**Sustainable community**

**Lecture program** / pilot example of the course

2 hours lecture / Sustainable community I – Introduction to the principles

Lecture and coursework 1 (25 % of the total grade)

2 hours lecture / Sustainable community II – ISO 37101 contents, urban planning system and its additions in Finland to promote sustainable development

Coursework 2 (25 % of the total grade)

2 hours lecture and 2 hours workshop / Sustainable community III – examples of forerunner cities and their practices (examples from different countries, Finnish examples of cities, towns and rural localities) – group work: choose one city/town/locality and learn more about it – make a presentation before the given deadline, use SDG and ISO 37101 as background criteria. A template for the presentation is given to the groups.

2 hours presentation of group works (presentations) (50 % of the total grade)

**Courseworks**

**Coursework 1 / Learning diary**

- In the lecture slides you find 4 different tasks and instructions for a learning diary - make a report and submit it in the given timeline

- this coursework included preparing a poster dealing with Sustainable community

**Coursework 2 / Sustainability standard and place evaluation**

Task in the end of lecture slides. Study the building blocks of a sustainable community presented in the ISO 37101 standard (sustainability issues) and Circles of Sustainability model (profile circle). Look closer the lecture material and links in it.

What similarities can you find? Are there any differences?

Which one do you find more attractive of user-friendly, and why?

Apply some of the criteria to a city / town / rural locality / village.

**Coursework 3 / Group work / Forerunner cities**

1.Choose one city/town/locality and learn more about it – make a presentation in the given timeline, use SDG and ISO 37101 and European green capital application criteria when possible

2.Search for information connecting the following issues and make a presentation about 10-15 slides with maps and illustrations

3. Presentation about 15 minutes to the other students– all group members participate

LIST OF ISSUES

Situation of the city/town/rural locality/village in relation with other bigger centres (map, description)

Map of the case study structure (different land use forms, if possible)

Population of the case target area and age distribution (2000/2010/2020/ forecast)

Amount of green areas (green infrastructure) in the target area

Examples of old residential areas

Examples of new residential development

Examples of urban regeneration (e.g. central areas, neighbourhoods, industrial areas, traffic routes)

Citizen involvement: what kind of opportunities the residents have to participate in environmental development – are they given any power in the processes

CO2 emissions of the case area in the moment and goals for the future (goal and year)

Information about air pollution in the city

Energy production in the area, the share of renewable energy

Public transportation arrangements and the use of it (how many % of residents use)

Walking and cycling – the situation and development targets

Shared services, examples (e.g. concerning MaaS, recycling, reparation etc.)

What other sustainable features / development strategies or programmes of the case area you want to present