

2nd Year

No. crt	Course	Code	3 rd Semester					4 th Semester					
			C	S	L	P	Cred	C	S	L	P	Cred	
1	Special mathematics	MS03	2	2			4						
2	Strength of materials II	RM03	3	2			7						
3	Statics and stability of constructions I	SSC03	3	2			6						
4	Hydraulics	HDR03	2	2			5						
5	Engineering drawing and computer graphics II	DTI03			4		4						
6	Engineering geology	GEO03	1		1		2						
7	Foreign language III – French	LSF03	1	1			2						
	Foreign language III – English	LSE03											
	Foreign language III – German	LSG03											
	Foreign language III - Spanish	LSS03											
8	Physical education and sport III	EF03		1			1						
9	Building thermotechnics	TERM04						2	1				3
10	Statics and stability of constructions II	SSC04						3	2	1			6
11	Computer programming and programming languages II	PCLP04						1		3			4
12	Theory of elasticity and plasticity	TEP04						2	1				4
13	Reinforced and prestressed concrete I	BAPO4						3	2				5
14	Roads for communications	CCOM04						2		1			4
15	Foreign language IV – French	LSF04						1	1				2
	Foreign language IV – English	LSE04											
	Foreign language IV – German	LSG04											
	Foreign language IV – Spanish	LSS04											
16	Physical education and sport IV	EF04							1				1
17	Technological practice (60 hours/semester)	PTH04											2

3rd Year

No. crt.	Course	Code	5 th Semester					6 th Semester						
			C	S	L	P	Cred	C	S	L	P	Cred		
1	Dynamics of structures and seismic engineering	DS05	3	2	1		6							
2	Geotechnical engineering	GT05	3		2		5							
3	Timber construction	CL05	2		2		4							
4	Reinforced and prestressed concrete II	BAPD05	1		1		3							
5	General economy	EG05	1				2							
6	Basics of bridge design	BPP05	2	1			3							
	Structures for bridges	SP05												
7	Basics of fire safety in construction	SI05	2				2							
	Urbanism and landscaping	UAT05												
8	Roads I	DRU05	2				3							
9	Roads I – Project	DRUP05				2	2							
10	Reinforced concrete bridges I	PBA06						3					4	
11	Reinforced concrete bridges I - Project	PBAP06									2		2	

12	Roads II	DRU06						2		2		4
13	Roads II – Project	DRUP06									2	2
14	Steel constructions	CMT06						2		2		3
15	Foundations	FD06						3				4
16	Foundations - Project	FDP06									3	2
17	Finite element method	MF06						2		2		3
18	General course of constructions	CGC06						1				2
19	Construction machinery and equipment	MIC06						1				2
20	Practice (90 hours/semester)	PS06										2

4th Year

No. crt.	Course	Code	7 th Semester					8 th Semester					
			C	S	L	P	Cred	C	S	L	P	Cred	
1	Reinforced concrete bridges II	PBA07	3				4						
2	Reinforced concrete bridges II - Project	PBAP07				2	2						
3	Steel bridges I	PM07	2				3						
4	Steel bridges I - Project	PMP07				3	3						
5	Railways I	CF07	2		2		5						
6	Computer aided design	PAC07	2		2		3						
	Testing of buildings	INC07											
7	Tunnels and metropolitan	TM07	2		1		3						
	Underground construction	CS07											
8	Organizing construction works	ORG07	2		2		5						
	Constructions sustainability	SC07											
9	Environmental engineering	IM07	1	1			2						
	Renewable energy sources	SR07											
10	The technology of railway works	TCF08						2	2				3
	The technology of road works	TD08											
	The technology of bridge and tunnel works	TP08											
11	Steel bridges II	PM08						2					2
12	Steel bridges II - Project	PMP08									2		2
13	Roads III	DR08						2					2
14	Roads III - Project	DRP08									2		2
15	Maintenance and rehabilitation of roads and railways	IDC08						2					2
	Maintenance and rehabilitation of concrete bridges	IPB08											
	Maintenance and rehabilitation of steel bridges	IPM08											
	Maintenance and rehabilitation of streets	IST08											
16	Railways II	CF08						3					3
17	Railways II - Project	CFP08									2		2
18	Constructions management	MC08						2					2
19	Diploma specialised project	EPD08									6		5
20	Practice – diploma project completion	PRD08											5