

DEGREE IN ENGINEERING TECHNOLOGY IN MINES AND ENERGY

YEAR	SEMESTER	CODE	SUBJECT	CREDITS	KIND OF SUBJECT
1	1	106100	Graphic Expression I	6	Basic Education
		106102	Physical Foundations of Engineering I	6	Basic Education
		106112	Topography, Cartography and Photogrammetry	6	Obligatory
		106106	Mathematical Foundations of Engineering I	6	Basic Education
		106109	Chemistry	6	Basic Education
	2	106101	Graphic Expression II	6	Basic Education
		106103	Physical Foundations of Engineering II	6	Basic Education
		106105	Computing	6	Basic Education
		106107	Mathematical Foundations of Engineering II	6	Basic Education
		106104	Geology	6	Basic Education
2	1	106113	Technical Mechanics	3	Obligatory
		106134	Mineralogy and Petrology	3	Obligatory
		106118	Thermotechnics	6	Obligatory
		106122	Electrical engineering I	6	Obligatory
		106111	Mathematical Foundations of Engineering III	6	Obligatory
		106110	Business	6	Basic Education
	2	106114	Theory of Structures and Construction	6	Obligatory
		106116	Fluid Mechanics and Hydraulics	6	Obligatory
		106117	Geotechnical	6	Obligatory
		106126	Electrical engineering II	6	Obligatory
106115	Materials	3	Obligatory		
106136	Hydrology	3	Obligatory		
3	1	106108	Statistics	6	Basic Education
		106119	Legislation	3	Obligatory
		106124	Basic Operations in Process Engineering	6	Obligatory
		106126	Technology of Fuels and Combustion	4.5	Obligatory
		106133	Mineral Reservoirs	4.5	Obligatory
		106132	Explosives	6	Obligatory
	2	106121	Engineering Job	3	Obligatory
		106135	Hydrogeology	6	Obligatory
		106137	Exploration Geophysics and Geochemistry	6	Obligatory
		106138	Drillings	6	Obligatory
106140	Tillage and Underground Works I	6	Obligatory		
Elective 1 (*)		3	Elective		
4	1	106120	Environmental Engineering	3	Obligatory
		106123	Projects	3	Obligatory
		106128	Power Generation Central	6	Obligatory
		106131	Renewable Energy	6	Obligatory
		106141	Tillage and Underground Works II	6	Obligatory
		106139	Reservoir Modelling	3	Obligatory
		Elective 2 (*)		3	Elective
	2	106125	Oil Refining, Petrochemicals and Carbochemical	6	Obligatory
		106129	Markets, Logistics and Distribution of Electrical Energy & Fuels	3	Obligatory
		106130	Nuclear engineering	4.5	Obligatory
106142	Treatment Plants and Manufacturing	4.5	Obligatory		
106143	Final Project	12	FP		
		CODE	SUBJECT	CREDITS	KIND OF SUBJECT
		106144	Geological Mapping of Engineering Projects	3	Elective
		106145	Mathematical Modelling in Engineering	3	Elective
		106146	Kinetics and Design of Chemical Reactors	3	Elective
		106147	Process Simulation	3	Elective
		106148	Expansion of Geotechnical	3	Elective
		106149	Ecology and Planning	3	Elective
		106170	English	3	Elective