



**KTH Arkitektur
och samhällsbyggnad**

Planning for Resilience

7.5 credits

AG2811

28 August – 12 October 2018

Canvas will be used for all information during the course so have a look there regularly. If you have questions regarding the course, check Canvas, ask classmates or e-mail Nathalie (see below).

Responsible teacher

Rebecka Milestad, e-mail rebecka.milestad@abe.kth.se

Examiner

Sara Borgström, e-mail sara.borgstrom@abe.kth.se

Course assistant

Nathalie Becker, e-mail nibeck@kth.se

Scope and learning objectives

The course introduces the participants to different perspectives on complex adaptive systems and their resilience, adaptability and transformability. Theories and perspectives are analysed in lectures, seminars and readings, and policy implications discussed. Special reference to the concepts in a planning context will be made.

In order to pass the course you should have achieved the following learning objectives:

1. Be able to describe different meanings of the major concepts (including resilience, adaptability, transformability, social-ecological systems and complex adaptive systems) and describe how these concepts are related within different theoretical frameworks

2. Be able to describe and assess policy and planning implications of these concepts
3. Be able to apply the central concepts of the course in a planning context

Learning activities

The course equals 200 hours of work for the students. This means that most of the learning will take place outside the classroom (reading, reflecting, preparing for seminar, writing the home exam and project group work). The scheduled activities are structured as lectures, literature seminars, study visits and project work in groups including presentations and evaluations.

Seminars (SEM)

The objective with the literature seminars is to gain understanding of the key concepts in resilience thinking and jointly discuss resilience thinking based on the readings. The objective is also to develop skills in group discussions, peer learning and performing tasks together. The literature seminars will help you prepare for the home exam and are an opportunity to learn together. Instructions for each seminar will be uploaded on Canvas.

Home Exam (TEN)

After the first half of the course you will write an individual home exam covering the central concepts of the course. Your task is to show that you have achieved learning objectives 1 and 2. A detailed instruction for the home exam including grading scheme will be posted on Canvas.

Group project (PRO)

During the second half of the course you will work in groups to perform a resilience assessment that is to be presented as a written report and in class. You will during this project apply the theoretical content of the course in real cases in the Stockholm region. This activity is related to all learning objectives, but specifically objective 3.

Study visits

Study visits will be organised where different sites, activities, initiatives working with sustainable urban development in the Stockholm region are showed and presented. The aim is to link the theoretical part of resilience thinking to real world cases and is an important preparation for the group project.

Use scientific referencing

When you write (literature assignments, home exam, project work), you are expected to make proper scientific references to the literature and other sources. For more information on writing, consult the course documents “Tips for Acknowledging Sources” and “Harvard referencing” on Canvas.

Examination

Seminars (SEM) – 2 hp, Pass/Fail

In order to pass you have to prepare for and participate in all seminars and during the whole seminar according to the seminar instructions (posted in Canvas). If you for some reason would miss parts of a seminar or a full seminar you should inform the course assistant beforehand. It is possible to make up for missing part of one seminar, or one full seminar, by preparing for and

attending the extra seminar. The assignment for the extra seminar will stand in relation to the amount of time the student has missed in the regular seminars. The workload for the extra seminar will be somewhat more demanding than preparing for and taking part in the regular seminars.

Home exam (TEN) – 3 hp, A-F

The grading scheme for the home exam will be provided in the home exam instruction. The students are expected to use the course literature and possibly other scientific sources to answer the questions in the home exam. It is allowed to work in pairs or in groups, but each exam should be handed in individually and they will be checked for plagiarism, i.e. it is not allowed to write the same text as any other student. If you receive the grade Fx, you get a chance to raise your grade to an E by submitting a revised version of the home exam + one additional question given to you by the course team after the course. If this is not done successfully, the grade will be F.

Group project/project work (PRO) – 2.5 hp, A-F

The grading for the group exam is A, B, C, D, E, Fx, F. The grading criteria for the group exam will be provided in the group exam instruction. The group project includes researching your topic, going through the steps in the resilience assessment, writing your report, preparing a presentation, giving the presentation, evaluating another group’s report and presentation, and revising your own report for the final upload on Canvas. The course leaders will evaluate the reports and oral presentations. The general approach is that students in a given group will be given the same grade.

The final course grade is calculated as a rounded, weighted average of TEN and PRO. A is the highest grade and Fx means that the student did not pass the assignment/course. Fx means that it is possible to pass if an extra task is completed successfully. In that case the grade will be E. The supplementing task must be completed within six weeks from when the student received her/his result. After that, the grade corresponds to an F. It is not possible to improve given grades.

We use the following matrix to guide the final grade-setting:

	Home exam				
Project work	A	B	C	D	E
A	A	B	B	C	D
B	A	B	C	C	D
C	B	B	C	D	D
D	B	C	C	D	E
E	C	C	D	D	E

The home exam and project work report will be checked for plagiarism. Plagiarism will be reported to KTH’s Disciplinary Committee, which might decide to suspend a student from KTH for a period of 3 weeks to 6 months. To avoid plagiarism it is very important to use scientific referencing properly. If you have questions about referencing, please ask the course team ahead of submission deadlines.

Students with disabilities

Support via Funka

If you have a disability, you may receive support from Funka. Read more at:

<https://www.kth.se/en/student/studentliv/funktionsnedsattning>

Inform the teacher

We also recommend that you as soon as possible inform the teacher and course assistant regarding any need you may have in relation to a disability. Funka does not automatically inform the teacher.

Information about registration and deregistration

Please register online. Please do not register on the course unless you are fully certain that you want to take it. If you change your mind and want to deregister from the course later, it is very important that you let us know by e-mail and that you deregister online.

Administrative questions

If you have any problems or questions regarding registration on the course, or questions relating to registration of grades after the course, please contact administrator Marie Lindén directly by e-mail: mlinden5@kth.se

Course literature

A list of the course literature is presented on Canvas.

Welcome to the course!

Rebecka Milestad, Sara Borgström and Nathalie Becker