Space Syntax: Architecture & Cities MSc

Programme Information Sheet

This document provides details of the structure and content of this programme.

linguistics, social theory and theories of technology via student debate on issues of design practice, the nature of collaboration, machine intelligence and creativity. The module asks students to reflect on what they do as practitioners by

This module introduces a series of important concept s intended to provide students with the theoretical basi s for researching the relationship between space and society Ð with an emphasis on the urban scale. It draws on theoretical perspectives from a range of disciplines and explains the contribution each has to make. The module investigates the theoretical possibilit y of developing a distinctive spatial ontolo gy of societ y through a range of case studies of differen t spatial cultures.
Assessment: unseen written examination in term 2

Optional modules in term 2:

Spatial Justice (15 credits)
Module tutor: Professor Laura Vaughan
This module examines the interface between urban form and social outcomes. To explore these issues, the module offers an overview of the key factors in social exclusion and presents research into the relationship between urban design and crime, poverty, health and other issues of Ôdisurban Õpace.
Assessment: take home exam

Spatial Dynamics and Computation (15 credits)
Module tutor: Dr Tasos Varoudis
This module builds upon machine thinking in simulation an d analysis with a focus on understanding the spatial dynamics tha t form the buil t environment around us. This module will deliver the basics of computer scripting and the fundamentals of spatial computation and visual agent simulation. It will equip students with an understanding of th e principles underlying th e computation, representation, measurement and analysis of spatial and arc hitectural phenomena that are at the core o f space syntax and architectural design.
Assessment: coursework project report

Analytical Design Research Project (30 credits)
Module tutor: Dr Kayvan Karimi
This module provides a well-defined methodology for the description and analysis of form-f unction relations in architecture at all scales from the individual dwelling to the urban re gion. It introduces space syntax8 Tw ( )Tjdoeu 1 334.49c0.

multiple actors involved in their production, rather than a priori ideas of novelty and a tabula rasa approach, or nostalgia for an urbanity th at mimics the old. More than training s tudents how to produce expressive buildings, it

Staff

the interaction between architecture and the user, de -industrialisation and urban regeneration, and design research. Her activities in these areas have resulted in publications, creative installations and design projects. As a practising architect, she has wo n first prizes in international architectural competitions and her work has been exhibited across Europe.

[Dr Kerstin Sailer](#) - Reader of Spatial and Social Networks
Kerstin is a trained architect and has developed a business process examining links between space and effectiveness in the workplace at Spacelab Architects. Her research explores office buildings, universities, workplace urban wor(n)]TJ 01.293 -26deanr-4 (e)-3 (d)-3 (s)-2 ( )2 (a)-4 (n)-3 (d)h-

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