

PL5208 Research Methodology

Module designation	Research Methodology
Semester(s) in which the module is taught	2 nd Semester (first year of master program)
Person responsible for the module	Iwan Kustiwan, Ir., MT, Dr.
Language	Indonesian
Relation to curriculum	Compulsory courses for Master Program in Urban and Regional Planning.
Teaching methods	Lecture and discussions, case study, panel and coaching
Workload (incl. contact hours, self-study hours)	<p>(Estimated) Total workload: around 9 hours per week x 16 weeks = 144 hours</p> <ul style="list-style-type: none"> • Face to face teaching: 2 hours per week = 2 x 16 = 32 hours • Self-study hours: 7 hours per week: 7 x 16 = 112 hours
Credit points	3 CU/5 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Evaluate the essence, substance, process, techniques and issues in doing, writing, presenting and publishing research 2. Determine research topics and formulate research problems and questions 3. Create research proposal draft in the field of urban and regional planning
Content	<ol style="list-style-type: none"> 1. Literature review and reference management 2. Research problem and aims 3. Research conceptualisation 4. Research approach 5. Quantitative and qualitative research design 6. Data collection and analysis 7. Writing and publishing research report
Examination forms	Presentation, Essay, and Thesis Proposal
Study and examination requirements	<p>Thesis proposal</p> <p>Final Exam</p>
Reading list	<ol style="list-style-type: none"> 1. Mehmetoglu, M., & Jakobsen, T. G., Applied Statistics using Stata a guide for the Social Sciences. Sage, 2022 2. Hancock, D. R., Algozzine, R., & Lim, J. H. Doing case study research: A practical guide for beginning researchers. Teachers College Press, 2021 3. Flick, U., An introduction to qualitative research. SAGE, 2023 4. Flick, U., The sage handbook of qualitative research design. SAGE Publications, 2022 5. Creswell, J. W., & Creswell, J. D. Research design: Qualitative, quantitative, and mixed methods approaches. SAGE, 2023 6. Thomas, C. G., Research methodology and scientific writing. Springer, 2022 7. Babbie, E. R., The practice of Social Research. Cengage, 2022 8. Zhang, L., Sentiment Analysis and Opinion Mining. Springer, New York, 2023 9. Hay, Ian, Qualitative Research Methods in Human Geography, Fifth Edition. Oxford University Press, Melbourne, 2021