

Implementation plan Finished

Study unit	Research Methods (G0112), 5.0
Implementation	SWG1211: 1/2012-2013 (27.08.2012 - 21.12.2012)
Type	DEVELOPING PROFESSIONAL IDENTITIES (G016)
Groups	Primary: SWG11SN Others :
Involved in the project	
Lecturers	Salin Ossi, Pötzsch Tobias
Number of participants	Minimum: Maximum:
Enrolment period	21.05.2012 08:00 - 03.06.2012
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: Yes Open UAS student: Yes Suitable for virtual UAS: No
Teachers	Pötzsch Tobias (Other teacher), Salin Ossi (Other teacher)
Campus	Laurea Otaniemi
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation, Project/venture/R&D Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	
Focus areas	
Evaluation at the latest	21.01.2013 Storing of graded material ends.: 21.12.2013
Exam days	Re-exams: 29.11.2012, 17.01.2013, 21.02.2013
Having completed the study unit the student is able to	· acquire information necessary for the research process critically from various sources · identify the differences between qualitative and quantitative approaches · use various methods of data gathering and analysis · read and report on research data and findings
Previous studies	Introduction to Learning Strategies and Research 5 CR.
Learning objectives	KEY QUESTIONS How do research methods support my professional growth? What are the foundations of qualitative and quantitative research? How can these methods be applied in practice? Part: Quantitative Research Methods and Statistics (2 cr): During the study course students will become familiar with basics of quantitative research and statistics and learn to apply quantitative data collection and analysing methods in research. Student • comprehends the nature and possibilities of quantitative research • will be capable to apply quantitative research methods and statistics in research • will learn to plan questionnaire and basics of data analysing
Contents	Research Methods examines the fundamental principles and applications of different qualitative and quantitative research methodologies. It further develops a student's ability to use statistical methods in data analysis and allows him/her to plan and implement their own small research project The students demonstrates competence by comprehending and distinguishing different qualitative and quantitative research methodologies. S/he further becomes capable in using statistical methods in analyzing quantitative and qualitative data. Part: Quantitative Research Methods and Statistics: • basics of quantitative research and statistics • quantitative research planning • questionnaire planning, data collection, data analysis • basics of SPSS

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Study material	Course syllabus to be distributed during first session Quantitative Research Literature: Punch, Keith F. Survey Research. The basics. Punch, Keith F. Introduction to social research. Quantitative and qualitative approaches. Punch, Keith F. Developing Effective Research Proposals.
Tutoring and communication	Tutoring in small and larger class groups as well as through OPTIMA and e-mail
Evaluation criteria and methods	small research project, essay, Attendance quantitative research: attendance, participation, exam

Learning events

Date	o'clock/at h	Subject	Content	Status	Teachers
19.09.2012	8.30-11.45	Orientation, basic concepts, research process			
27.09.2012	12.30-15.45	Questionnaire planning			
10.10.2012	12.30-15.45	Descriptive statistics, scales			
12.10.2012	8.30-11.45				
26.10.2012	12.30-14.00	basics of spss		it-class room	
12.11.2012		Exam (notice 2.10. cancelled)	New exam day arrangements will be agreed with students on orientation day		