

# SAGRADO

Universidad del Sagrado Corazón



## SUMMER COURSES 2021

CALENDAR & COURSE SCHEDULE  
SUMMER 2

**Universidad del Sagrado Corazón**  
Santurce, Puerto Rico  
Academic Calendar Summer 2 2020-21

**JUNIO 25**

Último día de matrícula por Web de Verano 2. Último día de pago o cancelación de matrícula sin penalidad.

**JUNIO 28**

Inicio de clases y único día para cambios con un reembolso de un 100%. Las cuotas no son reembolsables. Único día para matrícula tardía y el pago correspondiente.

**JUNIO 29**

Inicia el periodo para darse de baja con reembolso del 75% de los créditos y laboratorios con W. Las cuotas no son reembolsables.

**JUNIO 30**

Termina el periodo para darse de baja con reembolso del 75% de los créditos y laboratorio con W. Las cuotas no son reembolsables.

**JULIO 4**

Feriado – Día de la Independencia de E.E.U.U.

**JULIO 16**

Último día de clases Último día de bajas parciales y totales.

**JULIO 19**

Exámenes finales.

**JULIO 21**

Entrega de notas.

\*La institución se reserva el derecho de hacer cambios al calendario académico.

Cursos diurnos: lunes a viernes – 3 hrs diarias para cursos de 3 créditos.

Cursos nocturnos: lunes a jueves – 3.5 hrs diarias para cursos de 3 créditos.

Se anunciará = fechas pendientes por asignar en el calendario académico.

Revisado al: 1 de octubre de 2020

Aprobado por VPAA: 16 de octubre de 2020

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

# **BUSINESS ADMINISTRATION**

## **COURSE: ADM 201 001 BUSINESS LAW I**

Credits: 3:00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Days: (MKW)- Monday / Tuesday / Wednesday  
Time: 10:30AM-12:20PM    Date: 06/28/2021-07/19/2021

Description: Study of the fundamental and general concepts of business law needed for managerial work, beginning with our system's constitutional basis. Emphasis on provisions related to obligations and contracts. Business law is studied as a branch of law that explicitly covers commercial activities and the obligations arising out of these activities. Reference is made to Puerto Rico legislation and jurisprudence. Three credits (July)

# **BIOLOGY**

## **COURSE: BIO 109 001 BIOLOGY AND SOCIETY**

Credits: 3:00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: FILIA S GARCIA SANTANA  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday / Friday    Time: 7:30AM-11:20AM    Date: 06/28/2021-07/19/2021

Description: (For students not majoring in Natural Sciences) Study of Modern Biology concepts and the scientific methodology used in the analysis and decision making of the contemporary problems related to everyday living. Discussion of the biological processes that contribute to maintaining the organisms' functional equilibrium and ecosystem homeostasis. Discussion and analysis of genetic material and the influence of biotechnology in the life of modern society. The ethical and moral issues and their impact on society will be analyzed. Theory and practice are integrated using community projects related to biology. Three credits, lecture, and laboratory (June, July)

## **COURSE: BIO 112 001 BIOLOGIA GENERAL 2**

Credits: 3:00    Lab Fee: \$100.00    Meet Type: VC-Videoconferencia    Professor: CARLOS E CONDE COSTAS  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday / Friday    Time: 7:30AM-10:20AM    Date: 06/28/2021 07/19/2021

Description: (For Natural Sciences students) Principles of population genetics and evolution. Classification of plants and animals. Comparative study of the organic systems in animals. Structure and function in plants. Ecology and tropical ecosystems. Three credits, lecture, and laboratory (July)

## **COURSE: BIO 112L 051 BIOLOGIA GENERAL 2 LAB**

Credits: 0:00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: EMMANUEL OJEDA VEGA  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday / Friday    Time: 11:00AM-12:50PM    Date: 06/28/2021 07/19/2021

Description: (For Natural Sciences students) Principles of population genetics and evolution. Classification of plants and animals. Comparative study of the organic systems in animals. Structure and function in plants. Ecology and tropical ecosystems. Three credits, lecture, and laboratory (July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: BIO 310 001 HUMAN PHYSIOLOGY

Credits: 4:00 Lab Fee: \$100.00 Meet Type: VC-Videoconferencia Professor: LUIS A GRACIA RUIZ  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 7:30AM-10:20AM Date: 06/28/2021-07/19/2021

Description: This course discusses the functional organization of the human body at the cell and system level. Also, how some specific disturbances in the available structure of the human body result in disease are explained in detail. Four credits, lecture and laboratory (July)

#### COURSE: BIO 310L 051 HUMAN PHYSIOLOGY

Credits: 0:00 Lab Fee: \$0.00 Meet Type: HV-Hibrido Virtual Professor: LUIS A GRACIA RUIZ  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 11:00AM-01:50pm Date: 06/28/2021-07/19/2021

Description: This course discusses the functional organization of the human body at the cell and system level. Also, how some specific disturbances in the available structure of the human body result in disease are explained in detail. Four credits, lecture and laboratory (July)

## EXERCISE SCIENCE & HEALTH PROMOTION

#### COURSE: CFI 105 001 WELLNESS, QUALITY OF LIFE, AND INTEGRAL HEALTH

Credits:3:00 Lab Fee: \$0.00 Meet Type: HV-Hibrido Virtual Professor: MELISSA GONZALEZ LAMOURT  
Days: (MKWTF)-Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 7:30AM-10:20AM Date: 06/28/2021-07/19/2021

Description: Discussion on the concepts of wellbeing, quality of life, and integral health. Analysis of the negative factors that affect the wellbeing and quality of life of people. Discussion of the tools needed to maintain an optimum quality of life. Includes practice activities in the gym, courts, and open spaces of the University that contribute to adopting conduct modifications in physical activity and lifetime exercise. Three credits, lecture, and laboratory (June, July)

## COMMUNICATION

#### Course: CMU 101 001 INTRODUCTION TO THE COMMUNICATION MEDIA

Credits:3:00 Lab Fee: \$0.00 Meet Type: TL-Totalmente en linea Professor: SARAH C RIVERA BLANCO  
Time: 00:00AM-00:00AM Date: 06/28/2021-07/19/2021

Description: Introduction to the role and impact of the mass media and the communicator in society. Concepts and basic terminology about the mass communication process. Revolutions of communication and evolution of mass media and new information and knowledge technologies (ICT), considering historical, technological, artistic, professional, industrial, ethical, and legal, trends and projections at the national level and international. This course is aimed at Communication students. Three credits (July)



## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### Course: CMU 255 COMMUNICATIONS LAW.

Credits: 3:00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en línea    Professor: SARAH C RIVERA BLANCO  
Time: 00:00AM-00:00AM    Date: 06/28/2021-07/19/2021

Description: An exposition of laws, rules, and legal doctrines that apply to social communications and the media. Also, fundamental legal principles apply to commercial and entrepreneurial initiatives, particularly to the mass communications industry. Three credits (July)

## ACCOUNTING

#### Course: CON 212 001 PRINCIPLES OF ACCOUNTING FOR MANAGERS II

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: EVELYN COLLAZO LOPEZ  
Days: (MKW) Monday/Tuesday/Wednesday    Time: 01:30 PM 03:20 PM    Date: 06/28/2021 07/19/2021

Description: This course is for Business Administration students whose major is not accounting. Study of cost accumulation systems. Analysis of the cost-volume-benefit related to business's operations control process. Discussion of evaluation results through the use of standard cost and capital budget. Three credits (July)

#### Course: CON 220 001 PRINCIPLES OF ACCOUNTING I.

Credits: 3:00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: ARIEL R TIRADO RIVERA  
Days: (MKW) Monday/Tuesday/Wednesday    Time: 10:30 AM 12:20 PM    Date: 06/28/2021-07/19/2021

Description: The course is designed for students majoring in Accounting. It analyzes the impact on a business's operations, the types of accounts, and the recording of transactions corresponding to its accounting cycle. Examines payroll-related duties and responsibilities. Analyzes corporations and partnerships' accounting, considering financial accounting, investments, soundness, liquidity, and the entity's solvency for decision-making and problem-solving. The course trains future professionals in the accounting area to analyze, analyze, and interpret valuable financial information in an entity's decision-making process. Analyzes ethical issues related to accounting. Three credits (July)

#### Course: CON 314 001 INTERMEDIATE ACCOUNTING II

Credits: 4:00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: MARIA C RODRIGUEZ SIERRA  
Days: (MKW) Monday/Tuesday/Wednesday    Time: 10:30 AM-12:20 PM    Date: 06/28/2021-07/19/2021

Description: Study of accounting practices, methods, and procedures in the recording, valuation, and classification of the following items in the balance sheet: non-currents (fixed) assets, short-term and long-term liabilities. Preparation and analysis of a cash flow statement. Four credits (July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

# ENTREPRENEURSHIP

#### COURSE: EMP 113 001 ENTREPRENEURSHIP PROJECT: IDEATION PHASE

Credits: 3:00      Lab Fee: \$0.00      Meet Type: HV-Hibrido Virtual      Days: (MKW)-Monday/ Tuesday/ Wednesday  
Time: 10:30AM-1:20PM      Date: 06/28/2021 07/19/2021

Description: The student is encouraged to apply the fundamentals of imagination, creativity, and sustainable ideation to develop an entrepreneurial mindset and its importance across all disciplines and professions. Emphasis is placed on entrepreneurship as a process and methodologies and tools for design thinking, idea generation, and environmental problem-solving. The student will complete immersion in an area of interest, from which they will develop an idea and conceptualize an entrepreneurial project. This course is linked to the Collaborative Innovation Center-Neeuko. Three credits (June, July)

#### Course: EMP 213 001 ENTREPRENEURSHIP PROJECT: VALIDATION PHASE

Credits: 3:00      Lab Fee: \$0.00      Meet Type: HV-Hibrido Virtual      Days: (MKW)-Monday/ Tuesday/ Wednesday  
Time: 10:30AM-1:20PM      Date: 06/28/2021 07/19/2021

Description: (Prerequisite: EMP 113). (This course aims to provide students with the necessary tools to research, prototype, and validate their venture idea, whether it is a self-validation or a validation from the audience. In this stage, the student establishes the hypotheses and objectives around the venture and identifies the most effective methodologies for their validation. The student conducts a context analysis to understand previous work and trends, including qualitative and quantitative approaches that confirm the project's feasibility. As part of the experience, the student designs a prototype of their venture and completes an internship through a related project within the University or through external collaborations. This course has the support and coordination of the Center for Collaborative Innovation - Neeuko. Three credits (June, July)

# SPANISH

#### COURSE: ESP 216 069 PUERTO RICAN LITERATURE II.

Credits: 3.00      Lab Fee: \$0.00      Meet Type: TL- Totalmente en linea  
Time: 00:00PM-00:00PM      Date: 07/02/2021 - 8/12/2021

Description: Study of the development of Puerto Rican literature in the 20th Century. A historical review of the literary movements and significant works of Puerto Rican authors within the historical, social, and cultural context of Puerto Rico is completed. Ethical values are presented in the discussions of readings and written essays. Three credits (June) (Online)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

## PHILOSOPHY

### COURSE: FIL 101 069 LOGICA

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL- Totalmente en linea    Professor: SAHIR PUJOLS VAZQUEZ  
Time: 00:00PM-00:00PM    Date: 07/02/2021 - 8/12/2021

## FINANCE

### COURSE: FIN 305 001 BUSINESS FINANCE

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL- Totalmente en linea    Professor: ARTURO FIGUEROA MIRANDA  
Time: 00:00PM-00:00PM    Date: 06/28/2021 - 07/19/2021

Description: Introduction to financial management with emphasis on corporations. Study of the theoretical aspects of financial markets, their instruments, intermediaries, and institutions. Valuation models of financial assets, as well as interest and yield rates, are discussed. Analysis of the most common financial problems related to investing and financing activities of companies. Typical issues in the administration of the organization's funds. Three credits (July)

## PHYSICS

### COURSE: FIS 204 001 GENERAL PHYSICS II

Credits: 4.00    Lab Fee: \$80.00    Meet Type: VC-Videoconferencia    Professor: JAVIER A WU LI  
Days: (MKWTF)- Monday/ Tuesday/Wednesday/ Thursday/ Friday Time: 07:30PM-10:20PM    Date: 06/28/2021 - 07/19/2021

Description: A calculus approach to the basic concepts of electricity and magnetism. Electric force and electric potential. Gauss's Law. Capacitance and dielectric materials. Current and resistance. Direct current circuits. Magnetic energy and magnetic fields. Ampere's Law. Faraday's Law. Inductance and alternating current circuits. Four credits, lecture, and laboratory (July)

### COURSE: FIS 204 002 GENERAL PHYSICS II

Credits: 4.00    Lab Fee: \$80.00    Meet Type: HC-Hibrido Virtual    Professor: ROLANDO P GUZMAN BLAS  
Days: (MKWTF)- Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 11:00AM-01:50PM    Date: 06/28/2021 - 07/19/2021

Description: A calculus approach to the basic concepts of electricity and magnetism. Electric force and electric potential. Gauss's Law. Capacitance and dielectric materials. Current and resistance. Direct current circuits. Magnetic energy and magnetic fields. Ampere's Law. Faraday's Law. Inductance and alternating current circuits. Four credits, lecture, and laboratory (July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: FIS 204L 051 GENERAL PHYSICS II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia    Professor: JAVIER A WU LI  
Days: (MKWTF)- Monday/ Tuesday/Wednesday Thursday/ Friday Time: 11:00AM-01:50PM    Date: 06/28/2021 - 07/19/2021

Description: A calculus approach to the basic concepts of electricity and magnetism. Electric force and electric potential. Gauss's Law. Capacitance and dielectric materials. Current and resistance. Direct current circuits. Magnetic energy and magnetic fields. Ampere's Law. Faraday's Law. Inductance and alternating current circuits. Four credits, lecture, and laboratory (July)

#### COURSE: FIS 204L 052 GENERAL PHYSICS II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: ROLANDO P GUZMAN BLAS  
Days: (MKWTF)- Monday/ Tuesday/ Wednesday/Thursday/ Friday Time: 07:30AM-10:20PM    Date: 06/28/2021 - 07/19/2021

Description: A calculus approach to the basic concepts of electricity and magnetism. Electric force and electric potential. Gauss's Law. Capacitance and dielectric materials. Current and resistance. Direct current circuits. Magnetic energy and magnetic fields. Ampere's Law. Faraday's Law. Inductance and alternating current circuits. Four credits, lecture, and laboratory (July)

#### COURSE: FIS 204L 053 GENERAL PHYSICS II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: VICTOR A ORBEGOSO SEVILLANO  
Days: (MKWTF)- Monday/ Tuesday/Wednesday/ Thursday/ Friday Time: 02:30PM-05:20PM    Date: 06/28/2021 - 07/19/2021

Description: A calculus approach to the basic concepts of electricity and magnetism. Electric force and electric potential. Gauss's Law. Capacitance and dielectric materials. Current and resistance. Direct current circuits. Magnetic energy and magnetic fields. Ampere's Law. Faraday's Law. Inductance and alternating current circuits. Four credits, lecture, and laboratory (July)

## PHOTOGRAPHY

#### COURSE: FOT 130 001 PHOTOGRAPHY IN COMMUNICATION

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: RICARDO M REYES VAZQUEZ  
Days: (MKWTF)- Monday/ Tuesday/Wednesday Thursday/ Friday Time: 02:00PM-04:50PM    Date: 06/28/2021 - 07/19/2021

Description: Basic photographic theory and practice. Emphasizing its application as a communication medium in visual arts, journalism, advertising, public relations, digital film, and TV production. This course focuses on visual language, proper management, and appreciation. Students will also analyze and criticize photographic work. Three credits (July)



## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

## CRITICAL THINKING

### COURSE: GCC 101 001 DEVELOPMENT AND ECHOES OF THE ORIGIN OF HUMANITY.

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en línea    Professor: LUCIA ORSANIC  
Time: 00:00AM-00:00PM    Date: 06/28/2021 - 07/19/2021

Description: Critical thinking is encouraged by studying the origin and development of the human being until the 16th century, emphasizing the bio anthropological perspective and the economic, social, and cultural implications of this period. The course integrates literary, visual, and musical representative works into the historical and political discussion. Three credits (June, July)

### COURSE: GCC 201 001 BUILDING AN IDEAL SOCIETY

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en línea  
Time: 00:00AM-00:00PM    Date: 06/28/2021 - 07/19/2021

Description: Study of how different models of societies have emerged and developed around the world: Imaginary of the ideal community, the religious crises, the Reformation and the Counter-Reformation, the revolutions of the 18th century, the concept of political independence and its effect on Puerto Rico, and the revolutions, dictatorships, and search for peace in Latin America in the 20th century. Students examine the historical context and the various social effects of these models today and their references and literary, plastic, or musical representations. Three credits (June, July)

### COURSE: GCC 202 001 CHALLENGES OF CONTEMPORARY SOCIETY

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual  
Days: (KT) Tuesday/ Thursday Time: 02:00PM-04:50PM    Date: 06/28/2021 - 07/19/2021

Description: The course covers the origin and consequences of humanity's fundamental social, economic, political, and environmental challenges in the 20th and 21st centuries. It emphasizes the search for solutions from a humanistic vision anchored in the achieving of justice and peace. Three credits (July)

## COMMUNICATION

### COURSE: GCM 100 001 INTRODUCTION TO ENGLISH COMMUNICATION

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual  
Days: (MKTF) Monday/ Tuesday/ Thursday/ Friday Time: 01:00PM-02:50PM    Date: 06/28/2021 - 07/19/2021

Description: This course aims to improve essential communication skills in listening, reading, writing, and speaking. It is designed for first-year students with a score of 474 or less on the English section of the College Entrance Examination Board. The course's conversational structure helps students draw from everyday activities to use the language effectively. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Zero credits (June, July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: GCM 101A 051 LAB/ TEXT IN CONTEMPORARY CULTURE.

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (MKTF) Monday/ Tuesday/Thursday/ Friday Time:10:00AM-10:50AM    Date: 06/28/2021 - 07/19/2021

Description: This course aims to improve essential communication skills in listening, reading, writing, and speaking. It is designed for first-year students with a score of 474 or less on the English section of the College Entrance Examination Board. The course's conversational structure helps students draw from everyday activities to use the language effectively. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Zero credits (June, July)

#### COURSE: GCM 101B 051 LAB/ TEXT IN CONTEMPORARY CULTURE.

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (MWF) Monday/ Wednesday/ Friday Time:10:00AM-10:50AM    Date: 06/28/2021 - 07/19/2021

Description: This course aims to improve essential communication skills in listening, reading, writing, and speaking. It is designed for first-year students with a score of 474 or less on the English section of the College Entrance Examination Board. The course's conversational structure helps students draw from everyday activities to use the language effectively. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Zero credits (June, July)

#### COURSE: GCM 201 001 THE POWER OF ARGUMENTS

Credits: 3.00    Lab Fee: \$100.00    Meet Type: HV-Hibrido Virtual

Days: (MWF) Monday/ Wednesday/ Friday Time:08:30AM-10:20AM    Date: 06/28/2021 - 07/19/2021

Description: This course focuses on the formal study of argumentation. It aims to help students develop their ability to understand and elaborate effective written and oral communication arguments critically. The students will also practice their critical and creative thinking skills to put forward their views about different social and political contemporary discussions. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Students who scored 475-574 on the English portion of the College Board should enroll in Lab A, and those who scored 575 or higher should enroll in Lab B. Three credits (June, July)

#### COURSE: GCM 201A 051 LAB/ THE POWER OF ARGUMENTS

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (MWF) Monday/ Wednesday/ Friday Time:11:00AM-11:50AM    Date: 06/28/2021 - 07/19/2021

Description: This course focuses on the formal study of argumentation. It aims to help students develop their ability to understand and elaborate effective written and oral communication arguments critically. The students will also practice their critical and creative thinking skills to put forward their views about different social and political contemporary discussions. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Students who scored 475-574 on the English portion of the College Board should enroll in Lab A, and those who scored 575 or higher should enroll in Lab B. Three credits (June, July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: GCM 201B 051 LAB/ LAB/ THE POWER OF ARGUMENTS

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (MWF) Monday/ Wednesday/ Friday Time:11:00AM-11:50AM    Date: 06/28/2021 - 07/19/2021

Description: This course focuses on the formal study of argumentation. It aims to help students develop their ability to understand and elaborate effective written and oral communication arguments critically. The students will also practice their critical and creative thinking skills to put forward their views about different social and political contemporary discussions. This course is affiliated with the language laboratory, and students are required to enroll and participate in a lab session that meets separately. Students who scored 475-574 on the English portion of the College Board should enroll in Lab A, and those who scored 575 or higher should enroll in Lab B. Three credits (June, July)

## INNOVATION / ENTREPRENEURSHIP

#### COURSE: GIE 101 001 ORGANIZATIONS, WORK, AND POST-WORK

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (MWF) Monday/ Wednesday/ Friday Time:02:00PM - 04:50PM    Date: 06/28/2021 - 07/19/2021

Description: Based on the importance of understanding the economic and social context as a basis for the formulation of solutions to the challenges posed by the Sustainable Development Goals (SDGs) of the United Nations (UN), the student explores how organizations are transformed to meet these challenges from their essential functions: planning, organization, management, and control. Different aspects of organizations as an instrument of social, political, economic, and environmental transformation are discussed. Three credits (July)

## MARKETING

#### COURSE: GME 101 081 PRINCIPLES OF MARKETING.

Credits: 3.00    Lab Fee: \$50.00    Meet Type: HV-Hibrido Virtual    Profesor: REINA DELUCCA TIRADO

Days: (MKW) Monday/Tuesday/ Wednesday Time:05:30PM - 07:20PM    Date: 06/28/2021 - 07/19/2021

Description: The study of marketing as a human activity geared to satisfy the consumer's needs through economic, social, cultural, psychological, and political exchange affects every organization. The role of organizations and individuals as participants of said process is discussed. Three credits (July)

## **ETHICAL SENSE/ SOCIAL JUSTICE**

### **COURSE: GSE 301 001 ETHICS AND POLITICAL CHALLENGES FOR SOCIAL**

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual

Days: (KT) Tuesday/ Thursday Time: 08:30AM - 10:30AM    Date: 06/28/2021 - 07/19/2021

It addresses the challenges of defining and implementing peace and social justice. The course will provide knowledge and interdisciplinary dialogues to promote ethical deliberation and critical analysis of the living conditions experienced by certain groups of people within a complex socio-economic and political context at the global and national level. Besides, it will provide the student with the first approach to diversity and human rights as essential foundations for achieving social justice and peace. Three credits (July)

## **INFORMATICS**

### **COURSE: INF 101 001 COMPUTING**

Credits: 2.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en linea    Professor: BELINDA MONE FRONTERA

Time: 00:00AM-00:00AM    Date: 06/28/2021/ 07/19/2021

Description: Study of the most important aspects of data and information automation in business organizations and society in general. The course presents how technology can be integrated into the organization to extend and support performance, human skills, and research development. Also, the importance of ethical conduct in the handling of information through computerized systems is presented. Emphasis is placed on the impact of computer technologies by integrating pre-programmed packages such as word processing and electronic worksheets as tools for research and presentation of results. Two credit (July)

## **ENGLISH**

### **COURSE: ING 122 069 LITERARY GENRES 2: STORY**

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en linea

Time: 00:00AM-00:00AM    Date: 07/02/2021/ 08/12/2021

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

## LEADERSHIP

### COURSE: LID 101 001 LEADERSHIP OF THE SELF I

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Profesor: STEPHANIE NEGRON MARCHANY  
Days: (MWF) Monday/ Wednesday/ Friday    Time: 9:00AM-11:50AM    Date: 06/28/2021/ 07/19/2021

Description: This interdisciplinary course is designed to support and facilitate students who begin university life to take advantage of, enjoy and adequately manage the different experiences, tasks, and challenges presented by the academic world. It provides diverse educational experiences that promote the student to explore and reinforce his/her self-knowledge, deepen in the proper management of emotions and healthy interpersonal relationships, develop empathetic and non-violent communication, and promote their health care and well-being. Similarly, the course emphasizes self-leadership and academic competencies for university life, becoming familiar with institutional projects, services, principles, and policies, exploring technological tools for learning and effective communication, and initiating professional development. The experience includes specific workshops on various topics. Three credits (June, July)

## MATHEMATICS

### COURSE: MAT 102 001 FUNDAMENTAL MATHEMATICS II.

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Profesor: HUMBERTO SUAREZ YEPE  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday    Time: 11:00AM-01:50PM    Date: 06/28/2021/ 07/19/2021

Description: Relations and functions. Linear and quadratic functions. Exponential and logarithmic functions. Systems of linear equations. Sequences. Complex numbers. Three credits (July)

### COURSE: MAT 134 001 PRECALCULUS II.

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Profesor: ELBA RIVERA CARRASQUILLO  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday    Time: 07:30AM-10:20PM    Date: 06/28/2021/ 07/19/2021

Description: The course continues with the study of functions, including systems of equations, sequences and series, trigonometric functions, analytic trigonometry, and complex numbers. Three credits (July)



## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: MAT 202 001 CALCULUS II.

Credits: 5.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia Profesor: FRANCISCO M ARENCIBIA ALBITE  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday    Time: 07:30AM-12:20PM    Date: 06/28/2021/  
07/19/2021

Description: The course is of theoretical and practical nature and deals with the knowledge and application of integral calculus. Integrals are used to solve problems of volumes of revolution solids, surface areas, and arc lengths. The different techniques of integration are learned. Problems are solved with unspecified indeterminate and necessary forms. Issues are introduced and solved using sequences and series. The vectors are introduced and applied, and the functions of several variables are studied through partial derivatives and multiple integrals. Problems are solved using different mathematical models that apply to other areas of scientific and social knowledge. Five credits (July)

#### COURSE: MAT 261 001 COMPUTERIZED STATISTICS I.

Credits: 3.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia Profesor: FRANCISCO M ARENCIBIA ALBITE  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday    Time: 02:30PM-05:20PM    Date: 06/28/2021/  
07/19/2021

Description: (Course for Natural Science students). Frequency distributions and graphical representations: histograms, pie charts, line graphs, ogives, bar graphs, stem and leaf diagrams. Study of central tendency measures (mode, mean and median), dispersion measures (range, variance, and standard deviation), and measurements of position (quartiles, percentiles). Basic concepts of probability and probabilistic distributions: binomial, normal, t-distribution, and chi-square. Methods of estimation and hypothesis testing. Introduction to linear regression. Computer activities are integrated using the Excel statistical package. Three credits (July)

## BUSINESS MATHEMATICS

#### COURSE: MCO 251 081 MANAGEMENT STATISTICS.

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual Profesor: PEDRO FRAILE ROMEU  
Days: (MKW) Monday/ Tuesday/ Wednesday    Time: 05:30PM-07:20PM    Date: 06/28/2021/ 07/19/2021

Description: Analysis of statistical inference and applications in business administration. Use of survey techniques as tools in management decision-making and estimate measures, such as arithmetic mean, variance, and proportion. Estimation theory and the hypothesis test with parametric and non-parametric methods are explained. Variables association techniques, correlation, and simple and multiple linear regressions applied to managerial problems. Three credits (July)

## **AUDIOVISUAL PRODUCTION**

### **COURSE: PAV 390 081 SPECIAL TOPICS**

Credits: 3.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia Profesor: ELIA E CADILLA SULSONA  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 05:30PM-08:20PM Date: 06/28/2021/  
07/19/2021

## **JOURNALISM**

### **COURSE: PER 390 001 SPECIAL TOPICS**

Credits: 3.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 01:30PM-04:20PM Date: 06/28/2021/  
07/19/2021

## **ADVERTISING**

### **COURSE: PUB 390 001 SPECIAL TOPICS**

Credits: 3.00    Lab Fee: \$0.00    Meet Type: VC-Videoconferencia  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 01:30PM-04:20PM Date: 06/28/2021/  
07/19/2021

Description: This course explores contemporary issues in the discipline. It will be taught by a guest professor. Three credits (July)

## **CHEMISTRY**

### **COURSE: QUI 102 001 GENERAL CHEMISTRY II**

Credits: 4.00    Lab Fee: \$100.00    Meet Type: TL-Totalmente en linea Professor: URIEL RIVERA GONZALEZ  
Time: 00:00PM-00:00PM Date: 06/28/2021/ 07/19/2021

Description: This course discusses the properties of solutions. Study acid-base, precipitation, and redox equilibria and the factors that affect the reactions' rate. The laws of thermodynamics and their relation to chemical equilibrium. Electrochemical cells and their properties. Four credits, lecture and laboratory (July)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: QUI 102L 051 GENERAL CHEMISTRY II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual Professor: YERIKA FEBUS ORTIZ  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 07:30AM-10:20AM Date: 06/28/2021/  
07/19/2021

Description: This course discusses the properties of solutions. Study acid-base, precipitation, and redox equilibria and the factors that affect the reactions' rate. The laws of thermodynamics and their relation to chemical equilibrium. Electrochemical cells and their properties. Four credits, lecture and laboratory (July)

#### COURSE: QUI 102L 052 GENERAL CHEMISTRY II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Flexible Professor: URIEL RIVERA GONZALEZ  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 02:30PM-05:20PM Date: 06/28/2021/  
07/19/2021

Description: This course discusses the properties of solutions. Study acid-base, precipitation, and redox equilibria and the factors that affect the reactions' rate. The laws of thermodynamics and their relation to chemical equilibrium. Electrochemical cells and their properties. Four credits, lecture and laboratory (July)

#### COURSE: QUI 302 001 ORGANIC CHEMISTRY II

Credits: 4.00    Lab Fee: \$100.00    Meet Type: HV-Hibrido Virtual Professor: MEY L REYTOR GONZALEZ  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 07:30AM-10:20AM Date: 06/28/2021/  
07/19/2021

Description: The study of molecular orbitals and aromatic systems, mechanisms of aromatic electrophilic substitution, the nucleophilic addition to carbonyl, the nucleophilic acyl substitution, and the condensations related to enolates are studied. IUPAC nomenclature of benzene derivatives, aldehydes, ketones, carboxylic acids, derivatives, and amines is discussed. Finally, an introduction to the chemistry of carbohydrates, lipids, amino acids, and nucleic acids is presented. Spectroscopic techniques of ultraviolet-visible, infrared, <sup>13</sup>C nuclear magnetic resonance, and mass spectrometry are discussed. Determination of structures of organic compounds integrating all these techniques is emphasized. Four credits, lecture, and laboratory (July)

#### COURSE: QUI 302 002 ORGANIC CHEMISTRY II

Credits: 4.00    Lab Fee: \$100.00    Meet Type: HV-Hibrido Virtual Professor: MEY L REYTOR GONZALEZ  
Days: (MKWTF) Monday/ Tuesday/ Wednesday/ Thursday/ Friday Time: 11:00AM-01:50PM Date: 06/28/2021/  
07/19/2021

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

#### COURSE: QUI 302L 051 ORGANIC CHEMISTRY II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: YERIKA FEBRUS ORTIZ

Days: (MKWTF) Monday/Tuesday/Wednesday/Thursday/Friday Time: 11:00AM- 1:50PM Date: 06/28/2021/07/19/2021

Description: The study of molecular orbitals and aromatic systems, mechanisms of aromatic electrophilic substitution, the nucleophilic addition to carbonyl, the nucleophilic acyl substitution, and the condensations related to enolates are studied. IUPAC nomenclature of benzene derivatives, aldehydes, ketones, carboxylic acids, derivatives, and amines is discussed. Finally, an introduction to the chemistry of carbohydrates, lipids, amino acids, and nucleic acids is presented. Spectroscopic techniques of ultraviolet-visible, infrared, <sup>13</sup>C nuclear magnetic resonance, and mass spectrometry are discussed. Determination of structures of organic compounds integrating all these techniques is emphasized. Four credits, lecture, and laboratory (July)

#### COURSE: QUI 302L 052 ORGANIC CHEMISTRY II

Credits: 0.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: JOAN S TORRES RODRIGUEZ

Days: (MKWTF) Monday/Tuesday/Wednesday/Thursday/Friday Time: 2:30AM- 5:20PM Date: 06/28/2021/07/19/2021

Description: The study of molecular orbitals and aromatic systems, mechanisms of aromatic electrophilic substitution, the nucleophilic addition to carbonyl, the nucleophilic acyl substitution, and the condensations related to enolates are studied. IUPAC nomenclature of benzene derivatives, aldehydes, ketones, carboxylic acids, derivatives, and amines is discussed. Finally, an introduction to the chemistry of carbohydrates, lipids, amino acids, and nucleic acids is presented. Spectroscopic techniques of ultraviolet-visible, infrared, <sup>13</sup>C nuclear magnetic resonance, and mass spectrometry are discussed. Determination of structures of organic compounds integrating all these techniques is emphasized. Four credits, lecture, and laboratory (July)

## PUBLIC RELATIONS

#### COURSE: RPU 225 001 SPECIAL TOPICS RELATION FUNDAMENTALS

Credits: 3.00    Lab Fee: \$0.00    Meet Type: HV-Hibrido Virtual    Professor: NEISHA TORRES DE LEON

Days: Time: 00:30PM - 07:20PM Date: 06/28/2021 - 07/19/2021

Description: This course explores contemporary issues in the discipline. It will be taught by a guest professor. Three credits (June)

## Courses Schedule & Descriptions

### 2020-2021 Academic Year Summer 2

# THEOLOGY

#### COURSE: TEO 115 001 EXPLORATION OF THE CHRISTIAN VISION OF THE

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL- Totalmente en linea Professor: JORGE D CARDONA AMARO  
Days: Time:00:00PM - 00:00PM    Date: 06/28/2021 - 07/19/2021

Description: This course studies the human being's phenomenon from the Christian perspective as it emerges from Sacred Scripture. Therefore, the course follows the latest affirmations of Catholic doctrine on the human being published by the Pontifical Biblical Commission in the document *Che cosa é l'uomo: un itinerario di antropologia biblica* (December 2019). Through the exploration of the essential dimensions of the human being (the dignity of human life, the experience of gender and sexuality, the right to education and work, the acts of personal and collective evil, and the situations of oppression of the human being), the students could reflect from the beginning of their professional studies the

#### COURSE: TEO 236 071 SPIRITUALITY

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en linea

#### COURSE: TEO 233 001 THEOLOGY OF SEXUALITY

Credits: 3.00    Lab Fee: \$0.00    Meet Type: TL-Totalmente en linea Professor: CARLOS J VAZQUEZ RIVERA  
Time: 00:00PM-00:00PM    Date: 06/28/2021/ 07/19/2021

Description: The course provides a space for serious and reflective study on the understanding of integral human sexuality and the development of a new awareness through scientific knowledge, theological enlightenment, critical analysis, and personal reflection, examining the biological, psychological, social, and spiritual dimensions of sexuality and the relationship of each of them to Christian theology, and establishing the importance of sex education as a right of every person, the formation of a broad conscience, and the promotion of a responsible attitude and conduct of sexuality. Three credits (July)