



HÖGSKOLAN I GÄVLE

Advanced Research Methods 7.5 cr

Fördjupning i forskningsmetod 7,5 hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at

Valid from

12/13/21

HT2022

Level	A1F
Education level	Second cycle
Course identifier	MIA306
Credits	7.5 cr
Main field of study	Sustainability Science
Subject group	Environmental Science
Disciplinary domain	Humanities 20.0 % Social sciences 40.0 % Technology 20.0 % Natural sciences 20.0 %

Learning outcomes

After completion of the course the student shall be able to

1. formulate research questions in relation to sustainability
2. select and evaluate research methods in relation to research issues
3. demonstrate knowledge and understanding, skills and abilities in applying research methods
4. evaluate strengths and weaknesses in specific research methods applied in sustainability science.

Course content

The course covers advanced scientific methods and methodological perspectives. The student specializes in a scientific method chosen by the student.

Teaching

Lectures and seminars

Prerequisites	Completed courses on advanced level of at least 45 cr within the programme Master in Sustainability Science – Environment and Decision Making 120 cr, including the course Philosophy of Science, Research Ethics, Quantitative and Qualitative Research Methods 7.5 cr, or corresponding		
Examination	Written assignment and seminars		
	Module 0010 Written assignment 5 cr, examines learning outcomes 1-3, grades A-F		
	Module 0020 Seminars 2.5 cr, examines learning outcomes 1-2, 4, grades Pass, Fail		
Grade	A, B, C, D, E, Fx, F		
Other regulations	Degree Criteria for the final grade will be handed out by course responsible or examiner latest at the beginning of the course.		
Sustainable environment	A minor part of the course content deals with sustainable development.		
Module			
	0010	Written assignment	5 cr Grade: AF
	0020	Seminars	2.5 cr Grade: UG