autumn	2	EI+E	Compulsory
5ER2041	Empirical Research	*M. Pecoraro*	3	Autumn	2	EI+E	Compulsory
5ER2043	International Economics and Trade Policy	*M. Bacchetta ; J.-A. Monteiro*	3	Spring	2	E	Compulsory
5ER2010	Economics of Regulation	*B. Rime*	3	Spring	2	E	Compulsory
5ER2019	Political Economy	*P. Fortunato*	3	Spring	2	E	Compulsory
5ER2042	Topics in Development Economics	*J.-M. Grether ; L. Gasparini ; M. Marcchionni*	3	Spring	2	EI+E	Compulsory
Module : Quantitative methods (min. 12 ECTS)							
5ST2001	Econometrics	*C. Starica*	6	Autumn	4	EI+E	Compulsory[1]
5AF2017	Applied Macroeconometrics	*D. Kaufmann*	6	Autumn	4	EI+E	Compulsory[1]
5ER2020	Applied Microeconometrics	*B. Lanz*	6	Spring	4	EI+E	Compulsory[1]
Electives[2]							
5ER2017	Global Public Goods[a)]	*J.-M. Solleder*	3	Autumn	2	E	Elective
5ER2016	Public Policy Evaluation[a)]	*A. Rom ; D. Kistler*	3	Autumn	2	EI+E	Elective
5MI2017	Data Management[b)]	*I. Ciorascu*	6	Autumn	4	EI+E	Elective
5ER2048	Monetary Policy in a New Era	*F. Canetg*	3	Autumn	2	EI	Elective
5MI2012	Computational Thinking[b) 3]	*A. Holzer*	3	-	1 week	EI	Elective
5ER2051	Health Economics and Policy	*J. Marti ; A. Meier*	3	Spring	2	EI	Elective
5ER2032	Energy Economics[a)]	*M. Farsi*	3	Spring	2	E	Elective
5ER2023	Environmental Economics[a)]	*N. Mathys*	3	Spring	2	E	Elective
5ZZ2011	Innovation and Technology Policies[a)]	*A. Mack*	3	Spring	2	EI+E	Elective
5MI2018	Machine Learning[b)]	*I. Ciorascu*	6	Spring	4	EI+E	Elective
5ER2052	International Finance and Macroeconomics	*D. Kaufmann*	3	Spring	2	E	Elective
2GG2036	Cours interdisciplinaire en changements climatiques et sociétés[a)]	*L. Schneider ; Intervenant-e-s externes*	5-6[4]	Spring	2	EI	Elective
Total			**60**				
5ER2047 or 5ER2046	Master thesis or internship thesis[c)]		30				
GRAND TOTAL			**90**				

[a)] Minimum 15 ECTS among these courses required to obtain a major in "Energy and Environmental Policy".
[b)] Required to obtain a major in "Data Science".
[c)] To obtain a major, the thesis must be written on a topic that is relevant for the targeted major.
[1] Minimum 12 ECTS among these three courses.
[2] Students select elective courses in order to complete the required total of 60 ECTS. Elective courses that are not listed above require the program director's prior approval.
[3] Course enrolment is done in IS-Academia during the course enrolment deadline for the spring semester 2024.
[4] see course description for the allocation of 6 credits

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 (E: written exam during the exam session at the end of the semester ; EI: evaluation organized during the semester)

Modalités d'inscription et conditions de réussite : Règlement d'études et d'examens des Masters of Science en sciences économiques, du 6 mai 2019, état au 20 septembre 2022.
http://www.unine.ch/mscapec

January 18, 2024