

## DEGREE IN CIVIL ENGINEERING

YEAR	SEMESTER	CODE	SUBJECT	CREDITS	KIND OF SUBJECT
1	1	106200	Mathematical Foundations of Engineering I	6	Basic Education
		106201	Physical Foundations of Engineering I	6	Basic Education
		106202	Graphic Expression I	6	Basic Education
		106210	Chemistry of Materials	3	Obligatory
		106211	Environmental Chemistry	3	Obligatory
	106203	Business Organization	6	Basic Education	
	2	106204	Mathematical Foundations of Engineering II	6	Basic Education
		106205	Physical Foundations of Engineering II	6	Basic Education
		106206	Graphic Expression II	6	Basic Education
		106207	Computing	6	Basic Education
106212		Topography	6	Obligatory	
2	1	106208	Geology	6	Basic Education
		106213	Electric technology	6	Obligatory
		106209	Mathematical Foundations of Engineering III	6	Basic Education
		106214	Technical Mechanics	3	Obligatory
	106215	Construction Materials	9	Obligatory	
	2	106216	Strength of Materials	6	Obligatory
		106217	Environmental Impact	3	Obligatory
		106260	Geotechnical	6	Obligatory
		106218	Hydrology	6	Obligatory
106219		Hydraulic	9	Obligatory	
3	1	106108	Structural Analysis	6	Basic Education
		106119	Applied Statistics in Civil Engineering	6	Obligatory
		106124	Sanitary Engineering	9	Obligatory
		106126	Roads	6	Obligatory
		106133	Prevention, Safety and Health	3	Obligatory
	2	106278	Structural Technology	6	Obligatory
		106279	Procedures for Construction and Machinery	6	Obligatory
		106266	Hydrogeology	6	Obligatory
		106267	Hydraulic Works and Installations	6	Obligatory
		106268	Urban Services	6	Obligatory
4	1	106269	Urban and Regional Planning	6	Obligatory
		106286	Railways	3	Obligatory
		106270	Energy and Hydroelectric Systems	6	Obligatory
		106287	Transportation	6	Obligatory
		106271	Fluvial Hydraulics	3	Obligatory
		106272	Environmental Engineering	3	Obligatory
		Elective 1 (*)	3	Elective	
	2	106274	Planning and Management of Water Resources	9	Obligatory
		106273	Legislation	3	Obligatory
		106280	Organization, Measurement and Valuation of Works	3	Obligatory
		Elective 2 (*)	3	Elective	
106222	Final Project	12	FP		

CODE	SUBJECT	CREDITS	KIND OF SUBJECT
106288	Business Practices	3	Elective
106281	Geological Mapping in Engineering Projects	3	Elective
106282	Geographic Information Systems	3	Elective
106283	Mathematical Modelling in Engineering	3	Elective
106284	Expansion of Geotechnical	3	Elective
106289	English	3	Elective