

- 2 have insights in factors affecting the sustainable supply of raw materials and (technological) solutions for optimising material flows in the different parts of the value chain, and be able to compare them, taking technical and economic aspects as well as social and environmental impacts into account;
- 3 be able to think beyond the boundaries of a single (research) domain or economic sector, and systematically explore and generate new ideas to evolve towards a more sustainable society;
- 4 have awareness regarding global and long-term dimensions of sustainability and a capacity to identify sustainability issues at local, regional and global scales;
- 5 be able to assess environmental and social impacts of different approaches that can be used to increase resource sustainability in the value chain;
- 6 be able to identify the short and long-term future consequences of plans and decisions along the entire value chain from an integrated scientific, economical, ethical and intergenerational perspective, and merge this into a solution-focused approach, moving towards a sustainable society;
- 7 have the ability to make decisions and show leadership

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, lecture, seminar, peer teaching, independent work

Learning materials and price

References

Course content-related study coaching

Evaluation methods

continuous assessment

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

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

Examination methods in case of permanent evaluation

Oral assessment, participation, assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Calculation of the examination mark