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| **Civil Engineering**  Bangladesh University of Engineering and Technology | | |
| **CORE: CE** | | |
| 01 | CE | BASIC - Analytic Mechanics |
| 02 | CE | BASIC - Mechanics of Solids 1 |
| 03 | CE | BASIC - Mechanics of Solids 2 |
| 04 | CE | BASIC - Engineering Materials (with Sessional) |
| 05 | CE | BASIC - Engineering Geology and Geomorphology |
| 06 | CE | BASIC - Surveying |
| 07 | CE | BASIC - Numerical Methods |
| 08 | CE | BASIC - Applied Mathematics of Engineering |
| 09 | CE | CIVIL - Professional Practices and Communication (with Sessional) |
| 10 | CE | CIVIL - Project Planning and Construction Management |
| 11 | CE | STRUCTURE - Structural Analysis |
| 12 | CE | STRUCTURE - Design of Concrete Structures 1 |
| 13 | CE | STRUCTURE - Design of Concrete Structures 2 |
| 14 | CE | STRUCTURE - Design of Steel Structures |
| 15 | CE | STRUCTURE - Analysis of Indeterminate Structures |
| 16 | CE | ENVIRONMENTAL - Environmental Engineering 1 (with Sessional) |
| 17 | CE | ENVIRONMENTAL - Environmental Engineering 2 (with Sessional) |
| 18 | CE | GEOTECHNICAL - Principles of Soil Mechanics |
| 19 | CE | GEOTECHNICAL - Foundation Engineering |
| 20 | CE | TRANSPORTATION - Transportation Engineering 1 (Transportation Planning and Traffic) |
| 21 | CE | TRANSPORTATION - Transportation Engineering 2 (Pavement Design and Railways) |
| 22 | CE | Engineering Computation Sessional |
| 23 | CE | Civil Engineering Drawing Sessional |
| 24 | CE | Computer Aided Drafting Sessional |
| 25 | CE | Practical and Quantity Surveying Sessional |
| 26 | CE | Structural Mechanics and Materials Sessional |
| 27 | CE | Architectural Engineering and Planning Appreciation Sessional |
| 28 | CE | Details of Construction Sessional |
| 29 | CE | Bridge Design Sessional |
| 30 | CE | Building Design Sessional |
| 31 | CE | Steel Structures Design Sessional |
| 32 | CE | Geotechnical Engineering Sessional |
| 33 | CE | Transportation Engineering 1: Highway Materials and Traffic Engineering Design Sessional |
| 34 | CE | Undergraduate Thesis |
| 35 | CE | Capstone Project |
| **CORE: SCINECT AND TECHNOLOGY** | | |
| 01 | MATH | Differential and Integral Calculus |
| 02 | MATH | Differential Equations |
| 03 | MATH | Laplace Transform and Vector Analysis |
| 04 | MATH | Matrices and Statistics |
| 05 | PHY | Physical Optics, Wave and Oscillation, Heat and Thermodynamics (Sessional) |
| 06 | PHY | Structure of Matter, Electricity and Magnetism, Modern Physics (Sessional) |
| 07 | CHE | Chemistry |
| 08 | CHE | Inorganic Quantitative Analysis Sessional |
| 09 | IPE | Engineering Economics |
| 10 | WRE | Fluid Mechanics (with Sessional) |
| 11 | WRE | Open Channel Flow (with Sessional) |
| 12 | WRE | Hydrology, Irrigation and Flood Management |
| 13 | EEE | Basic Electrical Technology |
| 14 | CSE | Computer Programming Sessional |
| 15 | SHOP | Workshop Sessional |
| **ELECTIVE: CIVIL ENGINEERING (Any One Course)** | | |
| 01 | CE | Sustainability of Development Projects |
| 02 | CE | Business and Career Development |
| 03 | CE | Principles of Project Finance |
| **ELECTIVE: STRUCTURAL ENGINEERING (Can Choose)** | | |
| 01 | CE | Introduction to Steel-Concrete Composite Structures |
| 02 | CE | Pre-stressed Concrete |
| 03 | CE | Design of Concrete Structures 3 |
| 04 | CE | Introduction to Finite Element Method |
| 05 | CE | Dynamics of Structures |
| **ELECTIVE: ENVIRONMENTAL ENGINEERING (Can Choose)** | | |
| 01 | CE | Solid and Hazardous Waste Management |
| 02 | CE | Environmental Pollution Management |
| 03 | CE | Basic Environmental Management |
| **ELECTIVE: GEOTECHNICAL ENGINEERING (Can Choose)** | | |
| 01 | CE | Earth Retaining Structures |
| 02 | CE | Elementary Soil Dynamics |
| 03 | CE | Soil-Water Interaction |
| **ELECTIVE: TRANSPORTATION ENGINEERING (Can Choose)** | | |
| 01 | CE | Transportation Engineering 3 (Traffic Engineering Design and Management) |
| 02 | CE | Transportation Engineering 4 (Pavement Management, Drainage and Airport) |
| 03 | CE | Transportation Engineering 5 (Urban Transportation Planning and Management) |