Valid from 2024.HS

Module description: Spatial Planning

Module Code	t.BA.MO.RP.24HS
ECTS Credits	4
Language of Instruction/Examination	German
Organizational Unit	INE
Module Coordinator	Thomas Sauter-Servaes
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.
Module Characteristic	Type 2a 4 consecutive lecture lessons per semester week and class
Module Description	Spatial planning (SP) is a cross-cutting discipline which deals primarily with settlement, landscape and transport. The course covers SP instruments in the context of future technological and social developments. The dynamics of transport and SP development and their impacts play a key role.
Module Content	• Introduction to spatial planning • Spatial planning theory (models, e.g. theory of the central places, model of Thünen, model of Wegener, tripod model of Swiss federal office of spatial development) • Global problems of spatial planning and environmental situation • European spatial planning concept • Spatial planning in the neighbour countries (e.g. Germany, Austria) • Swiss spatial planning system • Spatial planning concept Switzerland • Sectoral strategies and sectoral plans of the government, the structure plans of the cantons (e.g. sectoral transport plans, sectoral plan for aviation infrastructure, sectoral plan high-voltage power lines) • Legislation of spatial planning on federal, canton, municipality level • Structure plans (cantons, regions, communes); e.g. Zurich, Lucerne, Solothurn, Ticino) • Communal approach • Cantonal and communal land use plans • Zonal plan and communal construction law (e.g. Winterthur, Dietikon) • Development plan (traffic) • Special-use plans, detailed plans • Construction permissions • Additional permissions • Co-ordination of all processes • Agglomeration programs • Specific questions of spatial planning • Interfaces space and traffic planning • Interfaces spatial and environmental policy • Spatial planning and EIA / sustainability assessment • Parking space planning • Questions of city densification/city of short ways • Approval procedure rail
Prerequisite Knowledge	

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Learning Objectives (Competences)

Students...	Competencies	Taxonomies
The students know the models, basic concepts and instruments of spatial planning related to future technical and social developments	F	K1, K2
Students evaluate current issues in spatial development and evaluate and use the results in their own work in a team solution-oriented assign	SO, SE	K5
The students know the models, basic concepts and instruments of spatial planning related to future technical and social developments	F	K1
The students analyse the most important relationships and cross references between transport and spatial development and can explain questions about the relationship between settlement densification and the impact on transport behaviour	F, M	K3, K4
The students know the most important instruments, strategies and concepts in these policies and understand the relevance of instruments and measures for sustainable development	M, F	K1, K2, K3

Performance Assessment

End-of-module exam	Assessment	Length (min.)	Weighting	Form
written exam	Grade	90	60	acc. to module agreement

Performance assessment during the semester	Assessment	Length (min.)	Weighting	Form
written + oral	Grade	40	20	acc. to module agreement
written exam	Grade		20	acc. to module agreement

Classroom Attendance Requirement

None

Learning material

Comments