Course Title	**Commodity Trading and Risk Management**				
Course Code	**DLITSM 519**				
Course Type	**Elective**				
Level	**MSc (Level 2)**				
Year / Semester	**1st Year / 2nd Semester**				
Teacher's Name	**Dr Nikos Droushiotis**				
ECTS	**6**	**Lectures / week**	**2**	**Laboratories/week**	**NONE**
Course Purpose	Commodities are one of the most important asset classes; they constituted the earliest form of trades and continue to play an important role to our economy and industry. This course aims to provide the students with the knowledge and skills to understand the commodity markets, the established network routs connecting production and demand, and to realize their potentials. While all commodities are discussed, the course particularly focuses on energy commodities and management of their risks.				
Learning Outcomes	By the end of the course, the students should be able to: • Understand the key energy commodities and their unique characteristics; • Review and develop a critical understanding on EU energy security and energy market; • Critical understanding on energy-specific commodities such as LNG and Natural Gas pipeline network; • Discuss and review macroeconomics and geopolitical factors that affect the energy economics.				
Prerequisites	NONE		Co-requisites	NONE	
Course Content	Indicative Course Content • Oil, LNG and pipeline gas fundamentals; • EU natural gas pipeline and LNG network; • Energy commodities hubs, prices, supply and demand forecast; • Energy risk management.				

Teaching Methodology	Power point presentations and material on energy commodities; Reports about energy security; Articles and Studies on EU Energy Strategy; Visiting Websites and YouTube channels; Engage in group exercises and analysis of real case studies.
Bibliography	Textbooks: The Economics of the Gas Supply Industry, by Malcolm Abbott, 2016. Liquefied Natural Gas: The Law and Business of LNG Hardcover, by Paul Griffin, 2017. References: Natural Gas, by Rawi Abdelal, Sogomon Tarontsi, 2012. Energy Security in Europe (A): Nord Stream, by Rawi Abdelal, Sogomon Tarontsi, 2013. Energy Security in Europe (B): The Southern Corridor, by Rawi Abdelal, Sogomon Tarontsi, 2013. Turkey and the Southern Corridor, by Rawi Abdelal, Esel Cekin, Cigdem Celik, 2015. Dutch Natural Gas and the Groningen Field: The Creation of a New Industry, by Andrew C. Inkpen, 2015. The U.S. Shale Revolution: Global Rebalancing? by Laura Alfaro, Richard H.K. Vietor, 2017. Cheniere's LNG Liquefaction Strategy: Pushing the Boundaries of the Project Finance Debt Market, by Paul Tice, Ingo Walter, 2017. The United States and Russia: Gas Rivals in Europe? by Rawi Abdelal, Galit Goldstein, Paul Apostolicas, 2019. The Global Oil and Gas Industry, by Andrew C. Inkpen, 2020. Structured Products for Retail Investors: Bank of China and the Negative Oil Price, by Huiyan Qiu, Tsun-kan Wan, 2020.
Assessment	Assignments 40% Final Exam 60%
Language	English