

Name of Program: Civil Engineering (Internation Program) (2025 Revision)

Curriculum structure and minimum required credits.

Course Group	Credits
A. General Education Courses	24
B. Specific Civil Engineering Courses	117
B1. Mathematics and Sciences Courses	30
B2. Basic Engineering Courses	24
B3. Compulsory Civil Engineering Courses	45
B4. Elective Civil Engineering Courses	12
B5. Compulsory Elective Study Courses	6
C. Free Electives	6
Total	147

Curriculum of Regular Path

Year 1 Semester 1

Code	Course Title	Credits
96641007	DIGITAL CITIZEN	3 (3-0-6)
96641009	INTERCULTURAL COMMUNICATION SKILLS IN ENGLISH 1	3 (3-0-6)
01006710	INTRODUCTION TO CALCULUS	3 (3-0-6)
01006723	GENERAL PHYSICS 1	3 (3-0-6)
01006724	GENERAL PHYSICS LABORATORY 1	1 (0-3-2)
01006727	GENERAL CHEMISTRY	3 (3-0-6)
01006728	GENERAL CHEMISTRY LABORATORY	1 (0-3-2)
01006803	ENGINEERING MECHANICS	3 (3-0-6)
	Total	20

Year 1 Semester 2

Code	Course Title	Credits
96641010	INTERCULTURAL COMMUNICATION SKILLS IN ENGLISH 2	3 (3-0-6)
9664XXXX	GENERAL EDUCATION COURSES	3 (x-x-x)
01006711	ADVANCED CALCULUS	3 (3-0-6)
01006715	COMPUTER PROGRAMMING	3 (2-2-5)
01006725	GENERAL PHYSICS 2	3 (3-0-6)
01006726	GENERAL PHYSICS LABORATORY 2	1 (0-3-2)
01006802	ENGINEERING DRAWING	3 (2-2-5)
01006804	ENGINEERING MATERIALS	3 (3-0-6)
	Total	22

Year 2 Semester 1

Code	Course Title	Credits
96644xxx	LANGUAGE AND COMMUNICATION COURSES	3 (x-x-x)
9664xxxx	GENERAL EDUCATION COURSES	3 (x-x-x)
01006717	DIFFERENTIAL EQUATIONS	3 (3-0-6)
01006719	PROBABILITY AND STATISTICS 1	3 (3-0-6)
01326231	MECHANICS OF MATERIALS 1	3 (3-0-6)
01326262	HYDRAULICS LABORATORY	1 (0-3-2)
01326601	HYDRAULICS	3 (3-0-6)
	Total	19

Year 2 Semester 2

Code	Course Title	Credits
9664xxxx	GENERAL EDUCATION COURSES	3 (x-x-x)
01326233	ADVANCED MATHEMATICS FOR CIVIL ENGINEERING	3 (3-0-6)
01326243	CONCRETE TECHNOLOGY	3 (2-3-6)
01326244	CIVIL ENGINEERING MATERIALS AND TESTING	3 (2-3-6)
01326332	THEORY OF STRUCTURES	3 (3-0-6)
01326253	SURVEYING	4 (3-3-8)
	Total	19

Year 3 Semester 1

Code	Course Title	Credits
9664xxxx	GENERAL EDUCATION COURSES	3 (x-x-x)
01326254	SURVEYING CAMP	1 (0-80-0)
01326271	INTRODUCTION TO ENVIRONMENTAL PRINCIPLES FOR SUSTAINABILITY	3 (3-0-6)
01326303	REINFORCED CONCRETE DESIGN	4 (3-2-6)
01326322	SOIL MECHANICS LABORATORY	1 (0-3-2)
01326324	SOIL MECHANICS	3 (3-0-6)
01326333	STRUCTURAL ANALYSIS	3 (3-0-6)
	Total	18

Year 3 Semester 2

Code	Course Title	Credits
01326102	CONSTRUCTION ENGINEERING AND MANAGEMENT	3 (3-0-6)
01326302	TIMBER AND STEEL DESIGN	3 (3-0-6)
01326325	GEOTECHNICAL ENGINEERING	4 (3-2-7)
01326354	HIGHWAY ENGINEERING	3 (3-0-6)
01326415	CONSTRUCTION ESTIMATION AND COST ANALYSIS	3 (2-3-6)
01326493	CE PROJECT 1	3 (0-6-3)
0132XXXX	(CE ELECTIVE)	3 (x-x-x)
	Total	22

Year 3 Special Semester

Code	Course Title	Credits
01006805	INDUSTRIAL INTERNSHIP	0 (0-45-0)
	Total	0

Year 4 Semester 1

Code	Course Title	Credits
01326494	CE PROJECT 2	3 (0-6-3)
0132XXXX	(CE ELECTIVE)	3 (x-x-x)
0132XXXX	(CE ELECTIVE)	3 (x-x-x)
XXXXXXXX	(FREE ELECTIVE)	3 (x-x-x)
	Total	12

Year 4 Semester 2

Code	Course Title	Credits
01326355	TRANSPORTATION ENGINEERING AND LOGISTICS	3 (3-0-6)
01326492	INTEGRATED PROFESSIONAL CIVIL ENGINEERING DESIGN	3 (1-4-4)
01326602	HYDRAULIC ENGINEERING	3 (3-0-6)
0132XXXX	(CE ELECTIVE)	3 (x-x-x)
XXXXXXXX	(FREE ELECTIVE)	3 (x-x-x)
	Total	15