

Course Title	Research Methods in Accounting and Finance				
Course Code	ACF 420				
Course Type	Compulsory				
Level	Undergraduate				
Year / Semester	Year 4 / Semester 7				
Teacher's Name	Polina Ellina/Aristeidis Samitas				
ECTS	6	Lectures / week	3	Laboratories / week	
Course Purpose and Objectives	This course is design to equip students with all the knowledge and skills that are needed to conduct quantitative research projects in Accounting and Finance. Students would be able to use statistical tools and techniques to analyze data and interpret the findings using financial theory. This is a course that well designed to prepare students to conduct a dissertation.				
Learning Outcomes	<p>Upon completion of the course, students will be able to</p> <ul style="list-style-type: none"> ▪ Demonstrate knowledge of a particular financial topic ▪ Search and summaries scientific literature ▪ Demonstrate an understanding of the components of research and the types of research ▪ Recognize how to avoid plagiarism in research ▪ Enhance the ability to develop a research problem into research proposal. ▪ Identify the process to be used in the independent research project ▪ Understand the key econometric techniques to conduct an empirical analysis ▪ Determine the research hypothesis and apply the econometric techniques ▪ Use statistical programs and develop practical and technical skills. ▪ Analyze the research results through data collection ▪ Evaluate the research difficulties and limitations ▪ Work on group projects, present the data on Tables and interpret the findings. 				
Prerequisites	MAT 201, MAT 202, ACF 311, ACF 312	Required	NONE		
Course Content	<ul style="list-style-type: none"> ▪ Simple and multiple linear regression 				

	<ul style="list-style-type: none"> ▪ Time series analysis, ▪ Modelling volatility, ▪ How to write a Research Proposal, ▪ Develop an empirical research project, ▪ Literature review, ▪ Hypothesis development, ▪ Databases in Accounting and Finance research, ▪ Issues with regards to data, ▪ Panel Data, ▪ Review papers related in Finance.
Teaching Methodology	<ul style="list-style-type: none"> ▪ Lectures coupled with case study teaching and discussion ▪ Reading and resolving problems ▪ Working on problem-solving and case studies ▪ Solving unstructured questions and case studies ▪ Brief oral presentation before starting a new chapter and reply to queries from students ▪ Homework for revision purposes ▪ Interaction and collaborative learning ▪ Guest speakers
Bibliography	<ul style="list-style-type: none"> ▪ Introductory Econometrics: A Modern Approach Jeffrey Wooldridge South-Western Cengage Learning 5th edition 2013 ▪ Stata Guide to Accompany Introductory Econometrics for Finance (October 1, 2019). Brooks, Chris. Introductory Econometrics for Finance. Schopohl, Lisa and Wichmann, Robert and Brooks, Chris Cambridge University Press 2019 ▪ Ryan, B., Scapens, R. W., & Theobald, M. (2002). Research method and methodology in finance and accounting. ▪ Relevant bibliography on the student's research topic and workplace environment
Assessment	<ul style="list-style-type: none"> ▪ Problems / Homework (15%) ▪ Coursework (35%) ▪ Final Exam (50%)
Language	English