

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>Sedláková (Sedláková)</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	<i>Maier (Maier, Pospíšil)</i>
Sustainable Cities and City Logistics	17SCL	A, E	<i>Horák (Horák, Maier)</i>
Integration of Urban Systems	D05IUS	E	<i>Klokočka (Klokočka, Železný)</i>
Modeling for Territory Development	17PO	E	<i>Vorel (Vorel, Čtyřoký)</i>
Data Mining and Big Data	14DMB	E	<i>Brandejský (Brandejský)</i>
Technology and Security of Sensor Networks	23TSS	E	<i>Jirovský (Jirovský, Honzík)</i>
Traffic Microsimulation	14TMS	A	<i>Krčál (Krčál)</i>
Urban Construction	21NASY	E	<i>Socha (Háčík, Socha)</i>
Optional course	Course code	Assessment	Course guarantor (teacher)
Scientific English	D05SE	E	<i>Achten (Achten)</i>

Note: E – Examination, A - Assignment