Modulmaske für kompetenzorientierte Modulbeschreibungen

Modulbezeichnung	Logistics & Operations Strategy
Modulbezeichnung in Englisch	Logistics & Operations Strategy
Qualifikationsstufe/Geberstudien-gang	Master
Modulnummer	[wird vom Prüfungsamt vergeben]
federführende Fakultät	WFI
Modulverantwortliche/r	Prof. Dr. Pirmin Fontaine
Leistungspunkte (ECTS-Punkte)	2.5 ECTS
Kompetenzen	Students ▪ develop a fundamental understanding of strategic business decision and analysis in the area of logistics. ▪ have a basic understanding of economical decision and analytical logistics and operations problems. ▪ are able to apply operations research methods for decision support for these problems ▪ can interpret and evaluate optimization results.
Inhalte/Themen	Topics discussed in this module are: • Logistics decisions under competition • Inventory decisions • Capacity strategy planning The considered topics are modelled as mixed-integer linear programs or analytical derivations are used to derive closed-form solutions. To provide decision support, heuristics and exact approaches are discussed.
formale Voraussetzungen für die Teilnahme	Basic knowledge in business and economics, otherwise no special entry requirements
Lehr- und Prüfungssprache	English
Lehr- und Lernformen/Lehrveranstaltungstypen	Vorlesung (VL) (1 SWS) / Übung (UE)(1 SWS)
Voraussetzungen für die Vergabe von ECTS-Punkten	Passed exam
Zeitaufwand/Verteilung der ECTS-Punkte	18 h = Time of attendance lecture 27 h = Preperation and postprocessing lecture 30 h = Exam preperation --- 75 h = Total workload

Modulnote	100 % Exam (30min)
Polyvalenz mit anderen Studien-gängen	Master BWL
Turnus des Angebots	Summer School
Beteiligte Fachgebiete	
Bemerkungen	Literature Chopra, S. and P. Meindl, Supply Chain Management: Strategy, Planning, and Operation, 6th edition, Upper Saddle River (Prentice Hall) 2015. Nahmias, St., Production and Operations Analysis, 7th edition, Boston (McGraw Hill) 2015.