

7,5 credits Course - ARK650

SUSTAINABLE DEVELOPMENT AND THE DESIGN PROFESSIONS

Sustainable Development and the Design Professions is a course given by the master's programme Architecture and Planning Beyond Sustainability. The course is compulsory within the master's programmes Architecture and Urban Design (MPARC) and Architecture and Planning Beyond Sustainability (MPDSD).

The theme of the course is the huge challenges facing humanity, today and in the future, related to environmental degradation, climate change, poverty, unequal distribution of resources and unsustainable patterns of production and consumption. What changes are necessary in order to reach a sustainable development and which are the implications for planning, design and management of the built environment?

The overall aim of the course is:

To provide all students, regardless of their subsequent choice of master's programme and design studios, with a foundation and an ability to creatively and critically consider and reflect on questions related to the planning, design and management of the built environment within a context of sustainable development.

Learning outcome:

- To be able to give an orientation about global challenges concerning environmental degradation, climate change and development issues.
- To be able to explain different challenges and perspectives of sustainable development.
- To be able to explain and identify the implications of sustainable development within the field of planning, design and management of the built environment
- To be able to reflect upon the professional role as a designer in relation to sustainable development.



The design of the course:

The course comprises lectures, films, literature studies, seminars, voluntary study visits, and a course assignment. A wide spectrum of challenges, problems and questions related to the vision of sustainable development as a global, as well as a local, challenge are explored, as well as different approaches to the implementation of sustainable development within analysis, planning, design and management of the built environment.

SUSTAINABLE DEVELOPMENT AND THE DESIGN PROFESSIONS starts on Tuesday September 3. The course runs on a full time basis during week 36, 37 and 38 (4,5 c) and in parallel with design studios during the following part of the autumn term (3 c).

For information about admission and registration, please contact Agnes Elmeffjäll, study counselor (agnes.elmeffjall@chalmers.se). A course programme and a preliminary schedule will be available on the course home page from week 25.

Find the homepage:

Search the course number ARK650 here:

<https://student.portal.chalmers.se/en/chalmersstudies/courseinformation/Pages/SearchCourse.aspx>

Credits for the course:

7,5 ect. Study period 1 and 2. Advanced level. Teaching language: English.

Entry requirements: Undergraduate profile with a Bachelor degree, or similar, in Architecture, Spatial and Urban Planning, Landscape Architecture, Interior Architecture, Architecture and Engineering or Civil and Environmental Engineering.

Grading:

Pass/Not Pass

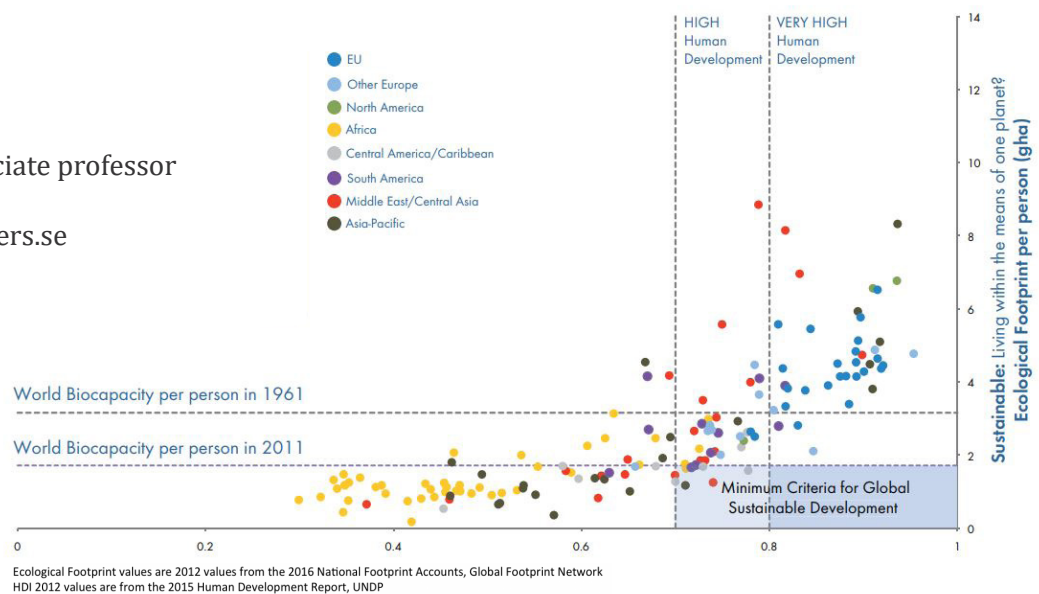
Examiner:

Liane Thuvander, associate professor

+46 31 772 22 66

liane.thuvander@chalmers.se

Human Development Index & Ecological Footprint per person for nations



UN SUSTAINABLE DEVELOPMENT GOALS

