

Curriculum of Regular Path

Name of Program: Civil Engineering (Internation Program) (2020 Revision)

Course (Department, Number, Title) List all courses in the program by term starting with the first term of the first year and ending with the last term of the final year.	Indicate Whether Course is Required, Elective or a Selected Elective by an R, an E or an SE. ¹	Subject Area (Credit Hours)		
		Math & Basic Sciences	Engineering Topics Check if Contains Significant Design (√)	Other
1.1 1st Year/ 1st Semester				
01006715 COMPUTER PROGRAMMING	R		3	
01006710 INTRODUCTION TO CALCULUS	R	3		
01006723 GENERAL PHYSICS I	R	3		
01006724 GENERAL PHYSICS LABORATORY I	R	1		
01006802 ENGINEERING DRAWING	R		3	
01006804 ENGINEERING MATERIALS	R		3	
01006500 (ESL) ACADEMIC LISTENING AND SPEAKING	R			None
010065XX (GENED ELECTIVE)	SE			3*
1.2 1st Year/ 2nd Semester				
01006711 ADVANCED CALCULUS	R	3		
01006725 GENERAL PHYSICS II	R	3		
01006726 GENERAL PHYSICS LABORATORY II	R	1		
01006727 GENERAL CHEMISTRY	R	3		
01006728 GENERAL CHEMISTRY LABORATORY	R	1		
01006803 ENGINEERING MECHANICS	R		3	
01006501 (ESL) ACADEMIC READING AND WRITING	R			None
010065XX (GENED ELECTIVE)	SE			3
010065XX (GENED ELECTIVE)	SE			3
96641004 TEAM-PROJECT 1	R			1
2.1 2nd Year/ 1st Semester				
01006717 DIFFERENTIAL EQUATIONS	R	3		
01006719 PROBABILITY AND STATISTICS 1	R	3		
01326231 MECHANICS OF MATERIALS 1	R		3	
01326601 HYDRAULICS	R		3	
01326262 HYDRAULICS LABORATORY	R		1	
01006519 (REQUIRED GENED): INTRODUCTION TO ENVIRONMENTAL PRINCIPLES	R	3		
010065XX (GENED ELECTIVE)	SE			3
2.2 2nd Year/ 2nd Semester				
01326233 ADVANCED MATHEMATICS FOR CIVIL ENGINEERING	R	3		
01326241 CONCRETE AND CIVIL ENGINEERING MATERIALS	R		3	
01326242 CIVIL ENGINEERING MATERIALS TESTING LABORATORY	R		1	
01326312 CONSTRUCTION TECHNOLOGY	R		3	
01326332 THEORY OF STRUCTURES	R		3	
01326221 ENGINEERING GEOLOGY AND ENVIRONMENT	R	3		
01326251 SURVEYING	R		4	
96641005 TEAM-PROJECT 2	R			1

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		Math & Basic Sciences	Engineering Topics Check if Contains Significant Design (✓)	Other
3.1 3 rd Year/1 st Semester				
01326333 STRUCTURAL ANALYSIS	R		3	
01326506 GEOTECHNICAL ENGINEERING	R		3 (✓)	
01326322 SOIL MECHANICS LABORATORY	R		1	
01326502 HIGHWAY AND TRANSPORTATION ENGINEERING	R		3 (✓)	
01326301 REINFORCED CONCRETE DESIGN	R		4 (✓)	
01326252 SURVEYING CAMP	R		1	
0132XXXX CE ELECTIVE	SE			3*
010065XX (GENED ELECTIVE)	SE			3
3.2 3 rd Year/2 nd Semester				
01326602 HYDRAULIC ENGINEERING	R		3 (✓)	
01326342 TIMBER AND STEEL DESIGN	R		3 (✓)	
0132XXXX CE ELECTIVE	SE			3
01326495 CE PROJECT PREPARATION	SE			3
010065XX (GENED ELECTIVE)	SE			3
010065XX (GENED ELECTIVE)	SE			3
96641006 TEAM-PROJECT 3	R			1
3.3 3 rd Year/3 rd Semester				
01006805 INDUSTRIAL INTERNSHIP	R		0	
4.1 4 th Year/1 st Semester				
01326499 CE PROJECT	SE			3
XXXXXXXXXX (FREE ELECTIVE)	SE			3*
0132XXXX CE ELECTIVE	SE			3
0132XXXX CE ELECTIVE	SE			3
010065XX (GENED ELECTIVE)	SE			3
4.2 4 th Year/2 nd Semester				
01326101 CONSTRUCTION ENGINEERING AND MANAGEMENT	R		3	
01326498 CAPSTONE PROJECT	R		3 (✓)	
XXXXXXXXXX (FREE ELECTIVE)	SE			3
0132XXXX CE ELECTIVE	SE			3
TOTALS (in terms of semester credit hours)		33 Hours	60 Hours	54 Hours

1. **Required** courses are required of all students in the program, **elective** courses (often referred to as open or free electives) are optional for students, and **selected elective** courses are those for which students must take one or more courses from a specified group.