Bangladesh University of Engineering and Technology, Dhaka Department of Civil Engineering

Date: 20.04.2019

NOTICE

The following courses will be offered to the under-graduate Civil Engineering students of

L1TI, L2TI, L3TI & L4TI

Level	Term	Course Number, Title and Credit Hour/Week	Status of Course	Selection Basis/Remark
1	I	 CE 101 Analytic Mechanics (3.0) CHEM 103 Chemistry I (3.0) MATH 137 Differential and Integral Calculus, Matrices (3.0) PHY 101 Physical Optics, Waves and Oscillation, Hea and Thermodynamics (3.0) HUM 375 Government (2.0) – (Section A) HUM 355 Sociology (2.0) – (Sections B & C) CE 100 Civil Engineering Drawing (1.5) CHEM 114 Inorganic Quantitative Analysis (1.5) PHY 102 Physics Lab. (1.5) 	C C C C C C C C C	Total 18.5 credits
2	Ι	 CE 201 Engineering Materials (3.0) CE 203 Engineering Geology and Geomorphology (3.0) CE 211* Mechanics of Solids I (3.0) CE 200 Details of Construction (1.5) CE 202 Materials Sessional (1.5) CE 204 Computer Programming Sessional (1.5) CE 210 Architectural, Engineering and Planning Appreciation (1.5) HUM 353 Accounting (2.0) MATH 237 Laplace Transform and Vector Analysis (3.0) 	C C C C C C C C C	Total 20.0 credits
3	I	CE 301Professional Practices and Communication (3.0)CE 311*Structural Analysis and Design I (4.0)CE 315Design of Concrete Structures I (3.0)CE 331Environmental Engineering I (3.0)CE 341*Principles of Soil Mechanics (4.0)CE 302Professional Practices and Communication Sessional (1.5)CE 332Environmental Engineering Laboratory (1.5)CE 342Geotechnical Engineering Laboratory (1.5)	C C C C C C C C C	Total 21.5 credits

Level	Term	AR zale	Course Number, Title and Credit Hour/Week	Status of Course	Selection Basis/Remark
		CE 401	Project planning and Construction Management (4.0)	С	
		CE 411*	Structural Analysis and Design II (3.0)	С	
		CE 441	Foundation Engineering (3.0)	С	
		CE 451	Transportation Engineering II: Pavement	С	
			Design and Railway Engineering (4.0)		Total 21.5
4	I	WRE 451	Hydrology, Irrigation and Flood Management (3.0)	С	credits
	di secili	CE 410	Concrete Structures Design Sessional II (1.5)	С	
		CE 452	Transportation Engineering Sessional I:	С	
			Highway Materials and Traffic Engineering		
			Design (1.50)	- 29 T	
		CE 400**	Project and Thesis (1.50)	С	
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C: Compulsory; O: Optional
*: Registration of this course requires obtaining minimum F grade in its pre-requisite course.
**: To register in division of specialization from Structural, Environmental, Geotechnical, and Transportation Engineering.