

DEREE COLLEGE SYLLABUS FOR: LM 4660 CAPSTONE PROJECT IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

(Updated Fall 2021)

UK LEVEL: 6
UK CREDITS: 15
US CREDITS: 3/0/3

PREREQUISITES: BU 3233 Business Research Methods
LM 2020 Introduction to Logistics and Supply Chain management
LM 3025 Logistics Systems
MA 1008 College Algebra
MA 2021 Applied Statistics
MG 2003 Management Principles
Students must have at least 90 earned US credits before taking this course

CATALOG DESCRIPTION: Qualitative or quantitative research into a topic related to logistics and supply chain management.

RATIONALE: The capstone course enables students to apply their knowledge on a research topic in logistics and supply chain management, which they select in consultation with the instructor. Students are expected to conduct independent research which is supervised through seminar-style tutorials. This course is geared toward reinforcing students' academic qualities, through recognizing relevant paradigms/theories in logistics and supply chain management and developing a critical and analytical perspective in terms of both theory and practice. Hence, the course prepares students for postgraduate studies.

LEARNING OUTCOMES: On successful completion of this course, students should be able to:

1. Design a research strategy and select appropriate research methods to conduct research in the field of logistics and supply chain management.
2. Assess the validity of research findings and conclusions against logistics and supply chain management practice and the broader theoretical assumptions and debates.
3. Formulate scenarios and recommend actions to logistics and supply chain management professionals to enhance individual and/or organizational performance.

METHOD OF TEACHING AND LEARNING: In congruence with the learning and teaching strategy of the college, the following tools are used:

- Seminar-style class sessions which are devoted to supervising student research projects, including discussion of research topics in international business, tutorials on conducting research and feedback on student work.
- Office Hours: Students are encouraged to make full use of the office hours of their instructor in order to consult and discuss issues related to the course's content.
- Use of blackboard platform, where instructors post lecture notes, assignments instructions, timely announcements, as well as additional resources.

<p>ASSESSMENT:</p>	<p>Summative:</p> <table border="1" data-bbox="527 79 1404 121"> <tr> <td>Major Written Project; Individual; 4,500-5,500 words</td> <td>100%</td> </tr> </table> <p>Formative:</p> <table border="1" data-bbox="527 178 1404 241"> <tr> <td>Course work: Interactive group discussions and feedback sessions on work submitted</td> <td>0%</td> </tr> </table> <p>The formative coursework aims to prepare students for the major written project.</p> <p>The major written project tests Learning Outcomes 1, 2, and 3.</p> <p>All human research related activities must be in full compliance with the current American College of Greece (ACG) Institutional Review Board (IRB) policies and procedures while maintaining compliance with professional codes of conduct and legal statutes. If the field research of the capstone project involves human subjects, students are required to submit a proposal to the ad hoc Ethics Committee of the School of Business and Economics. The proposal must comply with the guidelines provided by the IRB. The proposal must be approved by the module instructor before its submission to the ad hoc committee.</p> <p>Students are required to resit failed assessments in this module.</p>	Major Written Project; Individual; 4,500-5,500 words	100%	Course work: Interactive group discussions and feedback sessions on work submitted	0%
Major Written Project; Individual; 4,500-5,500 words	100%				
Course work: Interactive group discussions and feedback sessions on work submitted	0%				
<p>INDICATIVE READING:</p>	<p>RECOMMENDED READING:</p> <p>Students are required to delve into the logistics and supply chain management literature. The articles below are indicative of the topics, as well as type of readings that students are expected to discuss in their capstone project.</p> <p>ARTICLES:</p> <p>Ali, I. and Gölgeci, I. (2019), "Where is supply chain resilience research heading? A systematic and co-occurrence analysis", <i>International Journal of Physical Distribution & Logistics Management</i>, Vol. 49 No. 8, pp. 793-815.</p> <p>Bak, O. (2018), "Supply chain risk management research agenda: From a literature review to a call for future research directions", <i>Business Process Management Journal</i>, Vol. 24 No. 2, pp. 567-588.</p> <p>Chauhan, C. and Singh, A. (2018), "Modeling green supply chain coordination: current research and future prospects", <i>Benchmarking: An International Journal</i>, Vol. 25 No. 9, pp. 3767-3788</p> <p>Datta, P. (2017), "Supply network resilience: a systematic literature review and future research", <i>International Journal of Logistics Management, The</i>, Vol. 28 No. 4, pp. 1387-1424.</p> <p>Dixit, A., Routroy, S. and Dubey, S. (2019), "A systematic literature review of healthcare supply chain and implications of future research", <i>International Journal of Pharmaceutical and Healthcare Marketing</i>, Vol. 13 No. 4, pp. 405-435.</p> <p>Dörnhöfer, M. and Günthner, W. (2017), "A research and industry perspective on automotive logistics performance measurement", <i>International Journal of Logistics Management, The</i>, Vol. 28 No. 1, pp. 102-126.</p>				

Dubey, R., Gunasekaran, A. and Papadopoulos, T. (2017), "Green supply chain management: theoretical framework and further research directions", *Benchmarking: An International Journal*, Vol. 24 No. 1, pp. 184-218.

El Baz, J., Laguir, I. and Stekelorum, R. (2019), "Logistics and supply chain management research in Africa: A systematic literature review and research agenda", *International Journal of Logistics Management, The*, Vol. 30 No. 1, pp. 8-38.

Eriksson, D. and Engström, A. (2021), "Using critical realism and abduction to navigate theory and data in operations and supply chain management research", *Supply Chain Management*, Vol. 26 No. 2, pp. 224-239.

Fan, Y. and Stevenson, M. (2018), "A review of supply chain risk management: definition, theory, and research agenda", *International Journal of Physical Distribution & Logistics Management*, Vol. 48 No. 3, pp. 205-230.

Hofmann, E., Sternberg, H., Chen, H., Pflaum, A. and Prockl, G. (2019), "Supply chain management and Industry 4.0: conducting research in the digital age", *International Journal of Physical Distribution & Logistics Management*, Vol. 49 No. 10, pp. 945-955.

Jahre, M., Pazirandeh, A. and Van Wassenhove, L. (2016), "Defining logistics preparedness: a framework and research agenda", *Journal of Humanitarian Logistics and Supply Chain Management*, Vol. 6 No. 3, pp. 372-398.

Kovacs, G. and Falagara Sigala, I. (2021), "Lessons learned from humanitarian logistics to manage supply chain disruptions". *Journal of Supply Chain Management*, Vol. 57, pp. 41-49.

Kovacs, G., Moshtari, M., Kachali, H. and Palsa, P. (2019), "Research methods in humanitarian logistics", *Journal of Humanitarian Logistics and Supply Chain Management*, Vol. 9 No. 3, pp. 325-331

Kunz, N. (2019), "An automated quantitative content analysis process for humanitarian logistics research", *Journal of Humanitarian Logistics and Supply Chain Management*, Vol. 9 No. 3, pp. 475-491.

Kunz, N., Van Wassenhove, L., Besiou, M., Hambye, C. and Kovács, G. (2017), "Relevance of humanitarian logistics research: best practices and way forward", *International Journal of Operations & Production Management*, Vol. 37 No. 11, pp. 1585-1599.

Lagorio, A., Pinto, R. and Golini, R. (2016), "Research in urban logistics: a systematic literature review", *International Journal of Physical Distribution & Logistics Management*, Vol. 46 No. 10, pp. 908-931

Leiras, A., de Brito Jr, I., Queiroz Peres, E., Rejane Bertazzo, T. and Tsugunobu Yoshida Yoshizaki, H. (2014), "Literature review of humanitarian logistics research: trends and challenges", *Journal of Humanitarian Logistics and Supply Chain Management*, Vol. 4 No. 1, pp. 95-130

Lukosch, H. and Comes, T. (2019), "Gaming as a research method in humanitarian logistics", *Journal of Humanitarian Logistics and Supply Chain Management*, Vol. 9 No. 3, pp. 352-370.

Martinelli, E. and Tunisini, A. (2019), "Customer integration into supply chains: literature review and research propositions", *Journal of Business & Industrial Marketing*, Vol. 34 No. 1, pp. 24-38.

	<p>Russo, I., Confente, I., Gligor, D. and Cobelli, N. (2019), "A roadmap for applying qualitative comparative analysis in supply chain research: The reverse supply chain case", <i>International Journal of Physical Distribution & Logistics Management</i>, Vol. 49 No. 1, pp. 99-120.</p> <p>Srinivasan, M., Hamdani, M. and Ma, S. (2021), "Four supply chain management systems: From supply chain strategies to human resource management", <i>Business Horizons</i>. DOI: 10.1016/j.bushor.2020.11.006.</p> <p>Stentoft, J. and Rajkumar, C. (2018), "Balancing theoretical and practical relevance in supply chain management research", <i>International Journal of Physical Distribution & Logistics Management</i>, Vol. 48 No. 5, pp. 504-523.</p> <p>Tanco, M., Escuder, M., Heckmann, G., Jurburg, D. and Velazquez, J. (2018), "Supply chain management in Latin America: current research and future directions", <i>Supply Chain Management</i>, Vol. 23 No. 5, pp. 412-430.</p> <p>Treiblmaier, H. (2018), "The impact of the blockchain on the supply chain: a theory-based research framework and a call for action", <i>Supply Chain Management</i>, Vol. 23 No. 6, pp. 545-559.</p> <p>Wang, Y., Han, J. and Beynon-Davies, P. (2019), "Understanding blockchain technology for future supply chains: a systematic literature review and research agenda", <i>Supply Chain Management</i>, Vol. 24 No. 1, pp. 62-84.</p> <p>Zhong, R., Xu, X. and Wang, L. (2017), "Food supply chain management: systems, implementations, and future research", <i>Industrial Management & Data Systems</i>, Vol. 117 No. 9, pp. 2085-2114.</p>
INDICATIVE MATERIAL: (E.g. audiovisual, digital material, etc.)	REQUIRED MATERIAL: N/A RECOMMENDED MATERIAL: N/A
COMMUNICATION REQUIREMENTS:	Use of appropriate academic conventions as applicable in oral and written communications.
SOFTWARE REQUIREMENTS:	MS Office
WWW RESOURCES:	<p>Students are expected to use the internet at their own discretion to select information on the module. Useful sources include:</p> <p>www.napm.org www.itsa.org www.clml.org www.logisticsworld.com www.logistics-management.gr www.logisticsonline.com www.ReutersBusinessInsight.com/login.asp www.Capterra.com www.kmtbrrr.com/index.php?option=com_content&task=view&... www.spitrans.com/services/logistics-management.asp www.leanrapid.com/supplychain/logistics_management.asp www.jobisjob.com/logistics+management+specialist/jobs www.lmslogistics.com/awards.asp www.securitypackaging.com/reverse-logistics-management.php www.getlogisticsmanagementjobs.com</p>
INDICATIVE CONTENT:	1. Research topics in the field of logistics and supply chain

management

2. Developing a research proposal
3. Conducting literature review - writing theory
4. Developing a conceptual research model
5. Qualitative and quantitative research and design of field research
6. Design of interviews/questionnaires for field research
7. Interviewing skills and techniques
8. Analysing collected data
9. Reporting research findings