

Course description

Winter & Summer Schools

GENERAL DATA

Course Unit Title	The Digital Flow: How to sustainably design digital processes and future proof supply chains		
Module			
Course Unit Code	IFLV6598	Type of Course Unit	ILV
Level of Course Unit	Bachelor	Year of Study	
Semester	Spring 2026	ECTS Credits allocated	5

SPECIAL INFORMATION

Name of Lecturer	FH-Prof. Dr. Reinhard Bernsteiner, Arno Rottensteiner, BA MA		
Objective of the Course (Learning Outcomes)	<p>Through your active participation in this course, you will reach the following learning objectives and goals. You</p> <ul style="list-style-type: none">• know how to identify and manage relevant business processes• know how to model and describe digital processes in a standardized way• can critically reflect on current challenges in process management• know the central terms and concepts of operations and supply chain management.• have an understanding of different sourcing and production processes, their specific characteristics and their application in business• know the central functions of logistics, especially in the context of a supply chain• have an understanding on sustainability in logistics and operations management		
Course Contents	<ul style="list-style-type: none">• How to manage digital processes• Process Identification and Modeling• Process Analysis• Process Simulation game• Introduction to Supply Chain Management• Operations Management• Supply and Inventory Management• Sustainability in Supply Chain Management		
Recommended Reading	Details will be provided in the respective course sections		
Planned Learning Activities and Teaching Methods	The course comprises an interactive mix of lectures, discussions and individual and group work.		
Assessment Methods and Criteria	Case Study		
Language of Instruction	English		