

Requisitos y su equivalencia en universidades de Estados Unidos

Medicine (MD)						
Requisitos	Equivalencia	Carolina	Cupey	Gurabo		
Biology (8	BIOL 203 - GENERAL BIOLOGY I 4 CREDITS	х	х	х		
	An introductory survey of current biological concepts for students majoring in the sciences. Emphasis will be placed on topics which include characteristics of living things, scientific method, biologically important compounds and molecules, cells, energy and metabolism, genetics, evolution and ethical aspects related to technology and scientific research.					
credits)	BIOL 204 - GENERAL BIOLOGY II 4 CREDITS	х	х	х		
	General biology course for natural sciences students. Include the following topics: biodiversity, basic concepts of anatomy and physiology of plants and animals, ecology and ethical aspects related to technology and scientific research.					
Chemistry (8	CHEM 203 GENERAL CHEMISTRY I 4 CREDITS	х	Х	х		
	Emphasis in this course is aimed to the study of the states of the matter, atomic and molecular structures, nomenclature of inorganic compounds, classification of elements in the periodic table, chemical bond, chemical equations and reactions, stoichiometry. In the laboratory students are trained in the use of basic laboratory techniques such as the use of volumetric equipment, titration and qualitative analysis. Students are taught to keep a good laboratory notebook and safety on the laboratory.					
Chemistry (8	students are trained in the use of basic laboratory techniques such as the use of volumetric ec		ind qualitative			
Chemistry (8 credits)	students are trained in the use of basic laboratory techniques such as the use of volumetric ec		nd qualitative			

Organic	CHEM 351 - ORGANIC CHEMISTRY I 4 CREDITS	Х	х	х	
	The Organic chemistry course studies the carbon and hydrogen compounds and its derivatives with others heteroatom such as: halogens, oxygen, nitrogen, sulfur, phosphorus and some metals. This course discusses the nomenclature and physical properties of the different families of organic compounds. The synthetic methods and the reactions of the alkanes, alkenes, cycloalkanes, alkynes, dienes, alkyl halides, aromatic compounds, and derivatives are also presented. Emphasis is done the reactions mechanisms, specially: SN1, SN2, E-1, E-2, double and triple bonds additions, electrophilic aromatic substitutions in benzene and its derivatives, alcohols dehydration, aldol condensation, Cannizzaro reaction, epoxidation of alkenes, Sandmeyer reaction and Cope and Hofmann amines elimination.				
	CHEM 352 - ORGANIC CHEMISTRY II 4 CREDITS	х	х	х	
Chemistry (8 credits)	The Organic chemistry course studies the carbon and hydrogen compounds and its derivatives oxygen, nitrogen, sulfur, phosphorus and some metals. This course discusses the nomenclature an organic compounds. The synthetic methods and the reactions of the alkanes, alkenes, cycloalka compounds, and derivatives are also presented. Emphasis is done the reactions mechanisms, sp bonds additions, electrophilic aromatic substitutions in benzene and its derivatives, alcohols d reaction, epoxidation of alkenes, Sandmeyer reaction and Cope and Hofmann amines elimination course discusses the structural, geometrical and optical isomerism, emphasizing the conditions the spectroscopic method of analysis and identification of functional group and structure assignment as spectroscopy.	d physical propertie anes, alkynes, dienes pecially: SN1, SN2, E- ehydration, aldol co . With respect to the chat have to be fulfil	s of the differe s, alkyl halides, ·1, E-2, double ndensation, Ca e compound st led for them to	nt families of aromatic and triple nnizzaro ructure, the e exist. The	
	PHSC 203 - GENERAL PHYSICS I 4 CREDITS	х	Х	Х	
Physics (8 credits)	The course provides skills to understand the world that surrounds the student. The student will learn to explain physical phenomena and will discover principles and laws that have connections with other disciplines and apply to analog phenomena and broader situations. This way, he will recognize the broad scope of Physics. For this, the student will strengthen the correct use of the language of the discipline, perform cooperative experiments where will manipulate instruments and take measurements that will report clearly and precisely. Topics are covered in sequential manner, integrating an inductive and deductive format. The applications cover from the simple free fall to orbiting satellites, based on the laws of movement and their relation with energy. Slightly emphasisis given on integral calculus. Student will be evaluated with a variety of instruments, in class as well as online Course.				
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Mathematics (6	This course develops introductory concepts of algebra such as, the study of rational numbers, re expressions, linear equations, uneven linear, and polynomial concepts. It emphasizes problem so areas of knowledge. The course also focuses on the development of quantitative reasoning comp technology and information. In addition to the three (3) weekly conference hours required, the st hours.	olving applied to dail etence and it integr	ly life situations ates the respor	s and other nsible use of
credits)	MATH 121 - INTERMEDIATE ALGEBRA 3 CREDITS			x
Behavioral and	This course covers factorization of polynomials, linear inequalities, problem solving; absolute-value equations and inequalities; operations and simplifications with algebraic fractions; linear equation graphics, linear equations systems and solution methods; graphics, substitution and elimination. Topics include inequalities for two variables and rational exponentials, as well as solution of radical expressions, equations involving radicals, and quadratic inequalities. Emphasis is on problem-solving.			
	SOGS 201 - HUMAN BEING AND SOCIAL CONSCIOUSNESS 3 CREDITS	x	Х	Х
	The course studies the social interaction and socialization processes that human beings undergo, from different theoretical perspectives. Exploration and explanation of the ways in which social stability is produced and reproduced over time. Critical analysis of social life, with the human being as primary subject and agent within the social structure. Emphasis on the development of different ideologies, forms of thought, and worldviews through which people interpret, and contribute to the production and reproduction of the social whole. The course contributes to the student's scholarly formation by providing a better understanding of the self within diverse social, cultural, and historical contexts. It is a competency-based course that encourages the responsible use of technology and information. This course will develop primary competencies such as, Critical thinking, Scientific inquiry, and Ethics and diversity, through the analysis and reflection on the topics and problems previously mentioned that permit the student to evaluate and propose solutions in regards to them.			
	human being as primary subject and agent within the social structure. Emphasis on the developm and worldviews through which people interpret, and contribute to the production and reproduction to the student's scholarly formation by providing a better understanding of the self within diverse competency-based course that encourages the responsible use of technology and information. T such as, Critical thinking, Scientific inquiry, and Ethics and diversity, through the analysis and refl	nent of different ide ion of the social who e social, cultural, an his course will deve lection on the topics	ologies, forms ble. The course d historical con lop primary co	of thought, contributes itexts. It is a mpetencies
Behavioral and Social Science* (6 credits)	human being as primary subject and agent within the social structure. Emphasis on the developm and worldviews through which people interpret, and contribute to the production and reproduction to the student's scholarly formation by providing a better understanding of the self within diverse competency-based course that encourages the responsible use of technology and information. T such as, Critical thinking, Scientific inquiry, and Ethics and diversity, through the analysis and refl	nent of different ide ion of the social who e social, cultural, an his course will deve lection on the topics	ologies, forms ble. The course d historical con lop primary co	of thought, contributes itexts. It is a mpetencies
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Spanish (3 credits)	This course develops paragraph writing competencies and the characteristics and methods for the organization of ideas through the reading and analysis of texts. Basic elements of communication and the Spanish language are studied, in addition to the features of narrative and descriptive discourse. The course is based on the development of communicative competence and critical thinking, and it integrates the responsible use of technology and information.				
	ENGS 152 - FUNDAMENTALS OF SPEAKING, READING, AND WRITING ENGLISH I 3 CREDITS	x	x	х	
English (3 credits)	This competency-focused course develops and strengthens students' listening, speaking, reading, and writing proficiency in English through an integrated language arts approach. Students will engage in oral communication competencies to fit the purpose and context of diverse situations. Reading comprehension competencies focus on the analysis of fiction and non-fiction texts from a global perspective to produce different types of paragraphs and short essays expressing diverse points of view. This course involves the responsible use of technology and information skills to generate new knowledge.				