



HÖGSKOLAN I GÄVLE

Design of the Built Environment 7.5cr

Gestaltning inom byggd miljö 7,5hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at

Valid from

2/27/19

HT2019

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|----------------------------|-------------------|
| Level | G1F |
| Education level | First cycle |
| Course identifier | SBG342 |
| Credits | 7.5cr |
| Main field of study | Spatial Planning |
| Subject group | Physical Planning |
| Disciplinary domain | Technology 100.0% |

Learning outcomes

After completion of the course the student shall be able to

1. describe urban space and perspective in the city
2. describe the perception of colors and materials in the urban landscape
3. draw a sketch of the urban environment
4. apply methods for creating models of buildings and landscapes
5. discuss the implications of building size and location in terms of light / shade, local climate, perceived safety, public activities, etc.
6. use one of the commonly available software packages for visualisation
7. present a project work.

Course content

Drawing techniques
Perspective principles
Volume studies
Colour theory, textures and materials
Physical, psychological and social effects of the built environment

Teaching

Lectures, assignments and project work

Prerequisites

Geovisualisation in built environment 7.5 credits and Physical Detailed Planning 7.5 credits or equivalent

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| Examination | Written examination, assignments and project work |
| Grade | A, B, C, D, E, Fx, F |
| Other regulations | Degree Criteria for final grade will be given by the course responsible or examiner latest at the beginning of the course. |
| Sustainable environment | It is possible to include content with sustainable development in this course in the future.. |

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| Module | | | |
| | 0010 Written Examination | 3cr | Grade: AF |
| | 0020 Assignments | 2cr | Grade: UG |
| | 0030 Project Work | 2.5cr | Grade: AF |