



BSc in Civil Engineering

A typical program sequence is shown below:

Faculty: Engineering

Minimum Years: 4 years

Program Code: 1021

Program Structure:

A typical programme sequence is shown below.

YEAR 1

1. Mathematics
2. Physics
3. Engineering Computing
4. Engineering Design
5. Engineering Mechanics
6. Electives Including: Engineering Materials
7. Engineering Infrastructure Systems

YEAR 2

1. Mechanics of Solids
2. Engineering Mathematics
3. Principles of Water Engineering
4. Engineering Construction
5. Structural Analysis and Modeling
6. Sustainability Transport & Highway Engineering
7. Engineering Computations for Civil Engineers
8. General Education Courses

YEAR 3

1. Applied Geotechnics and Engineering Geology
2. Water Resources Engineering
3. Engineering Operations and Control
4. Soil Mechanics
5. Steel Structures
6. Water Resources Engineering
7. Water and Wastewater Engineering
8. Civil Engineering Practice

YEAR 4

1. Honours Thesis
2. General Education Courses
3. Professional Electives