

Minor international circular and sustainable agri-food supply chains (AIFL)

Coordinator		KAE		Study Points		15
Elements	ECTS	Course	Mode of Exam	Exam in Period	Literature	
AIFL11	4	Professional Task: Project international agrifood supply chains	Assessment and LSS yellow belt	2	www.skoledo.com (lean six sigma yellow belt)	
AIFL12	2	Circular supply chain in practice: Management Game	Assignment	2	Management simulation game Inchange. Ed Weenk, Mastering the circular economy, ISBN 9781398602748	
AIFL13	3	Circular and sustainable agri-food supply chains	Assessment	2	Material provided by the Lecturer	
AIFL14	3	Circular economy	Written exam	2	Ed Weenk , Mastering the circular economy, ISBN 9781398602748 Material provided by the lecturer.	
AIFL15	3	Managerial accounting in supply chain management	Assessment	2	Supply Chain Strategy and Financial Metrics Bram DeSMET 3rd edit 2018 ISBN 9780749482572 Material Provided by the Lecturer	

Pre-requisites	Completed 3-years of studies in a field related to economics/agribusiness/food sector. Basic of supply chain management is required for this minor. (for basic SCM see minor ASCM)
Professional Task	Supply Chain Consultant or Supply Chain Manager
Professional Role	Adviser working in the fields of supply chain management
Method of Instruction	Lectures (Teacher and Guests), excursions, simulation tool, individual coaching and practical experience in the field of supply chain
Learning Objectives	
International agri-food supply chains	<ul style="list-style-type: none"> The student is able to analyse, design and to evaluate the functioning of circular and sustainable agri-food supply chains and to determine suggestions for improvement including implementations plans, while operating within a company and throughout the entire supply chain.
Circular and sustainable supply chains	<ul style="list-style-type: none"> The student understands the structure of a circular and sustainable supply chains within the agri-food industry.
Circular economy	<ul style="list-style-type: none"> The student understands how to apply circularity and is able to develop models to implement closed loop supply chain. The student can implement the transformation to a closed loop supply chain using a business game.
Managerial Accounting	<ul style="list-style-type: none"> The student is able to understand financial activities and to apply costs calculations in supply chain management

Aeres-competencies:

2. To cooperate either with student group members and also with professionals in the business

4. To research (level 3) assessed by means of the final report for the proof of proficiency, student identifies, describes and problems and the sources of the problem within the food value chain. The information gathered will be represented in the learning tasks. The final report consists of the improved learning tasks.

5. To innovate (level 3) assessed by means the final report for the proof of proficiency, where students are stimulated to find innovative solutions to problems and provide recommendations for the problems they discovered during the analysis of circular and sustainable agri-food supply chains.

6. To organise .

End qualifications

5. Management of organizations, processes and project and people
6. Effective cooperation and communication in a multidisciplinary and intercultural environment
9. Optimizing logistics and managing the quality in agri-food chains