



## HÖGSKOLAN I GÄVLE

### Sustainable Spatial Planning 7.5 cr

*Hållbar samhällsplanering 7,5 hp*

Set by Faculty of Engineering and Sustainable Development

**Version**

**Set at**

**Valid from**

2/26/18

**VT2019**

|                            |                             |
|----------------------------|-----------------------------|
| <b>Level</b>               | G1F                         |
| <b>Education level</b>     | First cycle                 |
| <b>Course identifier</b>   | SBG332                      |
| <b>Credits</b>             | 7.5 cr                      |
| <b>Main field of study</b> | Spatial Planning, Geography |
| <b>Subject group</b>       | Physical Planning           |
| <b>Disciplinary domain</b> | Technology 100.0 %          |

**Learning outcomes**

After the course the student should

1. describe key concepts of sustainable spatial planning
2. describe the linkages between social, economic, and environmental conditions within sustainable spatial planning
3. describe and evaluate how the physical landscape and urban form affect sustainable spatial planning
4. identify and evaluate the built environments sustainability with relevant methods
5. visualize proposals for sustainable spatial planning
6. orally and written presentation of proposals for sustainable spatial planning adapted for dialogue with various groups.

**Course content**

Visions for sustainable spatial planning  
The history of environmentalism  
Environmental legislation  
Urban ecosystems  
Settlements and the physical landscape  
Physical sustainable planning and urban form  
Social and economical conditions for sustainability  
Environmental risk assessment and management

|                                |  |        |           |
|--------------------------------|--|--------|-----------|
|                                | Field and analytical methods<br>GIS-analysis   |        |           |
| <b>Teaching</b>                | Projects, exercises, seminars, and lectures.   |        |           |
| <b>Prerequisites</b>           | Introduction to Spatial Planning 7.5 cr and GIT 1 7.5 cr or equivalent                       |        |           |
| <b>Examination</b>             | The course has three forms of examination  |        |           |
|                                | 0010 Written examination examines learning outcomes 1-3, grades A-F                          |        |           |
|                                | 0020 Project work examines learning outcomes 4-6, grades Pass with distinction, Pass or Fail |        |           |
|                                | 0030 Seminars and Exercises examines learning outcome 4, grades Pass or Fail                 |        |           |
| <b>Grade</b>                   | A, B, C, D, E, Fx, F   |        |           |
| <b>Other regulations</b>       | Criteria for the final grade will be handed out at the start of the course.                  |        |           |
| <b>Sustainable environment</b> | The majority of the course content deals with sustainable development..                      |        |           |
| <b>Module</b>                  |  |        |           |
|                                | 0010 Written examination   | 4.5 cr | Grade: AF |
|                                | 0020 Exercises and practicals  | 1.5 cr | Grade: UG |
|                                | 0030 Project work  | 1.5 cr | Grade: UV |