



**FACULTY OF CIVIL ENGINEERING (CONSTRUCTION) AND
INFRASTRUCTURE**

**CIVIL ENGINEERING AND INFRASTRUCTURE MASTER
CURRICULUM**

Pristina, 2024

First Year: 60 ECTS

1ST SEMESTER: 30 ECTS

			Weekly Hours			
No	Type	Course	L	P	ECTS	Lecturer
1	M	Engineering Geology	2	2	5	Dr. Hazir Cadraku; Dr. Hysen Ahmeti
2	M	Advanced Construction Materials	2	2	5	Dr. Muhamet Ahmeti; Dr. Visar Krelani: Cand. Dr. Driton Kryeziu
3	M	Environmental Engineering	2	1	4	Dr. Afrim Syla; Dr.Elvida Pallaska
4	M	Structural Engineering	2	2	5	Dr. Nebi Plana; Cand.Dr.Arsim Rapuca
5	M	Construction Management	2	2	5	Dr. Muhamet Ahmeti; Dr. Anjeza Alaj; Dr. Besa Jagxhiu
6	E	Elective: (students should choose two courses)	2	0	6	
		Technical English 1				Dr. Fatbardha Qehaja
		Technical German 1				Dr. Majlinda Ferati
		Economy in Civil Engineering				Dr. Emine Daci, Marjan Ivezaj
		Concrete with Special Properties				Dr. Visar Krelani, Cand. Dr. Driton Kryeziu
		Sustainable Building				Dr. Visar Hoxha, Dr. Elvida Pallaska,
		Application of Geographic Information System (GIS) in Civil Engineering				Dr. Hazir Cadraku, Dr. Edon Maliqi, MSc. Dafina Tmava
		Computer Integrated Engineering				Dr. Feti Selmani, Dr. Besnik Skenderi, Msc. Driton Ibrahimimi, Gent Hasimja
		Mathematical Methods in Engineering and Modelling				Dr. Bledian Nela, Dr. Gelina Maliqi
		Industrial Psychology and Organization				Dr. Denis Celcima, Dr. Ibush Luzha
Engineering Law, Ethics and Society	Dr. Hazir Çadraku: MSc. Rame Hamzaj,					

		Virtual Reality (VR)				Dr. Edmond Hajrizi, Dr. Zymer Veliu,
2nd SEMESTER: 30 ECTS						
1	M	Infrastructure Engineering	2	2	5	Dr. Nol Dedaj, Dr. Beni Kizolli, Dr. Bekim Selimi
2	M	Hydrologic Engineering	2	2	5	Dr. Skender Bublaku, Cand. Dr. Blerte Retkoceri,
3	M	Construction Technology	2	2	4	Dr. Muhamet Ahmetim, Dr. Anjeza Alaj
4	E	Elective: (students should choose four courses)	2	2	16	
		Advanced Structural Analysis				Dr. Feti Selmani, Cand. Dr. Ilir Hetemi
		Advanced Concrete Structures				Dr. Nebi Pllana, Cand. Dr. Arberesha Kastrati
		Durability of Structures				Dr. Visar Krelani, Dr. Cand. Dr. Driton Kryeziu
		Theory of Elasticity and Plasticity				Dr. Feti Selmani, Dr. Bledian Nela
		Retrofitting of Structures				Dr. Bledian Nela, Cand. Dr. Arsim Rapuca
		Experimental methods and laboratory testing for civil engineering applications				Dr. Nebi Pllana, Dr. Bledian Nela
		Hydrotechnical Structures 2				Dr. Skender Bublaku, Cand. Dr. Blerte Retkoceri
		River Engineering and restoration				Dr. Ilir Abdullahu, Dr. Alban Kuriqi
		Water Protection				Dr. Hazir Cadraku, Cad. Dr. Blerte Retkoceri
		Wastewater treatment				Dr. Ilir Abdullahu, Dr. Skender Bublaku
		Urban Hydrology				Dr. Sc. Skender Bublaku, Dr. Sc. Ilir Abdullahu
		Road Equipment and Signalling				Dr. Nol Dedaj, Dr. Beni Kizolli
		Railway Engineering				Dr. Beni Kizolli, Dr. Bekim Selimi

		Urban Traffic				Dr. Nol Dedaj, Dr. Beni Kizolli
		Airports and Seaports engineering				Dr. Beni Kizolli, Dr. Visar Baxhuku,
		Tunnels and Subway				Dr. Sc. Hysen Ahmeti, Dr. Sc. Visar Baxhuku, Dr. Beni Kizolli
		System Information's				Dr. Agim Zuzaku, Dr. Edon Maliqi
		Recycled Materials in Constructions				Dr. Muhamet Ahmeti, Dr. Anjeza Alaj
		Construction Regulation				Dr. Ibush Luzha, Rame Hamzaj
		Quality Assurance and Management				Dr. Edmond Hajrizi, Dr. Ibush Luzha, Cand. Dr. Driton Kryeziu
		Building Energy Efficiency				Dr. Sc. Kreshnik Muhaxheri, Dr. Elvida Pallaska, Msc. Marigona Krasniqi
		Human Resources Management				Dr. Sc. Artan Tahiri, Dr. Sc. Fisnik Bytyqi
3 ^d SEMESTER: 30 ECTS						
1	M	Bridges and precast structures	2	2	5	Dr. Nebi Pllana, Dr. Bledian Nela, Cand. Dr. Arsim Rapuca
2	M	Advanced construction technology	2	2	5	Dr. Muhamet Ahmeti, Dr. Naser Morina,
3	M	Hydrogeology	2	2	4	Dr. Hazir Cadraku, Dr. Hysen Ahmeti
4	E	Elective: (students should choose four courses)				
5	E	Advanced Steel Structures	2	2	16	Dr. Visar Krelani, Arber Muqaj. B. Dal Lago, M. Brecolotti
		Dynamics of Structures				Dr. Feti Selmani, Cand. Dr. Ilir Hetemi
		Laminated Timber Structures				Dr. Visar Krelani, Cad.Dr. Ilir Hetemi
		Earthquake Engineering				Dr. Nebi Pllana, Cand. Dr. Arberesha Kastrati
		Stability of Structures				Dr. Bledian Nela, Dr. Feti Selmani
		Advanced Construction Management				Dr. Anjeza Alaj, Dr. Ylber Limani

		Contract management in construction works				Dr. Anjeza Alaj, Rame Hamzaj,
		Building and Infrastructure Maintenance Management				Dr. Muhamet Ahmeti, Dr. Naser Morina, Dr. Binak Beqaj,
		Construction Appraisal and Investment				Dr. Visar Hoxha, Marjan Ivezaj
		Road Body Structure				Dr. Bekim Selimi, Dr. Hysen Ahmeti
		Highway Design				Dr. Beni Kizolli, Dr. Visar Baxhuku
		Traffic and Infrastructure Projects				Dr. Bekim Selimi, Dr. Nol Dedaj
		Traffic Safety Audits				Dr. Beni Kizolli, Dr. Nol Dedaj
		Hydraulics				Dr. Skender Bublaku, Cand. Dr. Blerte Retkoceri
		Advanced Hydrologic Engineering				Dr. Alban Kuriqi, Cand. Dr. Blerte Retkoceri
		Water Resource Management				Dr. Hazir Çadraku, Dr. Ilir Abdullahu
		Water and Sewage System				Dr. Ilir Abdullahu, Dr. Skender Bublaku
		Water use, irrigation and drainage				Dr. Skender Bublaku, Dr. Hazir Cadraku
		Software Application in Civil Engineering and Infrastructure				Different Profile Professors/ Visiting University Partner Professors
4th SEMESTER: 30 ECTS						
1	M	Academic Writing and Research Methods	2	2	5	Dr. Ylber Limani, Dr. Votim Hanolli Visiting University Partner Professors
2	M	Complex Capstone Project	2	2	5	Different Professors/ Visiting University Partner Professors
3	M	Thesis	-	-	20	Different Professors/Visiting University Partner Professors