

Faculty Members;

Professor Dr. Jahir Bin Alam

Head

Bashir Ahmed

Senior Lecturer

Md. Jahidul Haque Khan

Senior Lecturer

Sarah Binte Faruque

Senior Lecturer

Tanvir Shams Qureshi

Lecturer

A. A. Masrur Ahmed

Lecturer



Field wise distribution of courses

The course curriculum designed for CE department is internationally recognized. The summary of the syllabus is given in the following table.

Sl No.	Fields of Courses	Credit
A	Language Social Science Economics	7.5
B	Basic Sciences : Physics Chemistry	25.0
C	Basic Engineering	21.0
D	Core Courses with Project/Thesis work	111.0
	Total =	164.5 credits

A student has to complete a minimum of 160 credits for B. Sc. (Engg.) degree.

Edited and Designed by:

A. A. Masrur Ahmed

Lecturer

Department of...

CIVIL ENGINEERING



LEADING UNIVERSITY

A Promise to lead

CE as a World class Engineering Discipline:

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance, of the physical and natural built environment, including works such as bridges, roads, canals, dams and buildings and also deals with water purification and sewage treatment. The term Civil engineering is the oldest engineering discipline after military engineering, and it is referred as Father of Engineering.

Civil Engineers play ever-increasing and visible roles in shaping our future and the world we live in. They deal, not only with the technical and scientific aspects of their work, but also with its social and economic impact. They seek creative solutions to complex issues facing the world today: engineering sustainable cities; designing, building and renewing the world's infrastructure; meeting growing energy and water demands; and preserving and protecting the environment.

Civil Engineering, LU at a Glance:

Civil Engineering abbreviated as CE, one of the Engineering Department s, was established with an objective of keeping pioneering role to mitigate environmental and structural problems of Bangladesh as well as of the entire human race.

CE department offers four years B. Sc. (Engg.) in civil engineering degree program. Currently there are three batches of students are studying here at different academic sessions.

CE Mission:

- Provide quality and essential education to undergraduate and graduate students through formal classes and support life-long learning through continuing education short courses and workshops.
- Provide service to the college and university, local, state and federal governments, and private industry, and supporting professional organizations and society.

CE, Areas

- ❖ Structural Engineering
- ❖ Environmental Engineering
- ❖ Geotechnical Engineering
- ❖ Transportation Engineering
- ❖ Water Resource Engineering

CE facilities:

Water Supply & Sewerage Engineering Laboratory

A modern water laboratory has been established to determine physical, chemical and biological water -and waste water quality parameters including pH, TS, DS, SS, Color, Odor, Turbidity, CO₂, Alkalinity, Arsenic, Manganese, Iron, Hardness, Faecal Coliform, Chlorides, BOD, COD, DO, Nitrate Nitrogen, Calcium, Magnesium, Residual Chlorine, Sulfate, Conductivity, Oil & Grease and Ammonia.

Env. Pollution Control Laboratory

This lab will be equipped with Gas chromatographer (GC). Spectrophotometer, Noise Meter, Air Sampler, Jar Test, Noise level, Heavy Metals, Organic Matter Air Quality Parameters, Soil nutrients, Coagulant dose etc. are usually determined here.

Engineering Materials Laboratory

Material's properties including Normal Consistency, Initial and Final Setting Time, Fineness of Cement, Compressive Strength of Concrete Beam, Block, Cylinder; Sieve Analysis; Silt and Clay of Aggregate;

Soil Mechanics Laboratory

Moisture Content, Permeability, Specific Gravity, Grain Size Analysis, Atterburg Limit, Unconfined Compressive Strength, Consolidation and CBR Test of Soil samples are determined.

Surveying

The lab. Will be with Theodolite. Level Machine, Plain Table, Engineering & Gunter Chain, Compass etc.

Computational & Modeling Laboratory

This State of the Art laboratory is equipped with Computer, Different Application Softwares including AutoCad, ArcView, and Grasp.

Library and Computer Lab

Leading University central library is enriched with Text Books, Reference Books and International Technical Journals. Students are allowed to use books from here. LU also has couple of computer lab to enrich the knowledge of the upcoming leaders.