

COURSE CATALOG – CIVIL ENGINEERING

Type of Study: Undergraduate professional study

Semesters: 6

ECTS: 180

	Code	Course	Student workload (L + S + T)	ECTS credits
1st semester (Winter)	129527	Geology for Civil Engineers*	30 0 15	4.0
	129529	Chemistry*	30 0 15	4.0
	129531	Mathematics I*	45 0 45	6.0
	129533	Descriptive Geometry*	45 0 45	6.0
	129536	Technical Informatics	15 0 30	3.0
	129540	Technical Mechanics I*	30 0 30	5.0
	129546	Foreign Language I – English*	15 0 15	2.0
2nd semester (Summer)	129550	Building Elements	30 0 15	4.0
	129551	Ethics*	30 0 15	2.0
	129553	Physics	45 0 30	5.0
	129554	Geodesy	30 0 30	3.0
	129557	Mathematics II*	45 0 45	6.0
	129559	History of Construction	30 0 15	3.0
	129562	Technical Mechanics II*	30 0 30	5.0
	129565	Foreign Language II - English*	15 0 15	2.0
3rd semester (Winter)	129657	Geomechanics I	30 0 30	4.0
	129659	Construction Equipment	30 0 15	3.0
	129660	Construction Materials	30 0 30	4.0
	129661	Hydraulics	30 0 30	4.0
	129662	Hydrology	30 0 15	3.0
	129663	Resistance of Materials	30 0 30	5.0
	129664	Concrete Technology	45 0 30	4.0
	129665	Fundamentals of Construction Law	30 0 15	3.0
	129666	Construction Economics	30 0 15	3.0
	129667	Choice from other HEI – 3rd semester	30 0 15	3.0
4th semester (Summer)	129668	Concrete Contructions	30 0 30	5.0
	129669	Geomechanics II	30 0 30	5.0
	129670	GIS	15 0 30	3.0
	129671	Water Facility Construction	30 0 15	4.0
	129673	Metal and Wooden Objects	45 0 30	5.0
	129674	Professional Training I	0 0 0	5.0
	129675	Water Supply and Sewerage	30 0 15	3.0

Building Construction

5th semester (Winter)	129676	General Building Regulations	30 0 15	4.0
	129677	Building Organization	30 0 30	5.0
	129678	Traffic Routes	45 0 30	6.0
	129679	Physical Planning and Urbanism*	30 0 15	3.0
	129680	Foundations*	30 0 30	5.0
	129681	Environmental Protection*	30 0 15	3.0
	129682	Building Construction I	30 0 15	4.0
6th semester (Summer)	129690	Earthquake Resistant Construction*	30 0 15	4.0
	129692	Professional Training II	0 0 0	5.0
	129693	Final Year Project	0 0 0	15.0
	129694	Prefabricated Construction	30 0 15	3.0
	129695	Building Construction II	30 0 15	3.0
	129696	Finishing and Installation Works*	30 0 15	3.0

	129698	Concrete Objects II	30 0 15	3.0
	129699	Choice from other HEI – 6th semester	30 0 15	3.0

Construction Engineering

5th semester (Winter)	129683	Geotechnics*	30 0 30	5.0
	129676	General Building Regulations	30 0 15	4.0
	129677	Building Organization	30 0 30	5.0
	129678	Traffic Routes	45 0 30	6.0
	129679	Physical Planning and Urbanism*	30 0 15	3.0
	129688	Regulations and Meliorations*	30 0 15	4.0
	129681	Environmental Protection*	30 0 15	3.0
6th semester (Summer)	129690	Earthquake Resistant Construction*	30 0 15	4.0
	129692	Professional Training II	0 0 0	5.0
	129703	Final Year Project	0 0 0	15.0
	129694	Prefabricated Construction	30 0 15	3.0
	129705	Waste Management*	30 0 15	3.0
	129706	Road Maintenance	30 0 15	3.0
	129698	Concrete Objects II*	30 0 15	3.0
	129699	Choice from other HEI – 6th semester	30 0 15	3.0

L - LECTURES, S - SEMINARS, T – TUTORIALS

Elective courses in italic

*** Courses available in English**