

Civil Engineering

(2nd stage of the study)

3659

Study section: **35. Civil Engineering**

Garant of Study Programme: **prof. Ing. Jana Frankovská, PhD.**

Study advisor: **prof. Ing. Andrej Šoltész, PhD.**

	Code	Course	Garant	Lang.	Dep.	Type	Span	Cr.
1st Year WS	I1-DS_C	Dynamics of Structures	Sokol	EN	SME	CC	2/2 s	5
	I1-GS_C	Geotechnical Structures	Frankovská	EN	GTE	CC	2/2 s	5
	I1-HS_C	Hydraulic Structures	Šoltész A.	EN	HTE	CC	2/2 s	5
	I1-QMCE_C	Quality Management in CE	Gašparík	EN	TES	CC	2/1 s	4
	I1-SS_C	Steel Structures	Ároch	EN	KDK	CC	2/2 s	6
		Optional course ¹		EN		OC		5
		Optional course ¹	selecting a 1 course				total	30
	I1-AM_C	Applied Mathematics	Kalina	EN	MDG	OC	2/2 k	5
	I1-EAB_C	Energy Audit of Buildings	Petráš	EN	TZB	OC	2/1 k	5

1st Year SS	I1-CS_C	Concrete Structures	Borzovič	EN	BKM	CC	2/2 s	6
	I1-FAM_C	Facility Management	Somorová	EN	TES	CC	2/1 k	4
	I1-RBM_C	River Basin Management	Hlavčová	EN	VHK	CC	2/2 s	5
	I1-SWM_C	Solid Waste Management	Stanko	EN	ZEI	CC	2/2 s	5
	I1-TP_C	Transportation Planning	Schlosser	EN	DOS	CC	2/2 s	5
		Optional course ²		EN		OC		5
		Optional course ²	selecting a 1 course				total	30
	I1-GISBS_C	GIS in Building Sciences	Janák	EN	GZA	OC	2/2 s	5
	I1-SMSM_C	Surveying Methods for Structure Monitoring	Kopáčík	EN	GDE	OC	2/2 s	5

2nd Year WS	I1-EX_C	Excursion	Šoltész A.	EN	HTE	CC	1t./z	2
	I1-P1_C	Project 1	Rabensaifer	EN	KPS	CC	0/3 k	3
		Optional course ³		EN		OC	2/2 s	5
		Optional course ⁴		EN		OC	2/2 s	5
		Optional course ⁵		EN		OC	2/2 s	5
		Optional course ⁶		EN		OC	2/2 s	5
		Facultative course ¹		EN		FC	2/2 s	5
		Optional course ³	selecting a 1 course				total	30
	I1-CMS_C	Computer Modelling of Structures	Tvrďá	EN	SME	OC	2/2 s	5
	I1-FIM_C	Financial Management	Somorová	EN	TES	OC	2/2 s	5
	I1-MMH_C	Mathematical Modelling in Hydrology	Kohnová	EN	VHK	OC	2/2 s	5
		Optional course ⁴	selecting a 1 course					
	I1-BPR_C	Building Planning and Realization	Makýš P.	EN	TES	OC	2/2 s	5
	I1-HI_C	Hydroinformatics	Šoltész A.	EN	HTE	OC	2/2 s	5
	I1-SPSS_C	Special Problems in Steel Structures	Ároch	EN	KDK	OC	2/2 s	5
		Optional course ⁵	selecting a 1 course					
	I1-CB_C	Concrete Bridges	Halvonik	EN	BKM	OC	2/2 s	5
	I1-HUA_C	Hydrology in Urban Areas	Stanko	EN	ZEI	OC	2/2 s	5
	I1-TBR_C	Technology of Building Renovation	Makýš O.	EN	TES	OC	2/2 s	5
		Optional course ⁶	selecting a 1 course					
	I1-CTAT_C	Concrete Technology - Advanced Topics	Unčík	EN	MTI	OC	2/2 s	5
	I1-PPFP_C	Practical Problems in Flood Protection	Šoltész A.	EN	HTE	OC	2/2 s	5
	I1-SPGE_C	Special Problems of Geotechnical Engineering	Frankovská	EN	GTE	OC	2/2 s	5
		Facultative course ¹	selecting a 1 course					
	I1-CADHS_C	CAD in Hydraulic Structures	Šoltész A.	EN	HTE	FC	2/2 s	5
	I1-FE_C	Forensic Engineering	Petráková	EN	ÚSZ	FC	2/2 s	5
	I1-SPTTE_C	Special Problems of Transportation Engineering	Schlosser	EN	DOS	FC	2/2 s	5

2nd Year SS	I1-DTS_C	Diploma Thesis Seminar	Frankovská	EN	GTE	CC	0/6 k	6
	I1-P2_C	Project 2	Šoltész	EN	HTE	CC	0/4 k	4
	I1-DT_C	Diploma Thesis	Frankovská	EN	GTE	CC	0/10 s	12
	I1-STEX	State exam	Frankovská	EN	GTE	CC	s	4
		Optional course ⁷		EN		OC	2/2 k	4
	Optional course ⁷		selecting a 1 course			total		30
	I1-ATCS_C	Advanced Topics of Concrete Structures	Borzovič	EN	BKM	OC	2/2 k	4
	I1-ATS_C	Advanced Topics of Structures	Koleková	EN	SME	OC	2/2 k	4
	I1-ATTE_C	Advanced Topics of Transportation Engineering	Schlosser	EN	DOS	OC	2/2 k	4
	I1-BSM_C	Building Site Management	Makýš P.	EN	TES	OC	2/2 k	4
	I1-GIT_C	Ground investigation and testing	Frankovská	EN	GTE	OC	2/2 k	4
	I1-PDR_C	Ponds and detention reservoirs	Čistý	EN	VHK	OC	2/2 k	4
	I1-PS_C	Pumping stations	Barloková	EN	ZEI	OC	2/2 k	4
	I1-SHP_C	Small Hydropower Plants	Šoltész A.	EN	HTE	OC	2/2 k	4
	I1-SFP_C	Special Foundation Problems	Frankovská	EN	GTE	OC	2/2 k	4
	I1-TS_C	Timber Structures	Sandanus	EN	KDK	OC	2/2 k	4

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<i>Compulsory course</i>	CC	s	exam
<i>Optional course</i>	OC	k	classified credit
<i>Facultative course</i>	FC	z	credit

Facultative courses can be chosen from the list of facultative Courses, or any Course of all programs at any stage of the semester (if it is open), their number is arbitrary, the condition is to gain the appropriate number of the credits.