

A Proposed New Curriculum for the Master of Science Program in Surveying at KTH

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Key words:

ABSTRACT

The present 4 ½ -year Master of Science Program in Surveying at KTH starts with two years common study, including mathematics, computer science, law, planning, economics, ecology, surveying and GIS. From the beginning of the third year the student continues with one of four possible specialisations: Surveying and Mapping, Land Development and Management, Building and Real Estate Economics or Spatial Planning.

The proposed new 5-year program is a merge between the Master of Science Program in Surveying and in Civil Engineering. The first year will be common for all students and the courses include mathematics, computer science, ecology and a rather large project based course about the general planning process and the role different actors play in this process. From the second year there will be four different specialisations: Technical Architecture, Environment and Spatial Planning, Surveying, and Building and Real Estate Economics. In each specialisation there will be possible for the student to choose one in-depth profile. In e.g. the Surveying specialisation two such profiles will be possible, one in Geodesy and Geoinformatics and one in Land Development and Management.

The presentation will give more details about the discussions and ideas behind this proposal and also show a more specific course structure of the program, especially for three last specialisations.

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