

**Civil Engineering**

(2<sup>nd</sup> 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.
1 <sup>st</sup> 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_S	Quality Management in CE	Gašparík	SK	TES	CC	2/1 s	4
	I1-SS_C	Steel Structures	Ároch	EN	KDK	CC	2/2 s	6
		Optional course <sup>1</sup>		EN		OC		5
		<b>Optional course <sup>1</sup></b>		<b>selecting a 1 course</b>		<b>total</b>		<b>30</b>
	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
	1 <sup>st</sup> Year SS	I1-CS_C	Concrete Structures	Borzovič	EN	BKM	CC	2/2 s
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 <sup>2</sup>		EN		OC		5
		<b>Optional course <sup>2</sup></b>		<b>selecting a 1 course</b>		<b>total</b>		<b>30</b>
I1-GISBS_C		GIS in Building Sciences	Janák	EN	GZA	OC	2/2 s	5
I1-SMSM_C		Surveying methods for structure monitoring	Kopáčik	EN	GDE	OC	2/2 s	5
2 <sup>nd</sup> Year WS		I1-EX_S	Excursion	Šoltész A.	SK	HTE	CC	1t./z
	I1-P1_C	Project 1	Rabensaifer	EN	KPS	CC	0/3 k	3
		Optional course <sup>3</sup>		EN		OC	2/2 s	5
		Optional course <sup>4</sup>		EN		OC	2/2 s	5
		Optional course <sup>5</sup>		EN		OC	2/2 s	5
		Optional course <sup>6</sup>		EN		OC	2/2 s	5
		<b>Facultative course <sup>1</sup></b>		EN		FC	2/2 s	5
		<b>Optional course <sup>3</sup></b>		<b>selecting a 1 course</b>		<b>total</b>		<b>30</b>
	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
		<b>Optional course <sup>4</sup></b>		<b>selecting a 1 course</b>				
	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-SPMS_C	Special Problems in Steel Structures	Ároch	EN	KDK	OC	2/2 s	5
		<b>Optional course <sup>5</sup></b>		<b>selecting a 1 course</b>				
	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
		<b>Optional course <sup>6</sup></b>		<b>selecting a 1 course</b>				
	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
		<b>Facultative course <sup>1</sup></b>		<b>selecting a 1 course</b>				
	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-SPTE_C	Special Problems of Transportation Engineering	Schlosser	EN	DOS	FC	2/2 s	5	

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

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