COURSE DETAIL

LIFE CYCLE ASSESSMENT
Country Netherlands
Host Institution Utrecht University
Program(s) Utrecht University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 104
UCEAP Course Suffix
UCEAP Official Title LIFE CYCLE ASSESSMENT
UCEAP Transcript Title LIFE CYCLE ASSESMNT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course covers the methods used to assess the environmental impact of products from a life cycle perspective. The central topic is Life Cycle Assessment (LCA), a method with which the environmental impacts of products are assessed starting from resource extraction and ending with waste management. The course addresses theoretical foundations of this method and developments in the methodology, including examples and case studies. Students learn LCA principles, the methods used, and recent developments in LCA methodology. Students apply LCA with computer tools and using LCI databases. They conclude their own LCAs and critically review existing LCA studies.

Language(s) of Instruction
English

Host Institution Course Number
GEO3-2124

Host Institution Course Title
LIFE CYCLE ASSESSMENT

Host Institution Course Details
https://osiris.uu.nl/osiris_student_uuprd/OnderwijsCatalogusSelect.do?selectie=...

Host Institution Campus
Geosciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Sustainable Development

Course Last Reviewed
2020-2021

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