Study plan

Name of study plan: Digitalizace ve stavebnictví - kombinovaná forma studia

Faculty/Institute/Others:
Department:
Branch of study guaranteed by the department: Welcome page
Garantor of the study branch:
Program of study: Digitalization in Civil Engineering
Type of study: Follow-up master combined
Required credits: 90
Elective courses credits: 0
Sum of credits in the plan: 90
Note on the plan: Studijní plán pro kombinovanou formu studia od akademického roku 2025/2026

Name of the block: Compulsory courses
Minimal number of credits of the block: 52
The role of the block: Z

Code of the group: NT202502_K
Name of the group: Digitalizace ve stavebnictví, 2. semestr
Requirement credits in the group: In this group you have to gain at least 28 credits
Requirement courses in the group: In this group you have to complete at least 8 courses
Credits in the group: 28
Note on the group:

Code	Name of the course / Name of the group of courses *(in case of groups of courses the list of codes of their members)* *Tutors,* **authors** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
125DNPS_K	**Digitization in HVAC Service Design and Operation**	Z,ZK	3	8B	L	z
126SYPR_K	**Management Support Systems**	Z,ZK	3	12B	L	z
154VMGD_K	**Advanced Methods in Geodesy and Digitization**	Z,ZK	4	12B	L	z
105PDKS_K	**Law in Digitization and Communication in Digital World**	KZ	3	12B	L	z
155DPFS_K	**Digitization in Operational Phase of Construction**	Z,ZK	4	12B	L	z
122DKKS_K	**Digitization of Quality Control in Civil Engineering**	Z,ZK	2	8B	L	z
124PNAV_K	**Parametric design**	Z	4	12B	L	z
126PJDS_K	**Project**	KZ	5	16B	L	z

Characteristics of the courses of this group of Study Plan: Code=NT202502_K Name=Digitalizace ve stavebnictví, 2. semestr

125DNPS_K	Digitization in HVAC Service Design and Operation	Z,ZK	3
126SYPR_K	Management Support Systems	Z,ZK	3
154VMGD_K	Advanced Methods in Geodesy and Digitization	Z,ZK	4
105PDKS_K	Law in Digitization and Communication in Digital World	KZ	3
155DPFS_K	Digitization in Operational Phase of Construction	Z,ZK	4
122DKKS_K	Digitization of Quality Control in Civil Engineering	Z,ZK	2
124PNAV_K	Parametric design	Z	4
126PJDS_K	Project	KZ	5

Code of the group: NT202503_K
Name of the group: Digitalizace ve stavebnictví, 3. semestr
Requirement credits in the group: In this group you have to gain at least 24 credits
Requirement courses in the group: In this group you have to complete at least 2 courses
Credits in the group: 24
Note on the group:

Code	Name of the course / Name of the group of courses *(in case of groups of courses the list of codes of their members)* *Tutors,* **authors** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
126DPDS_K	**Diploma Thesis**	Z	19	44B	Z	Z
126OPDS_K	**Professional Practice**	Z	5	32B	Z	Z

Characteristics of the courses of this group of Study Plan: Code=NT202503_K Name=Digitalizace ve stavebnictví, 3. semestr

126DPDS_K	Diploma Thesis	Z	19
126OPDS_K	Professional Practice	Z	5

Name of the block: Compulsory courses in the program
Minimal number of credits of the block: 30
The role of the block: P

Code of the group: NT202501_K
Name of the group: Digitalizace ve stavebnictví, 1. semestr
Requirement credits in the group: In this group you have to gain at least 30 credits
Requirement courses in the group: In this group you have to complete at least 8 courses
Credits in the group: 30
Note on the group:

Code	Name of the course / Name of the group of courses *(in case of groups of courses the list of codes of their members)* *Tutors,* **authors** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
126DSTA_K	**Digitalization in Civil Engineering**	ZK	4	12B	Z	P
126DATM_K	**Data Management**	Z,ZK	4	12B	Z	P
132PYT1_K	**Computing in Python 1**	Z	3	12B	Z	P
126DOCS_K	**Digitization in Construction Pricing**	Z,ZK	4	16B	Z	P
126DASY_K	**Database Systems**	Z,ZK	4	16B	Z	P
124DNRS_K	**Digitization in Design and Construction Execution**	KZ	4	16B	Z	P
126COMS_K	**Commissioning**	Z,ZK	3	8B	Z	P
126DKSZ_K	**Digital Communication and Contract Assurance**	Z,ZK	4	12B	Z	P

Characteristics of the courses of this group of Study Plan: Code=NT202501_K Name=Digitalizace ve stavebnictví, 1. semestr

126DSTA_K	Digitalization in Civil Engineering	ZK	4
126DATM_K	Data Management	Z,ZK	4
132PYT1_K	Computing in Python 1	Z	3
126DOCS_K	Digitization in Construction Pricing	Z,ZK	4
126DASY_K	Database Systems	Z,ZK	4
124DNRS_K	Digitization in Design and Construction Execution	KZ	4
126COMS_K	Commissioning	Z,ZK	3
126DKSZ_K	Digital Communication and Contract Assurance	Z,ZK	4

Name of the block: Compulsory elective courses
Minimal number of credits of the block: 8
The role of the block: PV

Code of the group: NT202502PV_K
Name of the group: Digitalizace ve stavebnictví, povinn volitelné p edm ty, 2. semestr
Requirement credits in the group: In this group you have to gain at least 2 credits
Requirement courses in the group: In this group you have to complete at least 1 course
Credits in the group: 2
Note on the group:

Code	Name of the course / Name of the group of courses *(in case of groups of courses the list of codes of their members)* *Tutors,* **authors** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
132YPYT2_K	**Computing in Python 2**	Z	2	8B	L	PV

132YMAT_K	**Computing in Matlab**	Z	2	8B	L	PV
126YVBA_K	**Computing in VBA**	Z	2	8B	L	PV

Characteristics of the courses of this group of Study Plan: Code=NT202502PV_K Name=Digitalizace ve stavebnictví, povinn volitelné p edm ty, 2. semestr

132YPYT2_K	Computing in Python 2	Z	2
132YMAT_K	Computing in Matlab	Z	2
126YVBA_K	Computing in VBA	Z	2

Code of the group: NT202503PV_K
Name of the group: Digitalizace ve stavebnictví, povinn volitelné p edm ty, 3. semestr
Requirement credits in the group: In this group you have to gain at least 6 credits
Requirement courses in the group: In this group you have to complete at least 3 courses
Credits in the group: 6
Note on the group:

Code	Name of the course / Name of the group of courses *(in case of groups of courses the list of codes of their members)* *Tutors,* **authors** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
126YASU_K	**Data Analysis and Machine Learning**	Z	2	8B	Z	PV
155YPMV_K	**Advanced Visualization Methods**	Z	2	8B	Z	PV
126YKBR_K	**Cybersecurity and IT Risk Management**	Z	2	8B	Z	PV
122YRST_K	**Robotic and Special Technologies**	Z	2	8B	Z	PV
125YENB_K	**Building Energy Efficiency**	Z	2	8B	Z	PV
126YMIS_K	**Managerial Information Systems**	Z	2	8B	Z	PV
134YTNK_K	**Information technology in Fundamentals of Sustainable Structural Design**	Z	2	8B	Z	PV

Characteristics of the courses of this group of Study Plan: Code=NT202503PV_K Name=Digitalizace ve stavebnictví, povinn volitelné p edm ty, 3. semestr

126YASU_K	Data Analysis and Machine Learning	Z	2
155YPMV_K	Advanced Visualization Methods	Z	2
126YKBR_K	Cybersecurity and IT Risk Management	Z	2
122YRST_K	Robotic and Special Technologies	Z	2
125YENB_K	Building Energy Efficiency	Z	2
126YMIS_K	Managerial Information Systems	Z	2
134YTNK_K	Information technology in Fundamentals of Sustainable Structural Design	Z	2

List of courses of this pass:

Code	Name of the course	Completion	Credits
105PDKS_K	Law in Digitization and Communication in Digital World	KZ	3
122DKKS_K	Digitization of Quality Control in Civil Engineering	Z,ZK	2
122YRST_K	Robotic and Special Technologies	Z	2
124DNRS_K	Digitization in Design and Construction Execution	KZ	4
124PNAV_K	Parametric design	Z	4
125DNPS_K	Digitization in HVAC Service Design and Operation	Z,ZK	3
125YENB_K	Building Energy Efficiency	Z	2
126COMS_K	Commissioning	Z,ZK	3
126DASY_K	Database Systems	Z,ZK	4
126DATM_K	Data Management	Z,ZK	4
126DKSZ_K	Digital Communication and Contract Assurance	Z,ZK	4
126DOCS_K	Digitization in Construction Pricing	Z,ZK	4
126DPDS_K	Diploma Thesis	Z	19
126DSTA_K	Digitalization in Civil Engineering	ZK	4
126OPDS_K	Professional Practice	Z	5
126PJDS_K	Project	KZ	5
126SYPR_K	Management Support Systems	Z,ZK	3

126YASU_K	Data Analysis and Machine Learning	Z	2
126YKBR_K	Cybersecurity and IT Risk Management	Z	2
126YMIS_K	Managerial Information Systems	Z	2
126YVBA_K	Computing in VBA	Z	2
132PYT1_K	Computing in Python 1	Z	3
132YMAT_K	Computing in Matlab	Z	2
132YPYT2_K	Computing in Python 2	Z	2
134YTNK_K	Information technology in Fundamentals of Sustainable Structural Design	Z	2
154VMGD_K	Advanced Methods in Geodesy and Digitization	Z,ZK	4
155DPFS_K	Digitization in Operational Phase of Construction	Z,ZK	4
155YPMV_K	Advanced Visualization Methods	Z	2

For updated information see http://bilakniha.cvut.cz/en/FF.html
Generated: day 2025-03-14, time 10:52.