INFORMATION SYSTEMS PROGRAM

STUDY PLAN
ACADEMIC SEMESTER 2023 – II

CODE	TERM / COURSE	CREDITS	REQUIREMENT	
	I			
09066801051	Discrete Math	5	- - - - - - - - - - -	
09066301040	Analytic Geometry	4	- - - - - - - - - - -	
09000301030	Philosophy	3	- - - - - - - - - - -	
09990601020	Intercultural Citizenship	2	- - - - - - - - - - -	
09230001020	Introduction to Information Systems	2	- - - - - - - - - - -	
09000201020	Spanish	2	- - - - - - - - - - -	
09071001020	Study Methods	2	- - - - - - - - - - -	
TR000501010	Activities I	1	- - - - - - - - - - -	
TR000101010	English I (*)	1		
		22		
	II			
09036602050	Linear Algebra	5		
09065502050	Calculus I	5	09066801051	09066301040
09111402051	Introduction to Programming	5	09066801051	
09066502032	Web Design Fundamentals	3	09230001020	
09127402031	Introduction to Economy	3	09990601020	
TR000602010	Activities II	1	TR000501010	
TR000202010	English II (*)	1	TR000101010	
		23		
	III			
09005303051	Algorithms and Data Structures I	5	09111402051	
09005603053	Physics I	5	09036602050	09065502050
09111503051	Information Technology I	5	09111402051	
09005403040	Statistics and Probabilities I	4	09065502050	
09127603031	Information Systems	3	09066502032	
		22		
	IV			
09006904051	Algorithms and Data Structures II	5	09005303051	
09007404052	Physics II	5	09005603053	
09006004040	Statistics and Probabilities II	4	09005403040	
09007704041	Microeconomy	4	09127402031	
09114904041	Information Technology II	4	09111503051	
		22		
	V			
09093205052	Process Management (*)	5	09006904051	09127603031
09008905051	Database Theory and Design (*)	5	09006904051	
09012205045	General Accounting	4	80 Credits Approved	
09009005044	Administrative Engineering	4	09007704041	
09140005040	Operating Systems and Platforms	4	09114904041	
		22		
	VI			
09011906051	Software Engineering I (*)	5	09093205052	09140005040
09067106051	Programming I (*)	5	09008905051	
09013106042	Costs Engineering	4	09012205045	
09008506043	Operations Research I	4	09006004040	09230001020
09008806041	Systems General Theory	4	09009005044	
		22		
	VII			
09013707051	Software Engineering II	5	09011906051	
09014507042	Financial Management	4	09013106042	
09140707040	Artificial Intelligence	4	09067106051	
09140507020	Software Architecture for IS	2	09011906051	
09990707010	Disability and Inclusion	1	133 Credits Approved	
	Elective	6		
		22		

CODE	TERM / COURSES	CRÉDITOS	REQUISITOS	
	VIII			
09112108050	Project Workshop (*)	5	09013707051	09140707040
09128808041	Business Architecture	4	09008806041	09140507020
09072108041	System Design and Implementation	4	09013707051	
09054808041	Projects Formulation and Evaluation (*)	4	09014507042	
09066408041	IT Resources Management	4	09013707051	
09140108020	Introduction to Research and Computer Science	2	156 Credits Approved	
		23		
	IX			
09093409042	Business Intelligence	4	09128808041	
09067009041	IT Strategic Planning	4	09066408041	
09067309041	Project I (*)	4	09112108050	09054808041
09067909041	Information Systems Security and Audit	4	09072108041	
09066709021	Oratory and Leadership	2	100 Credits Approved	
	Elective	2		
	Elective	2		
		22		
	X			
09134910041	Digital Marketing	4	09054808041	
09007010041	Project II (*)	4	09067309041	
09003410022	Ethics and Moral	2	170 Credits Approved	
09991210012	Pre-professional practices (*)	1	154 Credits Approved 6 meses de PPP realizadas	
	Elective	11		
		22		

ASIGNATURAS ELECTIVAS DE ESPECIALIDAD

SISTEMAS DE INFORMACIÓN

CÓDIGO	ASIGNATURAS	CRÉDITOS	REQUISITOS	
090861E1041	Database Administration	4	09008905051	
090205E1040	E-commerce	4	134 Credits Approved	
090933E1040	Knowledge Management	4	150 Credits Approved	
091119E1042	Integrated Management Systems - ERP	4	09066408041	
090608E1041	Business Creativity Workshop	4	09112108050	
091406E1030	Big Data	3	150 Credits Approved	
092301E7020	External Rotation IS (**)	2	09011906051 09067106051 09013106042 09008806041 09008506043	

TECNOLOGÍAS DE INFORMACIÓN

CÓDIGO	ASIGNATURAS	CRÉDITOS	REQUISITOS
090675E2041	Networks and Connectivity I (CCNA I Cisco)	4	09140005040
090676E2041	Networks and Connectivity II (CCNA II Cisco) (**)	4	090675E2041
090677E2041	Networks and Connectivity III (CCNA III Cisco) (**)	4	090676E2041
090862E2041	Information Security	4	09067909041

INGENIERÍA DE SOFTWARE

CÓDIGO	ASIGNATURAS	CRÉDITOS	REQUISITOS
090658E3041	Software Quality (**)	4	091124E3041
090672E3041	Programming II (**)	4	09067106051
091124E3041	Software Testing	4	09013707051
090659E7020	Applications Development I (**)	2	09067106051
090660E8020	Applications Development II (**)	2	090659E7020

ASIGNATURAS ELECTIVAS LIBRES

CÓDIGO	ASGNATURAS	CRÉDITOS	REQUISITOS
091126E4041	Games Development	4	09013707051
09061700040	Strategic Management	4	120 Credits Approved
09085209041	Project Management - PMI	4	09054808041
09011607043	Operations Research II	4	09008506043
092302E9020	Entrepreneurship Fundamentals	3	09112108050
090147E4021	Organizational Behavior	2	09009005044
09086300021	Innovation Management	2	09054808041
092303E3020	Social Projection (**)	2	- - - - - - - - - - - -
099913E1020	Quechua (**)	2	176 Credits Approved

(*) Courses that will be taught virtually in the academic semester 2023-II.

(**) Elective courses that will not be taught in the 2023-I academic semester.

REQUIREMENTS TO OBTAIN THE ACADEMIC DEGREE OF BACHELOR IN INFORMATION SYSTEMS

1. Have passed at least a total of two hundred and twenty-two (222) credits.
2. Have passed all mandatory courses, which add up to a total of 201 credits.
3. Have passed at least 21 credits in Elective courses.
4. Accredit, in accordance with the current Regulations of Degrees and Titles, knowledge of the English language or another language at the required level.
5. Others, as indicated in the Regulations of Degrees and Titles in force.