Syllabus

I. Basic data

Subject code	7VG32NBKE1M
Subject mame (in Hungarian)	Kutatási dizájn és módszerek a világgazdaságtanhoz
Subject name (in English)	Research Design and Methods for World Economics
Subject name (in French)	Le désign et les méthodes de recherche pour l'économie mondiale
Number of contact hours	0+4
Credits	6
Estimated student workload	*180*
Fall or spring semester	Spring/tavaszi félév
Language of education	English/angol
Prerequisites	**none/nincsenek**
Type of subject	compulsory/kötelező
Department	Department of World Economy/Világgazdasági Tanszék
Subject responsible	Almadi Sejla
Educator	Almadi Sejla
Schedule	**According to Neptun system/A Neptun információs rendszer szerint**

II. Aims of the course

The aim of the course is to get students familiar with the principles and methods needed to prepare and defend professional research materials, thereby to support young researchers and scholars in their own research and in developing skills that are essential for it. As such, it provides a crutch for basic and applied research, high-quality academic and practical writing, and most importantly for thesis writing. It details the criteria for a good research topic, plan and title, literature review techniques, reference systems, abstract writing, research structures and designs, sample sizes and procedures, research ethics, validity and reliability, primary and secondary data collections, basic coding, and types of quantitative and qualitative analysis.

III. Connections with other courses

The course provides a synthesis for the subject offer of the International Economy and Business programme by supporting the acquisition of the principles and methods needed for doing an independent research and the development of skills in the second half of the first year, based on the students' existing knowledge base, hence it prepares for thesis writing as well. In the upcoming semester, it is followed by the Research Design for International Economic Analysis and Development courses, while in doctoral studies, it is followed by Prospectus Seminar I-III courses. Thus it is also linked to all courses of the Department of World Economy, where students independently acquire knowledge, conduct analysis and then arrive to their own conclusions. The

Dissertation Seminar I-II courses complement this work with the help of supervisors, and the Quantitative Methods in World Economy course strengthens the quantitative angle. The Kutatásmódszertan is its Hungarian equivalent

IV. Intended Learning outcomes of the course

Knowledge	Skills	Attitude
Attributes of a good research topic	Students will be able to choose a good and appropriate research topic and to provide a sufficiently specific, scientific title	Students become open and receptive to all research topics, from which they choose the right one, by a comprehensive perspective, to which they also give an appropriate scientific title
Attributes of a good research plan	Students will be able to prepare their own research plan	Students will be aware of the difficulties of drawing up a research plan and the potential pitfalls, recommendations and elements that can make it sufficiently scientific
Techniques of the literature review	Students will be able to prepare a professional and scientific literature review	Students become open and receptive to all techniques, choosing the right one for the topic
Referencing systems	Students will be able to manage the APA referencing system professionally and accurately	Students become aware of and professional in the management of the referencing system
Abstract	Students will be able to write professional and scientific abstracts	Students will be aware of the difficulties and pitfalls of abstract writing, its recommendations, and the elements that can make it sufficiently accurate
Research structures and designs	Students will be able to build up their own research and develop its basic design, tailored to the chosen topic	Students will become aware of and professional in research building as well as in the basic design opportunities
Sampling sizes and procedures	Students will be able to perform calculations with formulas and random tables concerning sampling	The determination of sample sizes and the selection of procedures will become conscious and professional

Research ethics, validity and reliability	Students develop an ethical approach to conducting research that will be relevant to the validity and reliability of the research as well	Students become aware of the ethics and its dangers in research and the difference between validity and reliability
Primary and secondary data collections, coding	Students will be able to develop and implement primary and secondary data collection, including basic coding	The skills for scientific data collection becomes conscious and professional
Quantitative and qualitative analysis methods	Students will be able to perform quantitative and qualitative analysis with computer software and manually	The scientific analytical skills become conscious and professional

VI. Evaluation system of the course
Preparation of research plan: 40 percent
Preparation of literature review with introduction: 60 percent

Within these tasks min. 50-50 percent should be achieved.

During the course, extra tasks may be delegated up to 10 percent in the semester, which may not correct / replace the minimum limit of 50-50 percent to be achieved within the abovementioned tasks.

The class attendance will be recorded at the beginning of each seminar! Attendance is mandatory for 75 percent of the seminars.

Topic: "World Economy"
- all topics taught or accepted for thesis by the Department of World Economy

Research plan
Individual work on the published topic based on the research methodology principles and practices presented in the semester. The obligatory elements of the research plan are discussed at the first session, while the more detailed, expected content and the corresponding research methodology principles and practices follow the schedule of the semester. The format for submitting research plans is PPT, which must be uploaded to the course in Moodle - please only include the author's last name in the title of the uploaded file - due on the date when the PPT is presented. In line with the official thesis defence practices of the institute, a handout of the PPT should be brought to the presentation (and not the file as no computer and projector will be available), when max. 10 minutes, including the jury's questions, will be provided.

Literature review introduction
Individual work on the topic, it is the first major milestone in the implementation of the research plan presented at the end of the semester. The format and content requirements are framed by the thesis writing rules of the Institute of World Economy: Page A4, normal margins, 1,5 lines, body text: TNR 12 normal, headings in italics or bold (please omit underline); proper referencing or failing to do so is treated strictly (!); length 20-25 pages (less than 10 pages or over 40 pages will automatically result in 0 points/percent). The compulsory elements and expected content of the review and introduction, as well as the related research methodological principles and practices are emphasised at the 1-5 sessions of the semester. The submission format of the review is Word, which must be uploaded to Moodle under the course - please only include the author's last name in the title of the uploaded file by midnight January 12th.

Professional consultation can be requested during the course to carry out these tasks. See the schedule for office hours.

The final grades are awarded according to the standard Hungarian grading scale (51%: 2, 63%: 3, 75%: 4, 87%: 5). Grades are non-negotiable. Please take into account that any complaints concerning the points of the materials (except for obvious adding mistakes) will result in a re-evaluation of the entire tasks.

VII. Mandatory literature
Almadi, S. 2019a. Basic methodological considerations on the digitalisation as research topic. Choice and justification on the research topic and rule of thumbs for a scientific title, keywords and abstract-writing, supported by a collection of student materials. Köz-gazdaság, 3, 202-215.
Almadi, S. 2019b. The research method of conceptual frameworks. The case of Pygmalion effect: A leadership style or self-fulfilling prophecy?. Hungarian Educational Research Journal, 9:3, 1-24. DOI:10.1556/063.9.2019.3.41.
Almadi, S. 2020a. Machiavelli, machiavellista, machiavellizmus és 550 év. A Machiavelli nevéből eredő fogalmi keretek történeti-integratív áttekintése, Külügyi Szemle 19:1, 3-33.
Almadi, S. 2020b. Theoretical corpus for an empirical subject. The identification of research problems and gaps in Pygmalion effect research. Köz-gazdaság, 15:1, 203-214.
Saunders, M. N. K., Lewis, P., & Thornhill, A. 2016. *Research methods for business students*, 7th ed. UK: Pearson.

VIII. Recommended literature
Almadi, S. 2018. Can the V4's Priorities Shape "Europe's Priorities"? The Multiannual Financial Framework 2021-2027. EUROPEUM Institute for European Policy. *Think Visegrád in Brussels, Policy Brief*, November, p. 1-30. Available in English: http://www.europeum.org/data/articles/5-sejla.pdf.
Almadi, S., & Nagy, S. Gy. 2018. A versenytárselemzések kutatásmódszertana és áttekintése. Külügyi Szemle, különszám, 1, 7-35.
Christensen, L. B., Johnson, R. B., & Turner, L. A. 2015. *Research methods, design, and analysis*, 12th ed. UK: Pearson.

IX. Time of class
1. session: Course introduction, Basic definitions, Research topic, Research question vs objective, Research plan
    -   Almadi (2019a), PPT

2. session: Research structures and settings, Title, Keywords, Abstract
   - Almadi (2019a), PPT, APA Referencing Guide
3. session: Literature review and its techniques
   - Almadi (2019b, 2020a, 2020b), PPT
4. session: Research design and methods, Validity and Reliability, Research ethics
   - Saunders et al. (2016): Chapter 5-6, PPT
5. session: Sampling, Secondary data collection, World economy databases
   - Almadi & Nagy (2018), Saunders et al. (2016): Chapter 7-8, PPT
6. session: Primary data collections: observation, interview, questionnaire
   - Saunders et al. (2016): Chapter 9-11, PPT
7. session: Quantitative methods, coding
   - Saunders et al. (2016): Chapter 12, PPT
8. session: Qualitative methods
   - Almadi (2018), Saunders et al. (2016): Chapter 13, PPT
9. session: Results, Conclusion, research limitations and future research directions, Summary
   - Almadi (2020b), PPT
10. session: presentation of students' research plans
11. session: presentation of students' research plans
12. session: presentation of students' research plans

Sejla Almadi: e-mail: sejla.almadi@uni-corvinus.hu. Office hour in TBD.