

Course Description

MEDD8888 Methods for Evaluation Research in Education

Course description
This course includes a combination of theory and practice in methods of research for evaluation of teaching, program or intervention in educational contexts. It introduces students to quantitative, qualitative, and mixed-methods that can be integrated into their own research studies. It also prepares students to develop their capability in designing an evaluation research and choose the most appropriate analytical techniques for the purposes of their studies. A thorough understanding of research skills will prepare students to become a competent researcher in education.
Course objectives
Please refer to the course description above.
Course learning outcomes
<ol style="list-style-type: none">1. Critically evaluate the existing literature based on their specialist area.2. Identify a researchable study and evaluate and discuss its values and impacts on the literature.3. Develop and formulate appropriate research questions/hypotheses for their research area of interest.4. Apply an appropriate method for a research study, including design, sampling, and plan of data analysis.
Course assessment methods
<ul style="list-style-type: none">• Moodle discussion• Group presentation• Individual Research proposal
Course content and topics
<ul style="list-style-type: none">• Introduction to evaluation research• Quantitative methods: Designing descriptive and correlational quantitative studies• Quantitative methods: Experimental studies and data quantitative analysis methods• Qualitative methods: Study design and qualitative interviews• Qualitative methods: Focus group interviews and documents• Qualitative methods: Observation and case study• Mixed methods for evaluation research in education• Reviewing evaluation research: Synthesis and student presentations
Required / recommended readings and online materials
Clarke, A., & Dawson, R. (1999). Evaluation research: An introduction to principles, methods and practice. SAGE. Mertens, D. M., & Wilson, A. T. (2019). Program evaluation theory and practice: A comprehensive guide (2nd ed.). Guilford. Meyer, W., & Stockmann, R. (2013). Functions, methods and concepts in evaluation research. Translated by G. Bartley. Palgrave Macmillan.
Other additional course information
Advanced Research Method (ARM) course