



**HÖGSKOLAN  
I GÄVLE**

**Scientific Writing 3cr**

*Vetenskapligt skrivande 3hp*

Set by Faculty of Engineering and Sustainable Development

**Version**

**Set at**

**Valid from**

10/15/14

**HT2015**

<b>Level</b>	A1F
<b>Education level</b>	Second cycle
<b>Course identifier</b>	ETA322
<b>Credits</b>	3cr
<b>Main field of study</b>	Energy Technology
<b>Subject group</b>	Energy Technology
<b>Disciplinary domain</b>	Technology 100.0%

**Learning outcomes**

After completion of the course the student shall be able to  
Knowledge and understanding

1. use references appropriately

Competence and skills

2. summarize and evaluate scientific literature

3. write an article (according to a scientific model) based on a literature review

4. orally present and oppose on other student's literature review and presentation

5. produce a project plan for a thesis project

Judgement and approach

6. demonstrate awareness of ethical aspects of research and development work

7. describe the difference between good research and plagiarism

**Course content**

Statistics, tables, figures

Scientific databases (abstracts, full text, citation index)

Scientific writing

Reference systems

Presentation techniques

<b>Teaching</b>	Lectures, assignments, seminars, and projects		
<b>Prerequisites</b>	Energy Resources 6 credits, Sustainable Cities 6 credits, and Building Energy Systems 6 credits, or equivalent.		
<b>Examination</b>	Information, seminars, literature review, and project plan		
<b>Grade</b>	A, B, C, D, E, Fx, F		
<b>Other regulations</b>	Criteria for final grades are announced by the co-ordinator or examiner at the start of the course.		
<b>Sustainable environment</b>	The majority of the course content deals with sustainable development..		
<b>Module</b>			
	0010	Information, seminars	1cr      Grade: UG
	0020	Literature review and project plan	2cr      Grade: AF