

* Course Keywords	Data analytics, empirical research, quantitative research, statistics, econometrics					
* 1. Purpose of Course	Korean	국제통상 세미나 2 (실증분석 연구프로젝트를 위한 데이터 분석)				
	English	Topics in International Commerce (8751.821): Data Analytics for Empirical Research				
* 2. Materials and Reference	Materials and Reference: Agresti, Franklin, and Klingenberg, <i>Statistics: The Art and Science of Learning from Data</i> Daniels and Minot, <i>An Introduction to Statistics and Data Analysis Using Stata</i> Stock and Watson, <i>Introduction to Econometrics</i> <i>Impact Evaluation in Practice</i> , Second Edition (World Bank, Inter-American Development Bank) * This book is available for free at https://www.worldbank.org/en/programs/sief-trust-fund/publication/impact-evaluation-in-practice Angrist and Pischke, <i>Mostly Harmless Econometrics: An Empiricist's Companion</i> Angrist and Pischke, <i>Mastering 'Metrics</i>					
* 3. Evaluation Method	Evaluation: Absolute Evaluation, Grade-on-a-curve Evaluation					
	Grading Type: A~F					
	Evaluation Items	Attendance	Presentations/Assignment	Final paper	Attitude	Total
	Rate	10	40	30	20	100%
	Note		Individual presentations and assignments			
	Attendance Policy : Students who are absent for over 1/3 of the class will receive a grade of 'F' or 'U' for the course (Exceptions can be made when the cause of absence is deemed unavoidable by the course instructor).					
	Other: Cheating regulation, Plan for substitute test, Availability of feedback for assignments or tests, etc.					
* 4. Quota Exceeding Course Registration	Capacity: Up to 10 Students					
5. Guideline for Students	Korean	선이수 교과목 등 수강 시 필요 사항 본 과목은 M2050.001200 (국제통상 데이터 분석) 또는 (국제개발 정책평가) 과목을 수강한 학생들만 수강 가능함. 단, 양적연구 능력에 관하여 학생의 역량이 확인된 경우, 면제 가능함. 수강을 위해서, 교수님의 사전동의가 필요함. 만약 수강을 원할 경우, 김경현 조교에게 2022년 2월 10일까지 자신의 CV와 학기동안 수정, 마무리하고 싶은 논문을 제출해야함. 제출 후, 3일이내로 확인 메일이 발송될 예정.				
		면담시간 및 장소 : 비대면 ** 김경현 조교 (hyun893@snu.ac.kr) 에게 사전 문의				
	English	Prerequisite: This class is only open to those who have successively taken M2050.001200 (Data Analytics				

		<p>for International Commerce), or M2050.001000 (Impact Evaluation for Development Policies). An exemption may be granted if a student demonstrates his/her capability regarding quantitative research skills.</p> <p><u>For enrollment, you need to get the instructor's approval. If interested, please email your CV and the research paper you want to complete during the course to the TA (Ms. Kim Kyung Hyun) by February 10th, 2022. We will get back to you in 3 business days for confirmation.</u></p>
		<p>Office Hours and Place: Online</p> <p>** check the availability with the TA, Ms. Kyung Hyun KIM (hyun893@snu.ac.kr) in advance</p>
* 6. Lecture Plan	Teaching Method Project class	
	Korean	<p>본 과목은 수강생의 데이터 분석을 기반으로 한 논문/연구 프로젝트에 도움을 주며, 효과적으로 논문을 작성하여 발표하게 하는 것을 목적으로 한다. 각 수강생들이 청중에게 논문의 동기를 부여하고, 그들의 데이터 분석 방법과 그 결과를 제시하며, 마지막으로, 잠재적인 고용주들을 효과적으로 설득하는 방법에 대해 배울 수 있는 수업들로 구성되어있다. 또한, 수강생들의 논문/연구 프로젝트와 관련된 다양한 양적 방법에 대해 강의가 진행될 것이다.</p>
	English	<p>The course objective is to help enrollees advance their thesis/research projects based on data analytics and to effectively write and present their papers to the audience in high stake situations.</p> <p>I designed a series of class exercises through which the enrollees will learn effective ways to motivate their theses to the audience, explain their methods and results, and finally how to convince their usages to potential employers. During the course, I may give lectures on quantitative methods that are relevant to the enrollees' projects.</p>
	Class Schedule	
	Week	Topics and Contents
	1	<p>Introduction</p> <p>Group Exercise</p> <p>Video lectures: Career Development and Academic Research</p>
	2	Presentation: Model paper (1/2)
	3	Presentation: Model paper (2/2)
	4	<p>Video lecture:</p> <ul style="list-style-type: none"> - institutional background - data, sample, sample statistics, results - empirical framework <p>Q&A regarding data analytics</p>
	5	<p>Peer review on research papers</p> <ul style="list-style-type: none"> - parts regarding the research question and institutional background <p>Video lecture: presentation, slides</p> <p>Q&A regarding data analytics</p>
	6	Peer review on research papers

		<ul style="list-style-type: none"> - parts regarding empirical framework, data, and sample Video lecture: data, graph, figures Q&A regarding data analytics
	7	Peer review on research papers <ul style="list-style-type: none"> - parts regarding results and contribution to the literature Video lecture: refereeing an academic paper
	8	Final Paper
	9	Referee
	10	Final Paper feedback
	11	TBA Final paper -revised version due
	12	Presentation: Final paper
	13	Presentation: Final paper
	14	TBA
	15	Closing Review
7. Support Services for Students with Disabilities ※ You can modify these default contents.	For Lectures	<ul style="list-style-type: none"> ○ Visual Impairment: Make textbooks(digital textbook, braille textbook, enlarged textbook etc.), Allow note takers ○ Physical Disability: Make textbooks(digital textbook), Allow note takers and assistants ○ Hearing Impairment: Allow note takers and translators, Allow lecture recording ○ Health Impairment: Excuse absence due to health problems, Allow note takers ○ Learning Disability: Allow note takers ○ Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors
	For Assignments & Evaluations	<ul style="list-style-type: none"> ○ Visual Impairment / Physical Disability / Hearing Impairment / Health Impairment / Learning Disability: Extend assignment deadlines, Offer alternate assignment submission and response method, Extend testing period, Offer alternate testing method, Offer different testing room ○ Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations
	Other	Students who take this course can get appropriate level of support service including the support listed above depending on the students' individual characteristics and needs through consultation with professors and the Support Center for Students with Disabilities. If you have any questions concerning support service for students with disabilities you can contact Professor *** (02-880-****) or Support Center for Students with Disabilities (02-880-8787).
8. Guidelines for COVID-19 confirmed cases during face-to-face class	Class	Switch to non-face-to-face classes when there are confirmed cases. ※ According to the guidance of SNU Health Service Center/administrative office, if necessary, the test will be conducted, and the class will be held non-face-to-face for 2 weeks ※ Even if a confirmed case occurs in a classroom or building where face-to-face classes are being held, the classes will be switched to non-face-to-face during the disinfection period according to the guidance of the administrative office.
	Students	Confirmed cases, suspected cases, and patients under investigation must act in accordance with the guidelines of the Korea Disease Control and Prevention Agency and also submit 「Application for Recognition of Attendance」 to the faculty to receive recognition of attendance during self-quarantine period ※ Student must attend non-face-to-face classes if possible