Lecturer
Leo Reutter, MSc., MSc.; begleitend: Prof. Dr. Georg von Wangenheim

Class type:
Seminar

Language
English

Prerequisites:
Basic economics

Modules:
NaWi: Ökonomik der Umwelt, Ökonomie von Stadt und Region;
EB&Go: 3B, 6;
WiRe: W1, W3

Content:
Each week we will look at the topic "decarbonizing residential heating" from a different perspective of economics and discuss the respective literature.

- Overview of potentials, costs, challenges regarding the decarbonization of residential heating.
- Overview of institutional barriers that hinder the decarbonization of residential heating.
- Overview of policies to overcome the barriers.
- Insight into research design and methodology of different economic sub-disciplines.

Qualifikationsziele:
- Literature competence
  - Drasp economic literature
  - Evaluate the quality of research articles
  - Comprehend embeddedness of literature
  - Critically identify connections, similarities, and discrepancies between sub-disciplines
- Writing competence
  - Write concisely
  - Produce text in a regular rhythm
  - Abide by formatting guidelines
  - Reference properly
- Speaking competence
  - Convey complex subjects understandably
  - Design longer presentations in an entertaining and informative way
  - Moderate a discussion
Examinatino:
- Written portion (50%):
  - Term paper consisting of “discussion papers” and “framework paper”
  - 11 discussion papers (3% each, sum: 33%)
    - 1 page
    - Ca. 600-1,000 words
    - Short summary of the assigned literature
    - Discussion of the assigned literature, e.g.
      - Did the research question and the matter convince you?
      - What were exceptionally strong arguments?
      - Which arguments were weaker?
      - How do the assigned papers interlink?
      - Potentially: do the assigned papers connect to previously discussed literature?
    - Take-home-message
      - 1 Sentence
        - What did I learn from discussing the assigned literature?
        - This may refer to the content, the methodology, to writing research papers…
    - Reference list
      - Framework paper (17 %)
        - Ca. 4 pages of content + cover page + Table of contents + Reference list over the entire assigned literature
        - Ca. 2,400-4,000 words
        - Contextualizing discussion of the entire assigned literature
          - Connecting the content
          - Developing an own thesis on the topic
          - Assessing the most convincing paper (and why)
          - Assessing the least convincing paper (and why)

- Oral portion (50%) (individual or groups of up to three students)
  - Detailed presentation on one of the assigned papers (25%)
    - 45-60 minutes
    - Detailed presentation
      - Scope of the paper
      - Methodology
      - Results
    - Discussion of all of that week’s assigned literature (see above)
  - Moderating the seminar discussion (15%)
    - 30-45 minutes
    - Preparing discussion questions, policy implications, evaluation theses on the papers
  - Regular and qualified contributions to the discussion (10%)

Grading scheeme:

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<th>Points of 100 possible points: Grade</th>
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<td>0-49: 5</td>
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Assigned literature and recommended literature (preliminary)

- Motivations for energy efficiency investment – owner-occupier

- Economic costs and benefits of energy efficiency investment – owner-occupier

- Modernization behavior in condominiums

- Landlord-tenant-dilemma Overview / Theory

- Landlord-tenant-dilemma landlords’ behavior

- Landlord-tenant-dilemma tenants’ behavior

- Landlord-tenant-dilemma law and economics


Landlord-tenant-dilemma market capitalization of investment


Financing energy efficiency investment


CO₂-taxation


Case Study Sweden


Socio-economic dimension

MacAskill, Stefen; Stewart, Rodney A.; Roca, Eduardo; Liu, Benjamin; Sahin, Oz (2019): Green building, split-incentives and affordable rental housing policy. In Housing Studies 2, pp. 1–23. DOI: 10.1080/02673037.2019.1677861.


Schedule:
TBA
Weekly sessions of 2 hours each

For further information, see moodle.