



## HÖGSKOLAN I GÄVLE

### Thesis for Degree in Sustainability Science 15 cr

*Examensarbete för magisterexamen i miljövetenskap 15 hp*

Set by Faculty of Engineering and Sustainable Development

**Version**

**Set at**

**Valid from**

4/22/20

**HT2021**

<b>Level</b>	A1E
<b>Education level</b>	Second cycle
<b>Course identifier</b>	MIA801
<b>Credits</b>	15 cr
<b>Main field of study</b>	Sustainability Science
<b>Subject group</b>	Environmental Science
<b>Disciplinary domain</b>	Social sciences 40.0 % Technology 40.0 % Natural sciences 20.0 %

**Learning outcomes**

After completion of the course the student shall be able to

1. demonstrate knowledge and understanding in sustainability science, including both an overview of the area and in-depth knowledge in certain parts of the area, as well as insight into current research and development work
2. show in-depth methodological knowledge in sustainability science
3. integrate knowledge and analyze, assess and manage complex phenomena, issues and situations
4. independently identify and formulate issues, and plan and execute qualified tasks using appropriate methods
5. orally and in writing clearly state and discuss conclusions and the knowledge and arguments that underlie them
6. make judgments with regard to relevant scientific, social and ethical aspects and show awareness of ethical aspects of research and development work in sustainability science
7. identify the need for further knowledge and to take responsibility for knowledge development
8. critically review, defend and analyze the results and conclusions of scientific studies.

<b>Course content</b>	The course contains planning, structuring, conducting (collecting and analyzing data) and reporting a scientific research study. In the course, the student should also compile this research study into a written report that follows accepted guidelines for scientific manuscripts and shows broad and deep knowledge in sustainability science. The course also contains defending this written report and opposing the written report of a different author.		
<b>Teaching</b>	Supervision		
<b>Prerequisites</b>	Completed studies of at least 30 credits within the programme Decision Making for Sustainability or equivalent. Courses relevant to thesis work should be completed.		
<b>Examination</b>	Writing a thesis, defending the thesis and opposition on another thesis		
<b>Grade</b>	A, B, C, D, E, Fx, F		
<b>Limitations</b>	The student is eligible to supervision during the course period but not after.		
<b>Other regulations</b>	Degree Criteria for the final grade will be handed out by the course responsible or examiner latest at the beginning of the course.		
<b>Sustainable environment</b>	The majority of the course content deals with sustainable development..		
<b>Module</b>	0010 Thesis, opposition and defence	15 cr	Grade: AF