

CIVIL ENGINEERING BSC FROM 2025										
Specialization in Structural Engineering										
Core subjects										
Subject Name	Code	Cr.	LE	SE	LA	F/V	Sem.	Preliminary Requirement I	Preliminary Requirement II	Preliminary Requirement III
Mathematics Support Course	BMETEMIBsMMAT0-00	3		2		F	1			
Mathematics A1	BMETEMIBsMMAT1-00	6	4	1		V	1			
Statics Support Course	BMEEOTMBsFC001-00	3		2		F	1			
Statics	BMEEOTMBsFC002-00	5	1	4		V	1			
Civil Engineering Representation and Drawing	BMEEOEMBsfC001-00	3		2		F	1			
Geology	BMEEOGMBsFC001-00	3	1		2	V	1			
Surveying I.	BMEEOAFBsFC001-00	4	1		2	V	1			
Programming Basics	BMEEOFTBsFC001-00	3			2	F	1			
Civil Engineering Orientation	BMEEODHBsFC001-00	0	1	1		A	1			
Mathematics A2	BMETEMIBsMMAT2-00	6	4	1		V	2	F BMETEMIBsMMAT1-00		
Strength of Materials	BMEEOTMBsFC003-00	5	1	3		V	2	A BMEEOTMBsFC002-00	F BMEEOTMBsFC001-00	
Environmental Protection	BMEEOVKBsFC001-00	4	2	1		F	2			
Building Constructions I.	BMEEOEMBsfC002-00	5	2	1	2	F	2	F BMEEOEMBsfC001-00		
Soil Mechanics	BMEEOGMBsFC002-00	4	2	2		V	2	F BMEEOTMBsFC002-00	F BMEEOGMBsFC001-00	
Surveying II.	BMEEOAFBsFC002-00	4	1		2	V	2	A BMEEOAFBsFC001-00		
Surveying Field Course	BMEEOAFBsFC003-00	2			48 f	F	2	P BMEEOAFBsFC002-00		
PE 1		0				A	2			
Mathematics A3	BMETEMIBsMMAT3-00	3	1	2		F	3			
Civil Engineering Mechanics	BMEEOTMBsFC004-00	3	2			F	3	F BMEEOTMBsFC002-00	A BMEEOTMBsFC003-00	
Basis of Design	BMEEOHSBsFC001-00	3	2			F	3	F BMEEOTMBsFC002-00		
Earthworks	BMEEOGMBsFC003-00	3	1	1		V	3	A BMEEOGMBsFC002-00		
Construction Materials and Civil Engineering Chemist	BMEEOEMBsfC003-00	6	3		2	V	3	A BMEEOTMBsFC002-00		
Roads	BMEEOUVBsFC001-00	4	2	1		V	3			
Hydraulics	BMEEOVVBsFC001-00	3	1	1		V	3			
AEC Digitalization	BMEEOFTBsFC002-00	5	2		1	F	3	F BMEEOFTBsFC001-00		
PE 2		0				A	3			
Role of Civil Engineers in Sustainability	BMEEOEMBsfC004-00	3	2			F	4	F BMEEOVKBsFC001-00		
Steel Structures I.	BMEEOHSBsFC002-00	3	2	1		F	4	F BMEEOTMBsFC003-00	A BMEEOTMBsFC004-00	F BMEEOHSBsFC001-00
Reinforced Concrete Structures I.	BMEEOHSBsFC003-00	3	2	1		F	4	F BMEEOTMBsFC003-00	A BMEEOTMBsFC004-00	F BMEEOHSBsFC001-00
Public Works	BMEEOVKBsFC002-00	3	2			V	4			
Railway Tracks	BMEEOUVBsFC002-00	4	2	1		V	4			
Construction Management I.	BMEEPEKBsXKIV1-00	4	2	1		F	4	F BMEEOEMBsfC002-00	F BMEEOGMBsFC002-00	
Basics of Hydraulic Engineering	BMEEOVVBsFC002-00	6	2	2		V	4			
Foundation Engineering	BMEEOGMBsFC004-00	4	1	2		V	4	F BMEEOGMBsFC002-00	A BMEEOGMBsFC003-00	A BMEEOTMBsFC003-00
Economic & Human Subjects										
Economic & Human Subjects 01		3					5			
Economic & Human Subjects 02		3					6			
Economic & Human Subjects 03		5					7			
Economic & Human Subjects 04		3					8			
English courses										
English for Civil Engineering 1.	BMEGT60LNGKA03-00	4					1			
English for Civil Engineering 2.	BMEGT60LNGKA04-00	4					2			
Elective subject		4					7			
Specialization in Structural Engineering										
Subject Name	Code	Cr.	LE	SE	LA	F/V	Sem.	Preliminary Requirement I	Preliminary Requirement II	Preliminary Requirement III
Reinforced Concrete Structures II.	BMEEOHSBsFS001-00	4	2	1		F	5	F BMEEOHSBsFC003-00	F BMEEOEMBsfC002-00	
Steel Structures II.	BMEEOHSBsFS002-00	4	3			F	5	F BMEEOHSBsFC002-00		
Bridges and Infrastructures	BMEEOHSBsFS003-00	4	2	1		V	5	F BMEEOHSBsFC002-00	F BMEEOHSBsFC003-00	
Building Constructions II.	BMEEOEMBsfS001-00	6	2	2	1	V	5	F BMEEOEMBsfC002-00		
Analysis Methods of Structures	BMEEOTMBsFS001-00	6	2	2		V	5	F BMEEOTMBsFC003-00	P BMEEOTMBsFC004-00	
Timber and Masonry Structures	BMEEOHSBsFS004-00	3	2			F	5	F BMEEOTMBsFC003-00	F BMEEOHSBsFC001-00	
Construction Materials II.	BMEEOEMBsfS002-00	3	1		2	V	6	F BMEEOEMBsfC003-00		
Underground Structures, Deep Found.	BMEEOGMBsFS001-00	4	2	1		F	6	A BMEEOGMBsFC004-00	F BMEEOGMBsFC003-00	
Building Constructions III.	BMEEOEMBsfS003-00	3	1	1		V	6	F BMEEOEMBsfS001-00		
Steel Buildings	BMEEOHSBsFS005-00	6	3	1		V	6	F BMEEOHSBsFS002-00		
Reinforced Concrete Buildings	BMEEOHSBsFS006-00	6	3	1		V	6	F BMEEOHSBsFS001-00	F BMEEOHSBsFS004-00	
Structural Design Project work	BMEEOHSBsFS009-00	4		2		F	6	F BMEEOHSBsFS004-00	F BMEEOHSBsFS001-00	F BMEEOGMBsFC004-00
Laboratory Practice of Testing of Structures and Mat	BMEEOHSBsFS011-00	3			2	F	7	F BMEEOHSBsFC002-00	F BMEEOHSBsFC003-00	
Construction Management II.	BMEEOEMBsfS004-00	5	1	2		V	7	F BMEEPEKBsXKIV1-00		
Internship	BMEEOHSBsFS010-00	0				A	7	F BMEEPEKBsXKIV1-00	F BMEEOHSBsFS001-01	F BMEEOHSBsFS002-01
Structural Design and Technology	BMEEOHSBsFS012-00	6	3	1		F	7	F BMEEOHSBsFS002-00	F BMEEOHSBsFS001-00	
Compulsory Elective 1		3					7			
Project Work	BMEEOHSBsFS013-00	6		2		F	7	150 credits in core and specialisation subjects		
Compulsory Elective 2		3					8			
Bachelor Thesis	BMEEOHSBsFS014-00	15		1		F	8	According to Dean's Order		
Compulsory Elective Subjects of the Specialization in Structural Engineering										
Concrete Technology	BMEEOEMBsfS005-00	3	2			V		F BMEEOEMBsfC003-00		
Point Cloud Technologies	BMEEOFTBsFS001-00	3	1		1	F				
Geoinformatics	BMEEOFTBsFS003-00	3	1		1	F				
Rock Mechanics	BMEEOGMBsFS004-00	3	1		1	F				
Engineering Geology	BMEEOGMBsFS008-00	3	1	1		V		F BMEEOEMBsfC003-00		
Surveying Application in Civil Engineering	BMEEOAFBsFS016-00	3			2	F				
Underground Construction	BMEEOGMBsFS003-00	3		2		F		F BMEEOGMBsFC004-00		
Fire Resistance	BMEEOEMBsfS015-00	3		2		F		F BMEEOEMBsfC003-00		

Pass the following prerequisite subjects, achieving an average grade of at least 3:

- BMEEOTMBsFC004-01
- BMEEOHSBsFC002-01
- BMEEOHSBsFC003-01

+ Pass the subject Strength of Materials BMEEOTMBsFC003-01 with a grade of at least 3