

Valuation Methods for Natural Resources (I002481)

Course size *(nominal values; actual values may depend on programme)*

Credits 3.0

Study time 90 h

Contact hrs

30.0h

Course offerings in academic year 2022-2023

A (semester 2)

English

Gent

Lecturers in academic year 2022-2023

Morawetz, Ulrich

WIEN03

lecturer-in-charge

Offered in the following programmes in 2022-2023

[International Master of Science in Soils and Global Change \(main subject Soil Biogeochemistry and Global Change\)](#)

crdts

3

offering

A

Teaching languages

English

Keywords

Position of the course

This course introduces students to core theoretical concepts and methodological approaches needed in the study of environmental and resource economics with an emphasis on valuation.

Contents

This lecture based course will cover the basic concepts and methods underlying research on externalities, environmental valuation, and urban spatial structure. There will be particular emphasis on the way in which applied researchers approach and solve problems. The course is divided into sequenced methods oriented components to introduce the foundational methods and applied work in environmental economics. Additional discussion and readings will focus on the intersections and complementarities between these sets of research methods. At the end of this course, you should have the theoretical foundation and familiarity with applied methods to evaluate and critically examine research in the fields of environmental and resource economics.

Initial competences

It is assumed that students have completed at least one introductory course in microeconomics and either statistics or econometrics, and are comfortable with differential and integral calculus.

Final competences

- 1 Upon completion of this course, students will:
 - Be familiar with the concepts and foundations of welfare economics
- 2 Be able to explain differences in economic valuation approaches
- 3 Analyze and interpret market and non-market valuation results
- 4 Apply welfare economic approaches to real-world policies
- 5 Read and synthesize papers in applied welfare economics

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Learning materials and price

References

Phaneuf, Daniel and Requate, Till (2017) A course in Environmental Economics.
Theory, Policy, and Practice.

Course content-related study coaching

Assessment moments

end-of-term assessment

Examination methods in case of periodic assessment during the first examination period

Written examination

Examination methods in case of periodic assessment during the second examination period

Written examination

Examination methods in case of permanent assessment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible

Calculation of the examination mark