

Seminar: Robustness of International Supply Chains

Lecturer	Dr. Janina Rösch
Conditions of participation	In terms of form: None
	In terms of content: None
Examination	Scientific paper
Pre-examination requirements	Active participation in group discussions, presentation of the scientific paper
Part of final grade	Yes
Learning outcomes / competencies	<p>The students shall be able to answer a specific scientific question within a paper in English language, using relevant methods and means of scientific writing.</p> <p>In addition, they gained insights about the robustness of international supply chains and effects of worldwide crises.</p> <p><u>Knowledge/Understanding:</u></p> <p>The students know and understand the fundamentals of science and research and how they are applied to scientific papers. They learned correct citation and formatting of a scientific paper.</p> <p>In addition, they have an overview on worldwide crises with effects on international supply chain in several industries.</p> <p><u>Abilities/Transfer:</u></p> <p>The students can properly answer relevant research questions within a study paper.</p> <p>In addition, they can identify weak points and action fields to create stable supply chains.</p>
Contents	<p>Part I:</p> <p>Introduction to the philosophy of science and standards in scientific writing (e.g., bachelor thesis).</p> <p>Part II:</p> <p>Effects on international supply chains and aspects of robust supply chains and basics of risk management.</p> <p>Part III:</p> <p>Introduction in preparation of presentation of own research results.</p>

Media	Beamer with Laptop, Blackboard, Visualizer, Computer
Literature	<ul style="list-style-type: none">• Gower, B. (2014): Scientific Method. An Historical and Philosophical Introduction, New York: Routledge.• Skern, T. (2009): Writing Scientific English. A Workbook, Wien: UTB GmbH.• Dmitry Ivanov et al. (2019): Ripple Effect in the Supply Chain: Definitions, Frameworks and Future Research Perspectives• Dr. Aravind Raj Sakthivel et al. (2021): Managing Supply Chain Risk and Disruptions: Post COVID-19