



Programme-specific Section of the Curriculum for the MSc Programme in European Environmental Economics and Policy at the Faculty of Science, University of Copenhagen 2025

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1 Title, affiliation and language

A shared section that applies to all BSc, part-time MSc and MSc programmes at the Faculty of Science is linked to this programme-specific curriculum.

1.1 Title

The Erasmus Mundus Joint Master (EMJM) in European Environmental Economics and Policy leads to a Master of Science (MSc) in European Environmental Economics and Policy

The Erasmus Mundus Joint Master in European Environmental Economics and Policy leads to a double degree awarded with two of the following titles depending on choice of mobility-track:

- University of Copenhagen: Master of Science (MSc) in European Environmental Economics and Policy
- Heidelberg University: Master of Science (MSc) in Economics
- Heidelberg University: Master of Arts (MA) in Politikwissenschaft
- University of Milan: Laurea Magistrale in Environmental and Food Economics
- Charles University: Magistr (Mgr.) European Environmental Economics and Policy
- University of Warsaw: Magister in European Environmental Economics and Policy

1.2 Affiliation

The programme is affiliated with the Study Board of Natural Resources, Environment and Animal Science, and the students can both elect, and be elected, to this study board.

1.3 Corps of external examiners

The following corps of external examiners is used for the central parts of the MSc programme:

- Corps of External Examiners for Agricultural Science (*jordbrugsvidenskab*).

1.4 Language

The language of this MSc programme is English.

2 Academic profile

2.1 Purpose

The overall purpose of the programme is to educate future environmental economics and policy specialists in the conceptual foundations, analytical skills and methods, and integrated problem-solving techniques of economics and political science in order to successfully design, implement and analyse policy solutions to the complex environmental challenges facing European and international societies today.

Graduates will be fully equipped to work with contemporary environmental challenges at the nexus between environmental economics and environmental policy and politics, effectively taking on one of the most complex and urgently demanding policy areas for EU and its member states in the 21st century: The green transition. This involves, for instance, development as well as practical implementation and operationalisation of the EU's vision of the European Green Deal aiming to achieve the long-term objectives of the EU's Environment Action Programme as well as the UN's Sustainable Development Goals.

2.2 General programme profile

Environmental economics and politics are the key subject areas of the programme, particularly in the applied context of European environmental policy.

During the programme, students will develop broad and professional competences enabling them to:

- Understand central theories and frameworks within both environmental economics and political science,
- Assess the validity of economic statements as well as explaining political processes underlying public policy,
- Perform relevant qualitative as well as quantitative analyses in interdisciplinary settings, using state-of-the-art analytical techniques on a multitude of data sources.
- Understand EU's environmental policy and relate to national implementation across its member states, e.g. in terms of the myriads of issues and decisions that will need to be taken by governments and their implementing agencies, by non-state actors and civil society, and by businesses.
- Communicate policy proposals and assessments to relevant decision-makers.

The programme offered is a two-year Master of Science degree with five different specialisations, all conducted in English and with built-in mobility requirements. A number of compulsory and restricted elective discipline-oriented courses during the first year of study, which for all specialisations take place at University of Copenhagen, ensures that participants obtain a firm and coherent understanding of both environmental economics and political science of relevance to environmental policy. Two of the compulsory courses are specifically designed to ensure that the disciplines are linked and integrated, providing participants with a truly transdisciplinary experience and foundation. Involvement of key actors from the European policy landscape further establish the contextual and firm focus on EU's environmental policy. The five specialisations, each characterized by a specific thematic specialisation and disciplinary focus, provide students with more advanced, individualized, and specialised competence profiles.

Admission of students from all around the world with different scientific backgrounds provides the programme with an interdisciplinary anchoring and an international atmosphere. Teaching is given in the form of lectures, seminars, exercises and tutoring in relation to project work. Project work is often carried out in groups.

2.3 General structure of the programme

The Erasmus Mundus Joint Master is set at 120 ECTS.

The Erasmus Mundus Joint Master in European Environmental Economics and Policy consists of the following elements:

- Specialisation 120 ECTS

The student must choose one of the following specialisations:

- Advanced Environmental Economics (with a second year of study at Heidelberg University (UHD))
- Comparative Environmental Policy (with a second year of study at Heidelberg University (UHD))
- Climate Change and Energy Economics (with a second year of study at University of Milan (UMIL))
- Policies and Politics of Green Transition (with a second year of study at Charles University (CU))
- Economics of Green and Just Transition (with a second year of study at University of Warsaw (UW))

All students start with a foundational first year in Copenhagen, where they acquire and start applying a common transdisciplinary base in environmental economics, policy and politics, accompanied by faculty from all partner universities. In their second year, students deepen and broaden their disciplinary expertise and thematic focus within their chosen specialisation at the other partner universities.

2.4 Career opportunities

The Erasmus Mundus Joint Master in European Environmental Economics and Policy qualifies students to become professionals within business functions and/or areas such as:

- Large to small private companies, at corporate level as well as in innovative startups, engaging in various efforts towards the circular economy and practical implementation of the green transition, in the overall context of sustainability.
- Governmental bodies and public agencies involved in developing, analysing, implementing, managing, and monitoring European and national environmental policies.
- Universities and research institutions where graduates are involved in economic and political research related to sustainability and the green transition.
- A PhD programme.
- Graduates from this programme will often be involved in solving broad-spectrum environmental policy challenges that require interplay between economic analysis, political analysis, a firm understanding of policy in practice, and interdisciplinary teamwork.

3 Description of competence profiles

Students following the Erasmus Mundus Joint Master acquire the knowledge, skills, and competences listed below. Students will also acquire other qualifications through elective subject elements and other study activities.

3.1 Generic competence profile

Graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy have acquired the following regardless of specialisation:

Knowledge about:

- Explain the history, institutions, organisation, and decision-making of the EU.
- Reflect on current environmental policy issues in the EU and related discussions from local to global level, e.g., in relation to the climate crisis.
- Reference the welfare economic foundation of environmental economics.
- Explain environmental economic theories and methods.
- Explain public policy theories and methods.

Skills in/to:

- Develop and reflect on economic regulatory mechanisms and policy instruments and processes to address environmental problems and related policy issues.
- Integrate new scientific results into professional or research activities at a high academic level.
- Assess and justify economic and policy recommendations on environmental and natural resource issues.
- Actively participate in expert discussions and political as well as policy disputes related to the sustainability agenda and the green transition.

- Select and apply relevant theories and methods to analyze current environmental issues and communicate results to relevant policymakers in a political and institutional context.
- Systematically collect and assess scientific evidence in relation to a specific environmental challenge, and subsequently condense and disseminate the established policy-relevant knowledge to policymakers.

Competencies in/to:

- See connections across different environmental and policy issues, understand differences and make trade-offs between possible solutions.
- Plan and coordinate interdisciplinary projects.
- Work effectively in teams or on an individual basis in multidisciplinary environments, showing initiative and personal and leadership responsibility as required.
- Value lifelong learning as a principle and demonstrate the ability for independent learning to structure ongoing learning processes effectively.

3.2 Advanced Environmental Economics (with the second year of study at Heidelberg University)

In addition to the generic competence profile, graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Advanced Environmental Economics have acquired the following:

Knowledge about:

- Demonstrate a familiarity with the allocative and distributive effects of common instruments of environmental policy and their underlying mechanisms, including equilibrium effects.
- Explain advanced instruments of environmental policy and their typical application context, including equilibrium effects.
- Command a working knowledge of techniques for conducting economic experiments and gold-standard trials for evaluating environmental policy options.
- Distinguish between different approaches towards generating scientific evidence to support environmental policy design.

Skills in/to:

- Take an analytical perspective on problems of environmental policy guided by an economics framework, taking into account equilibrium effects.
- Design, implement, and econometrically evaluate laboratory and online experiments for testbedding environmental policy options.
- Design, plan, implement, and econometrically evaluate policy experiments for supporting environmental policy development.
- Prepare high-quality research reports.

Competences in/to:

- Make meaningful decisions on how to arrive successfully at welfare assessments of environmental policy options, taking into account equilibrium effects.
- Independently chart a methodological strategy for testing the evidence base of competing policy proposals
- Independently arrive at an assessment of research out such as field experiments and policy evaluations, showing awareness of equilibrium effects, econometric standards, and questions of causality.
- Plan and execute theoretically grounded and empirically informed research to inform environmental policy.

3.3 Comparative Environmental Policy (with the second year of study at Heidelberg University)

In addition to the generic competence profile, graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Comparative Environmental Policy have acquired the following:

Knowledge about:

- Demonstrate a familiarity with differences in the environmental policy approaches and instruments across the EU member states.
- Command a working knowledge of techniques for comparative case studies and micro-and macro-quantitative analyses.
- Explain the main criteria for effective policy work, that is, disseminating research findings to practitioners.
- Distinguish between different types of democracies and autocracies and explain how they address environmental issues as well as how democratization and autocratization affect policymaking.

Skills in/to:

- Take theoretical perspectives that allow for a systematic comparison of environmental policy approaches and instruments.
- Design, plan, and implement research designs that offer comparative insights along two dimensions: I) comparison across units (e.g. EU member states); II) comparison over time.
- Design, plan, and implement the collection of original data using appropriate methods (e.g., interviews; manual or automated coding of text data, survey data; etc.).
- Evaluate hypotheses or theoretical expectations and reflect critically on the findings obtained in light of the state of research.
- Prepare high-quality research reports and policy documents.

Competences in/to:

- Independently chart a theoretical approach and methodological strategy for the comparative analysis of environmental policy approaches and instruments.
- Plan and execute research activities, including the management of research data.
- Judge and come to an independent assessment of how relevant the empirical findings obtained are in the real world and how the findings can best be presented to appeal to practitioners.

3.4 Climate Change and Energy Economics (with the second year of study at University of Milan)

In addition to the generic competence profile, graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Climate Change and Energy Economics have acquired the following:

Knowledge about:

- Understand the main theoretical models and econometric techniques used in climate change economics.
- Explain energy-related issues using economic theory and methods.
- Understand the fundamental models to study global environmental change and sustainable development from a macroeconomic perspective.
- Understand the international climate change negotiation process, the political drivers of climate policies and their acceptability.

Skills in/to:

- Identify the energy challenge and its economic consequences and suggest policy measures to deal with them.
- Address the sustainability challenge with an integrated perspective, supporting the idea that complexity can be managed.
- Use econometric software to produce insightful and coherent empirical analyses based on econometric theory.
- Prepare high-quality research reports and present them to an audience of experts.

Competences in/to:

- Autonomously develop further knowledge related to energy and communicate economic analyses on energy and natural resources.
- Think in a multi-disciplinary way connecting political, scientific, and economic processes on climate change and sustainability issues.
- Interpret critically the results of the rapidly expanding body of economic literature assessing the effects of climate change and the impact of climate change policies.
- Design or customize a set of indicators of sustainable development to evaluate the level of sustainability of a given country and to evaluate the impact of policy actions.

3.5 Policies and Politics of Green Transition (with the second year of study at Charles University)

In addition to the generic competence profile, graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Policies and Politics of Green Transition have acquired the following:

Knowledge about:

- Understand the contemporary theories, principles, and methods used in the study of public policy, the EU and global institutions, particularly in relation to the green transition.
- Understand environmental policy and the green transition facts and practices in economical, political, administrative, and social contexts.
- Explain environmental policy and green transition problems and their contexts using concepts and theories of policy analysis, policy process research, and policy evaluation (Orientation in Public Policy for Green Transition).
- Explain the institutional set-up, goals, competencies, and policies of the EU and global environmental institutions, in particular concerning EU environmental policy and the green transition (Orientation in European and Global Politics of Green Transition).

Skills in/to:

- Use concepts, theories, and evidence from the study of public policy, the EU, and international institutions to critically and creatively analyze problems, contexts, and decision-making in environmental and green transition policies.
- Formulate solutions to problems existing in environmental and green transition policies using relevant evidence based on accurate collection and analysis of empirical data.
- Design, implement, and evaluate environmental and green transition policies using relevant evidence (Orientation in Public Policy for Green Transition).
- Apply the factual knowledge about the EU and global environmental institutions and the EU to analyze the current development of these institutions (Orientation in European and Global Politics of Green Transition).

Competences in/to:

- Understand the essence and mechanisms of relations among institutions, ideas, and actors in the field of environmental and green transition policymaking.
- Effectively engage in communication strategies and tactics concerning policy and political issues in environmental and green transition policies and aiming at various with stakeholders.
- Actively participate in individual and team activities concerning agenda-setting, formulation, decision-making, implementation, and evaluation of environmental and green transition policies (Orientation in Public Policy for Green Transition).
- Identify key issues and causes of problems concerning inter-state and international environmental cooperation and recommend their solutions (Orientation in European and Global Politics of Green Transition).

3.6 Economics of Green and Just Transition (with the second year of study at University of Warsaw)

In addition to the generic competence profile, graduates holding an Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Economics of Green and Just Transition have acquired the following:

Knowledge about:

- Understand economic mechanisms described by contemporary micro and macroeconomic theories that are critical for the design of just transition.
- Demonstrate familiarity with economic concepts and frameworks for economic analysis (e.g. welfare optimization, fiscal policy)
- Explain the distinction between model projections, forecasts and real economy behavior.
- Understand the potential distributional impacts of key climate policies in the EU.
- Reflect on institutional constraints in implementing new policies, including comprehension of the decision-making process at various levels of public administration.

Skills in/to:

- Use the key analytical tools employed in policy evaluation from an economic perspective: microsimulation models, econometric models, general equilibrium models.
- Analyze the strengths and limitations of various analytical tools (e.g., microsimulations and general equilibrium models) and their outcomes.
- Exploit the complementarity of tools to prepare complete picture of policy impacts.
- Communicate results of analysis in an effective and comprehensible way.

Competences in/to:

- Combine economic theory and results from different analytical models to form a comprehensive judgment on new policy solutions towards a green and just transition.
- Evaluate new policy solutions across multiple dimensions, including their environmental, economic, and social impacts.
- Critically assess evidence provided in reports and papers on economic effects related to low-carbon transition.

4 Admission requirements

In compliance with Ministerial Order on the International Education Activities of Universities (No 247 of 13 March 2015) joint admission requirements and procedures have been established and are implemented by the five partner institutions involved in the delivery of the MSc Programme in European Environmental Economics and Policy.

4.1 Bachelor's degrees that automatically fulfil the academic requirements

Applicants with one of the following Bachelor's or Professional Bachelor's or first cycle degrees automatically fulfil the academic requirements for admission to the Erasmus Mundus Joint Master in European Environmental Economics and Policy:

- Bachelor's degree in Computer Science and Economics, Economics, Environmental and Food Economics, Natural Resources with specialization in Environmental Economics, Political Science, and in Social Science from the University of Copenhagen.
- Bachelor's degree in Political Science or in Economics from the University of Heidelberg
- Bachelor's degree in Environmental Science and Policy (Scienze e politiche ambientali), Economics and Management (Economia e management) or International Politics, Law and Economics (IPLE) from the University of Milan
- Bachelor's degree in Political Science and Public Policy (Politologie a verejna politika), Political Science and International Relations (Politologie a mezinarodni vzťahy), or in Sociology and Social Policy (Sociologie a socialni politika) from Charles University.
- First cycle degree in Ekonomia (Economics), Informatyka i ekonometria (Computer Science and Econometrics), Finanse i Rachunkowość (Finance and Accounting), and Finance, International Investment and Accounting from the University of Warsaw

4.2 Other Bachelor's degrees

Applicants with a Bachelor's degree, Professional Bachelor's degree or equivalent from Danish or international universities other than those listed in 4.1 are qualified for admission to the Erasmus Mundus Joint Master in European Environmental Economics and Policy if the programme includes the following:

- 60 ECTS within economics and/or political science

4.3 Other applicants

The Faculty may also admit applicants who, after an individual academic assessment, are assessed to possess educational qualifications equivalent to those required in Subclause 4.1-2.

4.4 Language requirements

Applicants must be able to document English proficiency corresponding to one of the following:

- upper secondary school degree, bachelor's degree or master's degree in English from Australia, Canada, Ireland, New Zealand, United Kingdom or USA.
- Nordic entrance examination with an English level comparable to the Danish level B or higher
- International Baccalaureate (IB) from an international school
- European Baccalaureate (EB) from one of the approved schools
- English B or A as Single Subject Course in Denmark
- Abiturzeugnis from Germany
- IELTS test score of minimum 6.5

- TOEFL test score of minimum 83
- Cambridge Advanced English (CAE) or Cambridge English: Proficiency (CPE) passed at level C1 or C2

4.5 Supplementary subject elements

The qualifications of an applicant to the Erasmus Mundus Joint Master are assessed exclusively on the basis of the qualifying Bachelor's degree. Supplementary subject elements passed between the completion of the Bachelor's programme and the admission to the Erasmus Mundus Joint Master cannot be included in the overall assessment.

However, subject elements passed before the completion of the Bachelor's programme may be included in the overall assessment. This includes subject elements completed as continuing education as well as subject elements completed as part of a former higher education programme. A maximum of 30 ECTS supplementary subject elements can be included in the overall assessment.

Subject elements passed before completing the Bachelor's programme, which are to form part of the MSc programme to which the student has a legal right of admission (§15-courses) cannot be included in the overall assessment.

5 Prioritisation of applicants

There is no BSc programme with reserved access for this programme.

If the number of qualified applicants to the programme exceeds the number of places available, applicants will be prioritised according to the following criteria:

- Total number of ECTS in relevant courses*
- Grades achieved in relevant courses*

*relevant courses include courses in microeconomics, macroeconomics, econometrics, statistics, mathematics, public economics, environmental economics, resource economics, public policy, public administration, international politics, comparative politics, and international relations.

6 Structure of the programme

The compulsory subject elements, restricted elective subject elements and the thesis constitute the central parts of the programme (Section 30 of the Ministerial Order on Bachelor and Master's programmes (Candidatus) at Universities).

Before the beginning of the Erasmus Mundus Joint Master the student will choose a specialisation. All students complete their first study year (60 ECTS) at the University of Copenhagen, then complete their second year of study (60 ECTS) at either Heidelberg University, University of Milan, Charles University or University of Warsaw as per their specialisation study track.

At Charles University the students choose either Orientation in Public Policy for Green Transition or Orientation in European and Global Politics of Green Transition. The choice of orientation is made at the end of the first year of study in Copenhagen.

6.1 Advanced Environmental Economics (with the second year of study at Heidelberg University)

The specialisation is set at 120 ECTS and consists of the following:

- Compulsory subject elements, 61.5 ECTS.
- Restricted elective subject elements, 28.5 ECTS.
- Thesis work, 30 ECTS.

6.1.1 Compulsory subject elements (University of Copenhagen)

All of the following subject elements are to be covered (37.5 ECTS):

Course Code	Course Title	Block	ECTS
NIFK25004U	Introduction to European Environmental Economics and Policy	Block 1	7.5 ECTS
NIFK25003U	Analysing Public Policy: Institutions, Time and Processes	Block 1	7.5 ECTS
LOJK10282U	Applied Economics of Forest and Nature	Block 2	7.5 ECTS
NIFK13003U	Applied Environmental and Natural Resource Economics	Block 4	7.5 ECTS
NIFK25000U	European Environmental Economics and Policy in Practice	Block 4	7.5 ECTS

6.1.2 Compulsory subject elements (Heidelberg University)

- Compulsory subject elements, 24 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.1.3 Restricted elective subject elements (University of Copenhagen)

22.5 ECTS are to be covered as restricted elective subject elements from the following two lists:

1) 7.5 ECTS are to be covered as subject elements from the following list:

Course Code	Course Title	Block	ECTS
NIFK25002U	Policy Instruments and Design for Sustainable Transition	Block 2	7.5 ECTS
LOJK10229U	Natural Resource Economics	Block 2	7.5 ECTS
NIFK14027U	Consumer Economics and Food Policy	Block 2	7.5 ECTS
NIFK16001U	Economic Efficiency and Benchmarking	Block 2	7.5 ECTS
LFKK10265U	Conflict Management	Block 2	7.5 ECTS

2) 15 ECTS are to be covered as subject elements from the following list:

Course Code	Course Title	Block	ECTS
LOJK10248U	Economic Valuation Methods and Cost-Benefit Analysis	Block 3	7.5 ECTS
NIFK14029U	Motivation and Pro-Environmental Behavior - Managing Change	Block 3	7.5 ECTS
NIFK13006U	The Economics of Climate Change	Block 3	7.5 ECTS
NIFK14003U	Incentives and Regulation	Block 3	7.5 ECTS
LNAK10072U	Global Environmental Governance	Block 3	7.5 ECTS

6.1.4 Restricted elective subject elements (Heidelberg University)

- Restricted elective subject elements, 6 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.1.5 Thesis

The Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Advanced Environmental Economics includes thesis work corresponding to 30 ECTS consisting of a Joint thesis and employment workshop (3 ECTS) and a Master thesis (27 ECTS).

The thesis must be written within the academic scope of the programme and carried out in accordance with the rules defined by the cooperating university (Section 19 of the Ministerial Order on the International Education Activities of Universities).

6.2 Comparative Environmental Policy (with the second year of study at Heidelberg University)

The specialisation is set at 120 ECTS and consists of the following:

- Compulsory subject elements, 61.5 ECTS.
- Restricted elective subject elements, 28.5 ECTS.
- Thesis, 30 ECTS.

6.2.1 Compulsory subject elements (University of Copenhagen)

All of the following subject elements are to be covered (37.5 ECTS):			
Course Code	Course Title	Block	ECTS
NIFK25004U	Introduction to European Environmental Economics and Policy	Block 1	7.5 ECTS
NIFK25003U	Analysing Public Policy: Institutions, Time and Processes	Block 1	7.5 ECTS
LOJK10282U	Applied Economics of Forest and Nature	Block 2	7.5 ECTS
NIFK23010U	Success and Failure in Environmental and Climate Policy	Block 4	7.5 ECTS
NIFK25000U	European Environmental Economics and Policy in Practice	Block 4	7.5 ECTS

6.2.2 Compulsory subject elements (Heidelberg University)

- Compulsory subject elements, 24 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.2.3 Restricted elective subject elements (University of Copenhagen)

22.5 ECTS are to be covered as restricted elective subject elements from the following two lists:

1) 7.5 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
NIFK25002U	Policy Instruments and Design for Sustainable Transition	Block 2	7.5 ECTS
LOJK10229U	Natural Resource Economics	Block 2	7.5 ECTS
NIFK14027U	Consumer Economics and Food Policy	Block 2	7.5 ECTS
NIFK16001U	Economic Efficiency and Benchmarking	Block 2	7.5 ECTS
LFKK10265U	Conflict Management	Block 2	7.5 ECTS

2) 15 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
LOJK10248U	Economic Valuation Methods and Cost-Benefit Analysis	Block 3	7.5 ECTS
NIFK14029U	Motivation and Pro-Environmental Behavior - Managing Change	Block 3	7.5 ECTS
NIFK13006U	The Economics of Climate Change	Block 3	7.5 ECTS
NIFK14003U	Incentives and Regulation	Block 3	7.5 ECTS
LNAK10072U	Global Environmental Governance	Block 3	7.5 ECTS
NIFK25001U	Environmental Policy Integration	Block 3	7.5 ECTS
LFKK10278U	Project Management	Block 3	7.5 ECTS

6.2.4 Restricted elective subject elements (Heidelberg University)

- Restricted elective subject elements, 6 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.2.3 Thesis

The Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Comparative Environmental Policy includes thesis work corresponding to 30 ECTS consisting of a Joint thesis and employment workshop (3 ECTS) and a Master thesis (27 ECTS).

The thesis must be written within the academic scope of the programme and carried out in accordance with the rules defined by the cooperating university (Section 19 of the Ministerial Order on the International Education Activities of Universities).

6.3 Climate Change and Energy Economics (with the second year of study at University of Milan)

The specialisation is set at 120 ECTS and consists of the following:

- Compulsory subject elements, 63 ECTS.
- Restricted elective subject elements, 27 ECTS.
- Thesis work, 30 ECTS.

6.3.1 Compulsory subject elements (University of Copenhagen)

All of the following subject elements are to be covered (45 ECTS):			
Course Code	Course Title	Block	ECTS
NIFK25004U	Introduction to European Environmental Economics and Policy	Block 1	7.5 ECTS
NIFK25003U	Analysing Public Policy: Institutions, Time and Processes	Block 1	7.5 ECTS
LOJK10229U	Natural Resource Economics	Block 2	7.5 ECTS
LOJK10282U	Applied Economics of Forest and Nature	Block 2	7.5 ECTS
NIFK13003U	Applied Environmental and Natural Resource Economics	Block 4	7.5 ECTS
NIFK25000U	European Environmental Economics and Policy in Practice	Block 4	7.5 ECTS

6.3.2 Compulsory subject elements (University of Milan)

- Compulsory subject elements, 18 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.3.3 Restricted elective subject elements (University of Copenhagen)

15 ECTS are to be covered as restricted elective subject elements from the following two lists:

1) 7.5 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
LNAK10072U	Global Environmental Governance	Block 3	7.5 ECTS
NIFB14005U	EU Law - Environment, Agriculture & Food	Block 3	7.5 ECTS

2) 7.5 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
LOJK10248U	Economic Valuation Methods and Cost-Benefit Analysis	Block 3	7.5 ECTS
NIFK14003U	Incentives and Regulation	Block 3	7.5 ECTS
NIFK14032U	Business Development and Innovation	Block 3	7.5 ECTS
LFKK10278U	Project Management	Block 3	7.5 ECTS

6.3.4 Restricted elective subject elements (University of Milan)

- Restricted elective subject elements, 12 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.3.5 Thesis

The Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Climate Change and Energy Economics includes thesis work corresponding to 30 ECTS consisting of Master thesis preparatory stage (3 ECTS), FEEM Energy economics reading group (3 ECTS), Joint thesis and employment workshop (3 ECTS) and Master thesis (21 ECTS).

The thesis must be written within the academic scope of the programme. The thesis must be carried out in accordance with the rules defined by the cooperating university (Section 19 of the Ministerial Order on the International Education Activities of Universities).

6.4 Policies and Politics of Green Transition (with the second year of study at Charles University)

The specialisation is set at 120 ECTS and consists of the following:

- Compulsory subject elements, 54.5 ECTS.
- Restricted elective subject elements, 35.5 ECTS.
- Thesis, 30 ECTS.

6.4.1 Compulsory subject elements (University of Copenhagen)

All of the following subject elements are to be covered (37.5 ECTS):			
Course Code	Course Title	Block	ECTS
NIFK25004U	Introduction to European Environmental Economics and Policy	Block 1	7.5 ECTS
NIFK25003U	Analysing Public Policy: Institutions, Time and Processes	Block 1	7.5 ECTS
LOJK10282U	Applied Economics of Forest and Nature	Block 2	7.5 ECTS
NIFK23010U	Success and Failure in Environmental and Climate Policy	Block 4	7.5 ECTS
NIFK25000U	European Environmental Economics and Policy in Practice	Block 4	7.5 ECTS

6.4.2 Compulsory subject elements (Charles University)

- Compulsory subject elements, 17 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.4.3 Restricted elective subject elements (University of Copenhagen)

22.5 ECTS are to be covered as restricted elective subject elements from the following two lists:

1) 7.5 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
NIFK25002U	Policy Instruments and Design for Sustainable Transition	Block 2	7.5 ECTS
LFKK10265U	Conflict Management	Block 2	7.5 ECTS
NIFK16006U	Participatory Natural Resource Governance	Block 2	7.5 ECTS

2) 15 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
LNAK10072U	Global Environmental Governance	Block 3	7.5 ECTS
NIFK25001U	Environmental Policy Integration	Block 3	7.5 ECTS
LFKK10278U	Project Management	Block 3	7.5 ECTS
NIFK14029U	Motivation and Pro-Environmental Behavior - Managing Change	Block 3	7.5 ECTS

6.4.4 Restricted elective subject elements (Charles University)

- Restricted elective subject elements, 13 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.4.5 Thesis

The Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Policies and Politics of Green Transition includes thesis work corresponding to 30 ECTS consisting of a Master Thesis Diploma Seminar I (15 ECTS), Joint thesis and employment workshop (3 ECTS) and MA Thesis Diploma Seminar II (12 ECTS).

The thesis must be written within the academic scope of the programme. The thesis must be carried out in accordance with the rules defined by the cooperating university (Section 19 of the Ministerial Order on the International Education Activities of Universities).

6.5 Economics of Green and Just Transition (with the second year of study at University of Warsaw)

The specialisation is set at 120 ECTS and consists of the following:

- Compulsory subject elements, 62.5 ECTS.
- Restricted elective subject elements, 28.5 ECTS.
- Thesis, 29 ECTS.

6.5.1 Compulsory subject elements (University of Copenhagen)

All of the following subject elements are to be covered (37.5 ECTS):			
Course Code	Course Title	Block	ECTS
NIFK25004U	Introduction to European Environmental Economics and Policy	Block 1	7.5 ECTS
NIFK25003U	Analysing Public Policy: Institutions, Time and Processes	Block 1	7.5 ECTS
LOJK10282U	Applied Economics of Forest and Nature	Block 2	7.5 ECTS
NIFK13003U	Applied Environmental and Natural Resource Economics	Block 4	7.5 ECTS
NIFK25000U	European Environmental Economics and Policy in Practice	Block 4	7.5 ECTS

6.5.2 Compulsory subject elements (University of Warsaw)

- Compulsory subject elements, 25 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.5.3 Restricted elective subject elements (University of Copenhagen)

22.5 ECTS are to be covered as restricted elective subject elements from the following two lists:

1) 7.5 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
NIFK16005U	Advanced Development Economics	Block 2	7.5 ECTS
LOJK10229U	Natural Resource Economics	Block 2	7.5 ECTS
NIFK23007U	Applied Trade and Climate Policy Models	Block 2	7.5 ECTS
NIFK14027U	Consumer Economics and Food Policy	Block 2	7.5 ECTS
NIFK16001U	Economic Efficiency and Benchmarking	Block 2	7.5 ECTS
LFKK10265U	Conflict Management	Block 2	7.5 ECTS

2) 15 ECTS are to be covered as subject elements from the following list:			
Course Code	Course Title	Block	ECTS
NIFK13006U	The Economics of Climate Change	Block 3	7.5 ECTS
LOJK10248U	Economic Valuation Methods and Cost-Benefit Analysis	Block 3	7.5 ECTS
LNAK10072U	Global Environmental Governance	Block 3	7.5 ECTS
NIFK14029U	Motivation and Pro-Environmental Behavior - Managing Change	Block 3	7.5 ECTS
LFKK10278U	Project Management	Block 3	7.5 ECTS

6.5.4 Restricted elective subject elements (University of Warsaw)

- Restricted elective subject elements, 6 ECTS.

List of subject elements offered as part of the specialisation is published online at www.m3ep.eu.

6.5.5 Thesis

The Erasmus Mundus Joint Master in European Environmental Economics and Policy with a specialisation in Economics of Green and Just Transition includes thesis work corresponding to 30 ECTS consisting of a Joint thesis and employment workshop (3 ECTS), Diploma thesis seminar, work on diploma thesis (23 ECTS, including examination) and Diploma thesis seminar (3 ECTS).

The thesis must be written within the academic scope of the programme. The thesis must be carried out in accordance with the rules defined by the cooperating university (Section 19 of the Ministerial Order on the International Education Activities of Universities).

7 Exemptions

In exceptional cases, the study board may grant an exemption from the regulation on compulsory completion of the second year of study at one of four partner institutions: Heidelberg University, University of Milan, Charles University and University of Warsaw.

In exceptional cases, the study board may grant exemptions from the rules in the curriculum specified solely by the Faculty of Science, University of Copenhagen.

8 Commencement etc.

8.1 Validity

This subject specific section of the curriculum applies to all students enrolled in the programme.

8.2 Transfer

Students enrolled on previous curricula may be transferred to the new one as per the applicable transfer regulations or according to an individual credit transfer by the study board.

8.3 Amendment

The curriculum may be amended once a year so that any changes come into effect at the beginning of the academic year. Amendments must be proposed by the study board and approved by the Dean.

Notification about amendments that tighten the admission requirements for the programme will be published online at www.science.ku.dk one year before they come into effect.

If amendments are made to this curriculum, an interim arrangement may be added if necessary to allow students to complete their MSc programme according to the amended curriculum.

Appendix 1 The recommended academic progression

The table illustrates the recommended academic progression. The student is allowed to plan an alternative progression within the applicable rules.

Table – Specialisation: Advanced Environmental Economics

Period	Block 1	Block 2	Block 3	Block 4
1st year	Introduction to European Environmental Economics and Policy	Applied Economics of Forest and Nature	Restricted elective	Applied Environmental and Natural Resource Economics
	Analyzing Public Policy	Restricted elective	Restricted elective	European Environmental Economics and Policy in Practice
Period	Semester 1		Semester 2	
2nd year	Heidelberg University			

Table – Specialisation: Comparative Environmental Policy

Period	Block 1	Block 2	Block 3	Block 4
1st year	Introduction to European Environmental Economics and Policy	Applied Economics of Forest and Nature	Restricted elective	Success and Failure in Environmental and Climate Policy
	Analyzing Public Policy	Restricted elective	Restricted elective	European Environmental Economics and Policy in Practice
Period	Semester 1		Semester 2	
2nd year	Heidelberg University			

Table – Specialisation: Climate Change and Energy Economics

Period	Block 1	Block 2	Block 3	Block 4
1st year	Introduction to European Environmental Economics and Policy	Applied Economics of Forest and Nature	Restricted elective	Applied Environmental and Natural Resource Economics
	Analyzing public policy	Natural Resource Economics	Restricted elective	European Environmental Economics and Policy in Practice
Period	Semester 1		Semester 2	
2nd year	University of Milan			

Table – Specialisation: Policies and Politics of Green Transition

Period	Block 1	Block 2	Block 3	Block 4
1st year	Introduction to European Environmental Economics and Policy	Applied Economics of Forest and Nature	Restricted elective	Success and Failure in Environmental and Climate Policy
	Analyzing Public Policy	Restricted elective	Restricted elective	European Environmental Economics and Policy in Practice
Period	Semester 1		Semester 2	
2nd year	Charles University			

Table – Specialisation: Economics of Green and Just Transition

Period	Block 1	Block 2	Block 3	Block 4
1st year	Introduction to European Environmental Economics and Policy	Applied Economics of Forest and Nature	Restricted elective	Applied Environmental and Natural Resource Economics
	Analyzing Public Policy	Restricted elective	Restricted elective	European Environmental Economics and Policy in Practice
Period	Semester 1		Semester 2	
2nd year	University of Warsaw			

Appendix 2 Interim arrangements

The Shared Section that applies to all BSc, part-time MSc and MSc Programmes at the Faculty of Science applies to all students.

There are currently no interim arrangements.

Appendix 3 Description of objectives for the thesis

After completing the thesis, the student should have:

Knowledge about:

- Societal as well as scientific problems related to use of environmental and natural resources in a European environmental policy context.
- Theory, methods and models based on international research within the fields of environmental economics, policy and politics that is relevant for dealing with the abovementioned problems in an interdisciplinary setting, and with a particular emphasis within the chosen specialisation.

Skills in/to:

- Apply and critically evaluate theories/methodologies, including their applicability and limitations for specific cases and topics related to the use and management of environment and natural resources in Europe.
- Assess the extent to which the production and interpretation of findings depend on the theory, methodology, data, and the delimitation chosen.
- Communicate objectives, methods, results and conclusion in a clear and comprehensive way, both when targeting scientific peers as well as relevant stakeholders and policy- and decision-makers.
- Discuss results in relation to scientific literature and current policy in the subject area, considering both national and European environmental policy.
- Identify areas for further research based on the thesis findings.

Competences in/to:

- Taking responsibility and solving complex problems and carrying out development assignments in a scientific and potentially interdisciplinary work context where unforeseen situations may arise and require new solutions.
- Independently initiating and performing academic research in the interdisciplinary context of an environmental problem and/or sustainability related societal challenge at local, national, European, and/or global level.
- Taking responsibility for own learning and scientific specialisation.