

Systems perspectives on biomass resources, 2024-2025

Preliminary schedule

Block I – Lectures and workshops, onsite in Luleå

Monday 11 November – Theme: Introduction

- 11.30 Gathering and information
- 12.00 Lunch
- 13.00 Course introduction
- 14.00 Introduction lectures and discussions:
 - Global energy situation and scenarios
 - Why systems analysis and systems perspectives?
- 15.30 Presentations from all participants:
 - Introduction to your research
- 17.00 End of classroom day
- 19.00 Dinner

Tuesday 12 November – Theme: Sustainability and the role of biomass in a sustainable society

- 8.30 Check-in and reflections
- 9.00 Introduction to sustainability and the global sustainability development goals (lectures and joint discussions)
- 11.30 Lunch
- 12.30 Workshop: applying sustainability perspectives to your own research
- 17.00 End of day

Wednesday 13 November – Theme: Taking a systems perspectives approach

- 8.30 Check-in and reflections
- 9.00 Lectures and discussions:
 - Forests and climate change mitigation
 - Ecosystem services
 - Policy, markets and economy
 - Conflicting targets and trade-offs
- 12.00 Lunch
- 13.00 Project introduction
- 14.00 Project workshop and own project work
- 17.00 End of day

Thursday 14 November – Theme: Systems analysis methods and tools

- 8.30 Check-in and reflections
- 9.00 Lectures and discussions:
 - Energy systems modelling
 - Process modelling and process integration
 - Techno-economic and environmental analysis
- 12.00 Lunch
- 13.00 Project work
- 17.00 Pizza and project discussions
- 20.00 End of day

Friday 15 November – Theme: Putting your research in a systems context

- 8.30 Check-in and reflections
- 9.00 Presentations from all participants:
 - Put your research in a systems perspective
- 12.00 Lunch
- 13.00 End of day

Block II (Project work, with final seminar onsite in Luleå)

November 2024 – March 2025

Individual project work, with scheduled update meetings.

Exact time TBD jointly in the group.

Tuesday 11 March 2025

Seminar in Luleå, with project presentations