

# Computer Engineering

DEGREE PROGRAM



Introductory course in University Studies		YEAR 01		YEAR 02		YEAR 03		YEAR 04		YEAR 05	
1 <sup>st</sup> Period	2 <sup>nd</sup> Period	3 <sup>rd</sup> Period	4 <sup>th</sup> Period	5 <sup>th</sup> Period	6 <sup>th</sup> Period	7 <sup>th</sup> Period	8 <sup>th</sup> Period	9 <sup>th</sup> Period	10 <sup>th</sup> Period		
Introduction to Academic Reading and Writing	Introduction to Mathematical Analysis	Fundamental of Computing	Mathematical Analysis II	Statistics and Probability	Digital Signal Processing	Embedded Systems	Software Engineering	Supervised Professional Practice	Research Methodology		
University, Society and Knowledge	Fundamentals of Informatics	Mathematical Analysis I	Economics	Physics III	Computer Architecture	Operating Systems	Elective Course I	Business Management	Final Project		
Contemporary Problems	General Chemistry	Algebra and Analytic Geometry	Language: English II	Programming	Digital Electronics	Computer Networks	Data Communication	Legislation	Computer Engineering IV		
Introduction to Academic Maths and Statistics	Physics I	Graphical Representation of Systems	Physics II	Analog Electronics	Materials and Devices	Language: English IV	Machine Learning and Big Data	Environmental Management	Elective Course II		
	Algorithms and Data Structures	Language: English I	Computer Engineering I	Language: English III	Computer Engineering II	Database	Computer Engineering III	Fundamentals of Computing Security			
ELECTIVE COURSES I and II		Protocols of Industrial Communication	Real-time Distributed Operating Systems	Drivers and I/O Devices	Advanced Embedded Systems	Cloud Computing					

Bachelor's Degree in Computer Engineering