

STUDY PROGRAMME S – SMART CITIES

Guarantor of the study programme: *prof. Ing. Ondřej Přibyl, Ph.D.*

Compulsory courses	Course code	Assessment	Course guarantor (teacher)
Solutions of Smart and Resilience Cities	20SSR	E	<i>Svítek (Svítek, Horák)</i>
Smart Cities in Context of Contemporary Thinking	D05SMC	E	<i>Klement, Tourek</i>
Foreign language – English	15JAA	E	Lancová (Lancová)
or Foreign language – French	15JAF	E	Veselková
or Foreign language - German	15JAN	E	(Veselková)
or Foreign language – Russian	15JAR	E	Kusák (Kusák)
or Foreign language - Spanish	15JAS	E	Michlová (Michlová)
			Mráčková Vavroušová (Mráčková Vavroušová)
Compulsory optional courses	Course code	Assessment	Course guarantor (teacher)
Smart Mobility	11SM	E	Přibyl (Svítek, Matowicki)
Mathematical Methods of Data Analysis	11MMA	E	Nagy (Uglickich, Pecherková)
Theory of Spatial Development	D05TSD	A	Maier (Maier)
Research Methodology	D05RM	A	Vorel (Vorel, Pospíšil, Hoření Samec, Kalina, Achten)
Sustainable Cities and City Logistics	17SCL	A, E	Horák (Horák, Maier)
Integration of Urban Systems	D05IUS	E	Klokočka
Modeling for Territory Development	17PO	E	Vorel (Vorel, Čtyřoký)
Data Mining and Big Data	14DMB	E	Brandejský (Brandejský)
Technology and Security of Sensor Networks	20TSN	E	Lokaj (Lokaj)
Traffic Microsimulation	14TMS	A	Krčál (Krčál)
Urban Construction	D05UC	E	Zdráhalová
Optional course	Course code	Assessment	Course guarantor (teacher)
Scientific English	D05SE	E	Achten (Achten)

Note: E – Examination, A - Assignment