

2023-2024

UNDERGRADUATE AND GRADUATE CATALOG



SAGRADO

Universidad del Sagrado Corazón

www.sagrado.edu/catalogo/

Physical Address

Calle Rosales, esq. San Antonio
Parada 26 ½
Santurce, PR 00914

Postal Address

PO BOX 12383
San Juan, PR 00914-8505

Main Phone

787-728-1515

<http://sagrado.edu>

This Catalog is published both in Spanish and English. If any conflict arises between both versions, the Spanish version will always prevail.

This Catalog will be in force until the publication of its next version.

The policies and regulations established in this Catalog apply to all students regardless of the year of admission to Sagrado. In case any policy is revised, the one that is in force will apply. All policies are published on https://mi.sagrado.edu/ICS/Documentos_Institucionale/

Universidad del Sagrado Corazón does not discriminate on the basis of race, religion, color, ethnicity, place of origin, gender, age, sexual preference, impairment, marital status, physical appearance, political affiliation, or any other classification protected by state and federal laws in the administration of any of its educational programs, admission policies, scholarship and loan programs, sports programs, and other programs administered by the school, or in employment.

TABLE OF CONTENTS

Message from the President	6
Overview.....	7
License and Accreditations	13
Admissions and Readmissions.....	13
General Requirements: Undergraduate Programs.....	13
Requirements by Type of Admission	13
Specific Requirements for Non-Resident Foreign Students	15
Specific Requirements by Undergraduate Program	16
General Requirements: Graduate Programs	18
Additional Requirements for Specific Graduate Programs	19
Readmission (Undergraduate and Graduate)	19
Enrollment Management.....	21
Financial Aid	21
Eligibility For Federal (Fafsa) and State Financial Aid.....	21
Academic Progress Rules And Procedures Applicable To Students Receiving Financial Aid	22
Scholarship and Institutional Incentives Program	22
Financial Requirements	24
Student Services	27
Student and Academic Support Units, Projects, and Centers	30
Student Bodies	34
Academic Standards and Registrar’s Office	35
Family Educational Rights And Privacy Act (Ferpa)	35
Academic Year and Sessions.....	35
Credit Hours Policy	36
Grading System.....	36
Incomplete Performance.....	37
Grade Reports	38
Reclassifications	38
Satisfactory Academic Progress Standard	38
Academic Progress - Graduate Students.....	39
Withdrawal Policy - Undergraduate and Graduate Students	39

Course Transfer and Validation Policy	39
Studies at other Universities with Special Permission	43
Policy to Comply with the Curriculum	44
Validity of the Curricula	44
Student Categories	44
Active Student Status	45
Academic Load	45
Veterans and its Beneficiaries	45
Graduation Requirements	46
Honors	47
Commencement Ceremony	48
Credit Transcript	48
Distance Education	49
Curricular Structure Of Sagrado	51
General Education (General Requirements)	51
Institutional Requirements	52
Exploration	53
Declaration of Major, Double Major, And Minor	53
Academic Degrees by Academic Unit	54
Business Administration	54
School of Arts, Design, and Creative Industries	54
Ferré Rangel School of Communication	55
School of Health and Sciences	56
General Education	56
Consortia	56
Undergraduate Programs	57
Associate Degrees	57
Associate of Science In Nursing	57
Bachelor's Degrees	58
3d Animation, Visualization, and Interactivity (BAC)	58
Visual Arts (BA)	59
Biology (BS)	60
Biomedical Sciences (BS)	60
Computer Science and Applied Digital Technologies (BS)	61

Exercise Science and Health Promotion (BS).....	62
Strategic Communication (BAC).....	63
Interdisciplinary Communication (BAC).....	63
Accounting (BBA).....	64
Dance (BA)	65
Entrepreneurship Development and Management (BBA)	66
Sustainable Development (BA)	67
Diseño de Experiencias: Turismo Y Eventos (BA)	68
Education (BA).....	71
Nursing (BSN) - Face-To-Face Modality	72
Nursing (Bsn) - Online/Accelerated Modality	74
Nursing (RN to BSN).....	77
International Studies And Global Communication (BA)	79
Multidisciplinary Studies (BA)	80
Photography (BAC)	80
Marketing (BBA)	81
Music (BA)	81
Journalism (BAC)	83
Audiovisual Production And Film (BAC)	84
Psychology (BA)	84
Chemistry (BS).....	85
Theater (BA)	86
Theology And Leadership For Social Action (BA)	86
Social Work (BA).....	87
Post-Bachelor Certificates	88
Event Production And Marketing.....	88
Master's Degrees	88
Learning, Media, and Technology (MEd).....	88
Business Development and Management (MBA).....	89
Design & Creative Production (MA).....	89
Creative Writing (MA)	90
Digital Marketing (MS)	91
Physical Performance and Health Promotion (MS)	91
Storytelling (MAC).....	92

Journalism and Innovation (MAC).....	93
Public Relations and Integrated Communication (MA).....	93
Combined Programs	94
BA in Creative Writing and Literature and MA in Creative Writing	94
BBA in Marketing and MS in Digital Marketing	95
BAC in Strategic Communication and MS in Public Relations And Integrated Communication.....	96
Courses Description	98
General Education Courses	98
Undergraduate Major Or Exploration Courses	102
Graduate-Level Specialty Courses	167
Faculty	184
Phone Directory.....	188

MESSAGE FROM THE PRESIDENT

Sagrado is a community committed to its mission of educating with their own judgement, a moral conscience, an entrepreneurial calling, and willing to assume the responsibility of innovating, leading, and promoting a solidary coexistence.

The atmosphere that characterizes our university life is one of excellence, supported by the principle that the human being and Christian values are the very center of this project. At Sagrado you learn creatively and collaboratively: the world is your classroom.

I urge you to develop your capacities to the maximum and to fully live the charism of a community dedicated to building a more caring world in justice and peace.

In Sagrado,



Gilberto J. Marxuach Torrós

President

OVERVIEW

HISTORY

Universidad del Sagrado Corazón (Sagrado) had its origins in the elementary school established in 1880 by the Religious of the Sacred Heart in the city of San Juan. Later, at the beginning of the twentieth century, they acquired the estate of the Count of Santurce and settled on the premises that today hold the university campus. The Institution's development is reflected in the following historical milestones:

- In 1935, the government of Puerto Rico issued the *Carta de Fundación* (Charter of Foundation) which hereby established the *Colegio Universitario del Sagrado Corazón*. Four years later, in 1939, it granted its first academic degrees. Sagrado was originally founded as an educational center for young women with the goal of helping Puerto Rican women to achieve a broad culture, not only for their personal enrichment, but also for the benefit of the country.
- In 1970, a new stage in Sagrado's history began. The Religious opted to cede ownership and governance of the Institution to a Board of Trustees composed mainly of lay members. The growth dynamic intensified significantly both in academic offerings and in the number of students.
- In February 1972, the Board of Trustees approved that the University finally adopt a co-educational system open to the Puerto Rican community.
- In December 1976, the Board of Trustees officially authorized the use of the name Universidad del Sagrado Corazón (Sagrado).
- In 1985, the University established the first three graduate programs leading to master's degrees in business administration, Communication, and Education.
- In 1990, a curriculum review process was initiated in order to promote a more personalized education and greater interaction between students and professors.
- Currently, the University reaffirms its founding charism and its commitment to service to Puerto Rico by completing a curriculum review of all its academic offer, which incorporates differentiated elements in the curricula and expands the teaching-learning experiences.

MISSION

The University's mission as a Catholic institution is to educate individuals in intellectual liberty and moral conscience, willing to participate in building a more authentically Christian Puerto Rican society: a caring community in justice and peace.

VISION

Offer a unique academic project, an innovative educational experience in which the classroom is the world, in an environment characterized by a community life of excellence and based on the principle that human beings and Christian values are at the center of our project.

PHILOSOPHY

As a Catholic institution inspired by the teachings of the Second Vatican Council, the University is guided by an ecumenical spirit of openness to pluralistic dialogue, always respectful of the exaltation and preservation of human life and the dignity and freedom of the individual. It recognizes that its professors and students are participants in the educational process, called

to overcome themselves intellectually and morally and to develop by their own will the social conscience that guides the responsible exercise of their work. The University, therefore, promotes a participatory, active, personalized, and relevant education to social and cultural realities. It supports with equal importance the humanistic, scientific, technological, and professional formation, complementing it with the development of the capacity for logical and succinct expression, of skills that facilitate the critical and creative thinking of attitudes towards individual or team works, as appropriate, and the ability to learn to undertake and to recognize, discern, and practice values. It also recognizes that education is a process that occurs and matures throughout life, which proposes special attention to the continuing education needs of its members, its graduates, and the community in general.

INSTITUTIONAL VALUES

The University strives to instill in its students, relevant knowledge, attitudes, and skills while helping them to develop discernment, moral judgement, a sense of social responsibility, and the ability to understand themselves and to respect and appreciate others. The educational project of the University promotes the following values:

- Christian values
- Ethical and aesthetic values
- Sense of community, solidarity, justice, and peace
- Integrity, responsibility, honesty, dialogue, and commitment
- Multicultural understanding
- Creativity and being agents of social change.

GOVERNANCE AND ORGANIZATION

The governance of Sagrado is exercised by a Board of Trustees that is responsible for establishing the institutional strategic direction and formulating policies that guarantee catholicity, academic excellence and integrity, fiscal health, and the best interests of the university community. The Board has, among other responsibilities, the duty to ensure compliance with the objectives and policies of the University and to pass judgment on any matter that may affect its mission, its educational philosophy, and its institutional values, and to guard and manage the properties and finances of the University including the approval of the capital budget. It is also responsible for evaluating and approving long-term teaching and administrative planning, and programs in these areas. In addition, it has the authority to appoint the president of the University and confirm the appointments of the vice-presidents and principal officers of the University.

The President is the University's senior executive responsible for ensuring compliance with the mission and institutional objectives. Among others, the president is responsible for the general management of the University promoting a managerial and administrative style that stimulates the participation of all sectors of the University. He is also responsible for the recruitment of those people who help him fulfill his responsibilities. As leader of the faculty, it is the responsibility of the president to stimulate, facilitate, and give a sense of direction to the academic works so that they fulfill the institutional mission. The president is the main promoter of external fundraising and is responsible for ensuring the financial sustainability of the University. The president reports regularly to the Board of Trustees regarding the functioning of the University.

The Academic Board is an advisory body on matters related to teacher management such as the general orientation of teaching and research programs, the general requirements for admission,

promotion, retention, and graduation of students. It is formed by a large delegation of professors elected by the faculty, student representatives selected by the student body and ex-officio members of the university administration.

The Administrative Board is an advisory body on administrative matters that affect university life such as process review, employee fringe benefits, budget, and master plan.

The academic profiles of Sagrado's faculty show diversity of preparation, both for their areas of specialization, and for the variety of institutions and countries in which they have obtained their respective degrees.

BOARD OF TRUSTEES

President	Ángel Torres Irizarry
Vice-president	Samuel Céspedes Sabater
Secretary	Tere Loubriel Rosado

Members

Jorge Junquera Diez	Ingrid Rivera Rocafort
Juan Antonio Larrea French	Hno. Reinaldo Berríos Rivera, SM
Jaime Luis Fonalledas Ferraiuoli	Bernardo Bravo Acosta
Greetchen Díaz Muñoz	Francisco Díaz Massó
José Flores Ramos	Ana Margarita Hernández Pérez
Timothy A. Howe, sj	Vanessa Lugo Flores
Federico Sánchez Ortiz	Félix M. Villamil Pagani
Marisol Vega Couto	Imma De Stefanis, rscj
Rafael Álvarez Sweeting	Angel L. Pérez Galarza
Domingo Cruz Vivaldi	Carlos J. Ramírez Padilla

UNIVERSITY ADMINISTRATION

Presidency

President	Gilberto Marxuach Torrós
Legal Advisor	Camelia Fernández
Grants and External Resources	Liz Sepulveda
Centro Sofía	Elisabetta Pezzuolo

Vice Presidency of Academic Affairs

Vice President and Provost	Anuchka Ramos
Assistant Vice-president of Academic Operations	Miriam Quintero
Business Administration Department	Dennis Román
School of Health and Sciences	Nadjah Negrón
Ferré Rangel School of Communication	Gabriel Paizy
School of Arts, Design, and Creative Industries	Javier Hernández
General Studies	Nadesha K. González
Madre María Teresa Guevara Library	Alejandro Escobar
Professional Experiences and Internationalization Center	Cassandra Vega
Sagrado Global	Militza Maldonado
Center for Pedagogical Innovation	Leila Rodríguez
Assistant Vice President of Enrollment Management	Karla Aguirre
Academic Advisor and Student Persistence	Ismavette Cotto
Registrar	Yomara Figueroa

Financial Aid	Johanel Ríos
Vice Presidency of Student Affairs	
Vice President and Dean	Janine Marrero
Athletic Activities	Rafael Colón
Student Residences	Mayra Hernández
Vice Presidency of Institutional Compliance, Audit, and Integrity	
Compliance Officer and General Counsel	Camelia Fernández
Compliance, Licensing, and Accreditation	Blanca E. Rivera
Internal Auditor	Elsamarie Vargas
Vice Presidency of Finances	
Vice President	Antonio Tejera
Finances	Rebecca Quintero
Comptroller	Ismari S. García
Vice Presidency of Operations	
Vice President	Sandra Santiago
Facilities, Conservation, and Services	Pedro Rodríguez
Projects	Lorna M. Rodríguez
Integrated Security and Risk Management	Wilfredo Rondón
Events and Calendar Scheduling	Irma Ivelisse Rodríguez
Vice Presidency of Organizational Development and Human Resources	
Vice President	Camelia Fernández
Talent Development and Labor Relations	Paola Flores
Vice Presidency of Integrated Communications	
Vice President	Vanessa Negrón
Marketing	Jorge Rosario
Communication and Digital Media	Xiomara S. Rivera
Community Relations for Admission	Gloribel García
Admissions	Katherine Castillo
Vice Presidency of Development and University Relations	
Vice President	Sara Tolosa
Institutional Financial Assistance	Luis Vélez
Alumni	María M. Torres
Development	Belissa Aquino

FACILITIES

Sagrado's campus consists of 33 acres of undulating tree-shaded land with panoramic views of the Atlantic Ocean and the surrounding urban sectors that can be seen from its high points. Tropical groves stand out from their abundant vegetation which contributes to their beauty and provides fresh air to the university campus.

For hosting diverse activities, Sagrado has the following facilities: the large main building, built in the early twentieth century with a neoclassical structure, which currently harbors the University's administrative offices and the *Capilla Mayor*, declared a national monument in

1983; the residences of the Religious of the Sacred Heart; and the modern library. Also, the modern-styled student residences and, to the south, a complex of structures consisting of classrooms, administrative and professor offices, and finally an amphitheater.

The Madre María Teresa Guevara Library, one of the University's vital dependencies for its significant educational function, offers services to professors, students, administrators, and other members of the university community.

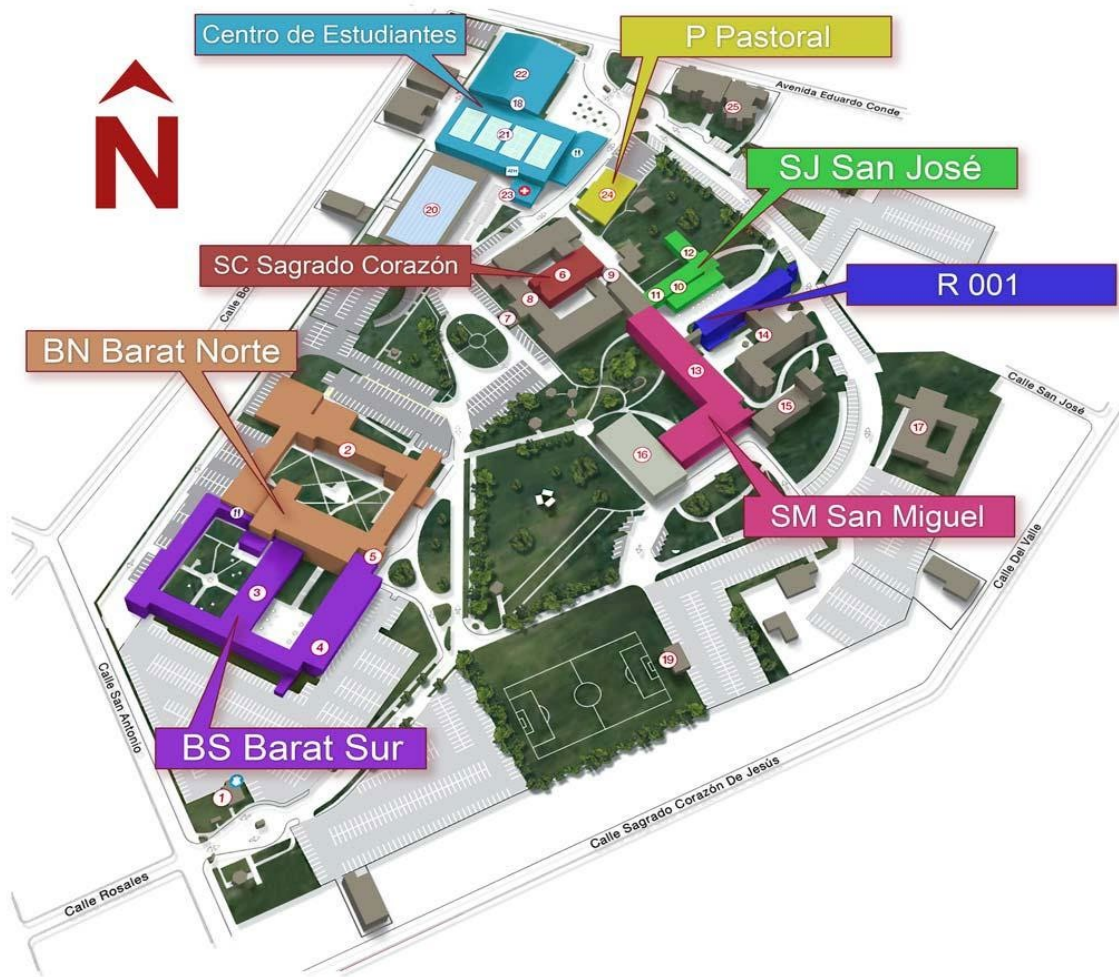
The Emilio S. Belaval Theater serves the development of an extensive program of artistic, cultural, and academic activities. So does the Visual Arts Patio, located on the Barat Sur building. Its design is based on the concept of the typical town square, with its benches, trees, and meeting and activity areas. The entrance to this space is adorned by a monumental ceramic mural by artist Roxanna Jordán.

The Visual Arts Patio also houses the Sculptural Garden, inaugurated in 1992. The concept for this garden combines two essential elements for improving our quality of life: ecology and aesthetics. The reforestation of a 12,430 square feet area with 40 endemic and exotic trees as well as native flowers, strengthens the Institution's role as Santurce's "green lung". Art also stands out within this urban forest represented by pieces of contemporary sculpture from Puerto Rican artists such as Carmen Inés Blondet, Pablo Rubio, Luis Torruellas, Melquíades Rosario, Adelino González, Luis Hernández Cruz, and Jaime Suárez. This project is the first of its kind located within a university campus and it was made possible thanks to the generous support of the private sector and the government. The garden is dedicated to all University students, with a firm belief that developing an appreciation and sensibility for art contributes to the future of Puerto Rico.

On the other hand, a modern student center and sports complex accommodate several service offices and gym facilities, indoor court, tennis court, Olympic pool, ballpark, meeting rooms, a small shop, and cafeteria.

Among the main academic resources available to the University, we can highlight the laboratories, a communication and educational technology center, the Center for Collaborative Innovation (NEEUKO), the Experimental Theater, the Institute of Musical Arts, the sciences, languages, and nursing laboratories, the television and recording studios, and the Radio Activa and Radorama radio stations.

MAP



LICENSE AND ACCREDITATIONS

Sagrado is authorized to operate by the Board of Postsecondary Institutions (JIP in Spanish) as established by the laws of Puerto Rico. The current license is valid from October 6, 2021, to October 5, 2026, under Certification 2021-136.

Since 1950, Sagrado is accredited by the Middle States Commission on Higher Education (MSCHE). The next reaccreditation will be in 2027. The BA of Nursing programs are accredited by the Commission on Collegiate Nursing Education and the BA program in Social Work is accredited by the Council on Social Work Education. See the following link: <https://www.sagrado.edu/acreditaciones/>

Sagrado also has the approval of the National Council for State Authorization Reciprocity Agreement (NC-SARA) to offer distance programs to students outside Puerto Rico.

ADMISSIONS AND READMISSIONS

GENERAL REQUIREMENTS: UNDERGRADUATE PROGRAMS

- Apply for admission within the period announced by the Admissions Office. File the application for admission electronically in <http://www.sagrado.edu/solicita/> by visiting the Admissions Office or in any activity in which the University participates.
- P-VAC-3 Immunization Certificate (students under 21 years old).

Procedure

- For early admission, the Admissions Office may evaluate the application together with the grades of the applicant's junior year of high school when the results obtained in the university admission tests (PAA, SAT, ACT or its equivalent) are received. Once the applicant completes the first semester of their senior year of high school, the grades obtained in that semester will be included in the admission evaluation.
- Admission will be subject to completion of the other admission requirements. The University will also accept applications from candidates who have studied at a university institution that is licensed by the Board of Postsecondary Institutions or accredited by an accrediting entity recognized by the U.S. Department of Education.

REQUIREMENTS BY TYPE OF ADMISSION

In addition to the general requirements indicated above, specific requirements are established depending on the type of admission requested.

High school graduate or its equivalent

- Have graduated from high school or equivalent studies and present documentary proof of this, duly licensed or registered with the Government of Puerto Rico or its equivalent.
- Submit an official copy of the high school credit transcript. The transcript must be in a sealed envelope or sent directly from the institution.
- Submit a copy of the results of the Academic Aptitude Test (PAA) offered by the College Board to the Admissions Office. SAT and ACT results are also accepted.
- Meet the minimum academic index (combination of GPA and PAA) established by the Academic Board, otherwise it will be evaluated by the Admissions Committee.

Student with Functional Diversity

- When the minimum admission index (combination of GPA and PAA) does not favor the admission of the person with disabilities or functional diversity, they will be informed expeditiously about the availability of the extended admission process and application before the Extended Admission Evaluation Committee

Graduates of Schools with Accelerated Modality

- In the case of institutions with accelerated modality, these must be accredited, as provided in Act 212-2018 (*Ley de Registro y Licenciamiento de Instituciones de Educación*). In addition, the applicant must present evidence of compliance with the face-to-face hours required by law.

Homeschooled Students

- Present high school graduation equivalent certified by the Puerto Rico Department of Education.
- If there is no certification from the Puerto Rico Department of Education, the student's parent or caregiver must present an affidavit stating that the student finished their homeschooling studies. The statement must include the student's academic average.

Adult Student (minimum of 21 years old) high school graduate

- This applies to high school graduate students who did not take the college admissions test (e.g., PAA, SAT, ACT). Have a minimum high school academic index of 2.50.

Student with Completed University Degrees (bachelor's or greater)

- Any student who has a bachelor's degree and wants to do another may validate courses following the credit validation policy.
- The student must have a minimum GPA of 2.50 in the college degree obtained. Cases that do not comply with this will be evaluated by the Admissions Committee.

Transfer Student

Any student requesting a transfer from another higher education institution must meet the general requirements set forth in this Catalog and submit the following documents:

- Official transcript of the higher education institution(s) studied.
- All applicable federal or state law or regulation requirements

Norms

Have studied at a higher education institution in Puerto Rico licensed by the Board of Postsecondary Institutions (JIP) or accredited by an accrediting entity recognized by the U.S. Department of Education.

- Students from institutions outside the United States' jurisdiction will present the equivalency report of the courses taken. The equivalency evaluation will be carried out by a recognized entity for these purposes.
- Have a minimum GPA of 2.50 to be admitted.

Special Students

Students that are interested in taking university courses not leading to a degree. These students may take a maximum of 24 credits leading to an academic degree.

- Admission application.
- It is the student's responsibility to process an authorization from their institution.

Auditing Student

- Persons admitted as auditor students may, once the enrollment is completed, attend the Institution's regular courses.
- Are those applicant students who wish to enroll in a course, but do not receive credit or a final grade for it.
- Applicants must file an admission application.
- Auditor students receive an AU grade in the enrolled courses. Audited courses are not creditable towards an academic degree.

International Students (Non-Resident Foreigners)

- Have a minimum GPA of 2.50 to be admitted. Students who do not meet this requirement may be evaluated under the University's regular admission criteria. Students who require that particular courses/credits be validated must comply with the Transfer Policy of the University.
- File the application for admission with the documents established under general requirements indicated in this Catalog and accompany them with:
 - Official high school credit transcript apostilles by the Education Committee of the student's country.
 - Present an original certificate from the Department of Education of Puerto Rico evidencing the student has completed an equivalent to the grade of high school.
 - Letter of recommendation from the high school's principal, career counselor or a teacher (if required by the Admissions Committee).
 - Graduation certification (copy of high school diploma) in case the credit transcript does not have the graduation date.

SPECIFIC REQUIREMENTS FOR NON-RESIDENT FOREIGN STUDENTS

After being admitted, students must meet specific requirements provided by the U.S. Immigration Office. These are:

- An affidavit certifying the economic solvency of the student or the person in charge to cover their tuition and living expenses.
- A letter from the bank certifying the economic solvency of the person who will cover the student's tuition and living expenses. The letter must indicate the equivalence in dollars.
- A written certification indicating where the student will reside (may be included in the affidavit).

These documents must be submitted to the Office of International Affairs for them to process an I-20 form. The Office will then return to the student this completed form and all submitted documentation so that the student can process their student visa at the American embassy in their country of origin.

SPECIFIC REQUIREMENTS BY UNDERGRADUATE PROGRAM

Associate Degree of Science in Nursing (online/accelerated mode)

In addition to institutional requirements, the following is required:

- Be at least 21 years old.
- Meet at least one of the following requirements:
 - Have college experience (minimum of 9 approved credits with a GPA of 2.50 or more).
 - Have clinical experience (could be LPN, *medical assistant*, among others).

Bachelor of Science in Nursing

GENERAL REQUIREMENTS

- Complete the application for admission and make the corresponding payment.
- Have a minimum high school GPA of 2.50 or a minimum admissions index of 3,300. Candidates with a bachelor's degree or equivalent, have an average of 3.00 in that degree. Students with lower academic index will be evaluated by the Nursing Department.
- Send the professional interest questionnaire to the Nursing Program.
- Specify the preferred modality for the bachelor's degree in nursing sciences: face-to-face or online learning.
- Be a U.S. citizen or permanent resident.
- Present a Criminal Record Certificate issued by the Puerto Rico Police Bureau valid for 30 days. If it is processed online, you must validate it and include a copy of the validation. Any candidate who has resided outside of Puerto Rico for a term of five (5) years prior to the filing of their application must submit an original of the Criminal Record Certificate issued by the competent authority of the state, country, or countries where they resided.
- Students from institutions outside the jurisdiction of the United States must present the homologation of the academic degree by an academic credential evaluation agency.
- Foreign students must meet the requirements established in the current catalog. All documents related to the legal status and residence in the U.S. of foreign students must be valid for no less than 2 years.
- Students with an Associate Degree of Science in Nursing must also possess and submit a copy of the permanent license and current professional registration of the Puerto Rico Nursing Examination Board or its counterpart in the U.S.

REQUIREMENTS FOR ONLINE/ACCELERATED MODALITY IN NURSING

- Foreign students must also present official identification from the government of the country of origin, preferably a valid passport.
- Possess a bachelor's degree in any discipline or at least 24 approved university credits with an academic average of not less than 2.50 points.

Technical requirements are included in the Distance Education section.

Bachelor of Science in Nursing - RN to BSN

- Possess an Associate Degree of Science in Nursing from a university licensed by the Board of Postsecondary Institutions or accredited by an entity approved by the U.S. Department of Education, with a GPA of 2.50. The associate degree must contain a minimum of 65 credits.
- Submit an official credit transcript of the associate degree issued by the institution from which you graduated.
- Present evidence that you have a permanent nurse's license and with a current professional registration, free of faults. The license must remain valid throughout your period of study. The license can be from Puerto Rico or any state in the United States.
- Possess a minimum of two years of clinical experience as an associate degree nurse. Submit official employment certification or verification.
- Send the professional interest questionnaire to the Nursing Program.
- Present a Criminal Record Certificate issued by the Puerto Rico Police Bureau valid for 30 days. If it is processed online, you must validate it and include a copy of the validation. Any candidate who has resided outside of Puerto Rico for a term of five (5) years prior to the filing of their application must submit an original of the Criminal Record Certificate issued by the competent authority of the state, country, or countries where they resided.
- Demonstrate proficiency in the use of computers and technology.
- Additional associate degree courses in nursing will not be validated.

ADDITIONAL REQUIREMENTS AFTER BEING ADMITTED TO THE NURSING PROGRAM (IN ANY OF ITS MODALITIES)

All students admitted to the Nursing Program must submit a series of documents and evidence of medical tests. These requirements are aligned with hospital requirements. The list of requirements is in the Nursing Student Handbook.

Procedure for admission to the Nursing Program

- Once all documents required by Admissions have been completed, the Nursing Admissions Committee (Director, Coordinator, and Faculty) will evaluate the candidate's file for approval.
- Applicants who have completed a bachelor's degree in any discipline may be validated up to 90 credits depending on the Committee's assessment: 46 credits in general education courses, 12 credits of science courses, and 32 credits of major courses.
- The study plan or curriculum sequencing for people with a bachelor's degree enrolled in the online modality, will be 21 credits per semester divided into 6-week terms (3 terms per semester).
- Once the application for admission is approved, the Nursing Program, in coordination with the Admissions Officer, will assign you the courses you can enroll according to the current curriculum.

Bachelor of Arts in Dance, Music and Theater

Students interested in the Dance, Music, or Theater program, in addition to the institutional requirements, will be required to comply with the following:

- Participate and pass the audition, which could be in person, videoconference or video previously recorded.
- The evaluation rubric is based on three criteria:
 - Knowledge of the basic techniques of the discipline
 - Knowledge of the basic concepts of the discipline
 - Execution ability within the discipline

The Dean of the School (or his/her representative) and the Academic Leader of the program are responsible for the audition process.

As a result of the audition, the school may approve admission with certain additional requirements such as courses or training sessions, as needed. Conditional admission may apply until completion of the additional requirements.

Bachelor of: Visual Arts, Communication in Animation, Visualization & Interactive Technology, Photography, Fashion Design and Management, Graphic Design and Industrial Design.

Students interested in these programs, in addition to the institutional requirements, will be required to comply with the following:

- Pass an evaluation in which the student will present a portfolio with a minimum of 5 works. The evaluation may be in person, videoconference, or video previously recorded. In case of not having a portfolio, candidates may participate in an evaluation exercise. The evaluation exercise has the following criteria:
 - Sensibility toward the discipline of the program of interest.
 - Creative ability within the discipline.
- The evaluation rubric is based on three criteria:
 - Knowledge of the basic techniques of the discipline
 - Knowledge of the basic concepts of the discipline
 - Execution ability within the discipline

The Dean of the School (or his/her representative) and the Academic Leader of the program are responsible for the audition process. A conditional admission may apply until completion of additional requirements such as courses or training sessions, as needed.

GENERAL REQUIREMENTS: GRADUATE PROGRAMS

(Masters and Post-Baccalaureate Certificates)

Apply for admission within the business period announced by the Admissions Office. File the application for admission electronically in <https://www.sagrado.edu/solicitud-graduados/>, by visiting the Admissions Office or in any activity in which the University participates.

- Hold a bachelor's degree from a college licensed by the Board of Postsecondary Institutions or accredited by an entity approved by the U.S. Department of Education, with a GPA of 2.75.

- Complete the application for admission.
- Pay the \$45 admission fee.
- If you earned your bachelor's degree at an institution outside U.S. jurisdiction: You will need to submit degree homologation and provide verification of home country academic credentials.
- If you have already completed graduate studies or have an academic degree higher than the bachelor's, you must submit an official credit transcript with evidence of having completed a master's or doctoral degree from a higher education institution duly licensed by the Board of Postsecondary Institutions. If you earned such a degree at an institution outside of U.S. jurisdiction, you must submit degree homologation and home country academic credentials.
- Alumni: Alumni credit transcripts will be processed internally.
- Updated resume.
- Meet the admission criteria and additional requirements set by the specific program you are applying for.
- Foreign student who is not a citizen or permanent resident must comply with the current catalog policy.
- The Admissions Office will evaluate each application and submit the candidate's admission or refusal recommendation to the corresponding academic department.

ADDITIONAL REQUIREMENTS FOR SPECIFIC GRADUATE PROGRAMS

Master's Degree in Business Administration

- The program director may conduct interviews with candidates depending on the information provided in the application. This interview may be face-to-face or online.

Master's Degree of Arts in Creative Writing

- Submit a statement of purpose about the idea or editorial project (narrative text or poetry) that you will be working on during the 12 months of the program. This should not exceed 1,000 characters.
- Once the statement of purpose has been submitted, an online interview will be scheduled with the applicant to discuss their areas of interest.

Master of Science in Exercise Science and Physical Activity as Medicine

- Have taken one (1) year of basic biology (minimum of 6 credits) at introductory level.
- Have taken at least 2 credits in statistics or research.

READMISSION (undergraduate and graduate)

Enrolled students who interrupt their studies at Sagrado and wish to resume them must apply for readmission to the University. Any application for readmission must be received at least two weeks before the first day of classes of the term the student wishes to study. Those interested must submit an official transcript of any other studies they have completed while they were not enrolled in Sagrado. Before being readmitted, students must go through a process of evaluation and academic orientation carried out by the corresponding program.

Readmitted students will abide by the Catalog, rules, and regulations in force at the time of their readmission.

Enrollment at the University constitutes a contract between the parties for the duration of a teaching period only or the equivalent of one term: semester in the case of undergraduate students or session in the case of graduate students. Therefore, the University will determine which student may enroll in each academic period without an application for readmission.

- An undergraduate student who interrupts his or her studies for one semester or more must apply for readmission electronically at: <https://www.sagrado.edu/readmision/>
- The readmission advisor will evaluate the application and inform the student of the following:
 - the number of credits attempted and approved;
 - their GPA;
 - the credits required to complete the curriculum to which the student wishes to reclassify and whether substitutions apply; and
 - the impact of readmission on the percentage of financial aid used and/or required to complete the degree.
- The application will be evaluated to determine whether to grant readmission. Applications from students who have a general index below the minimum required in the Satisfactory Academic Progress Standard will be evaluated by the Registrar's Office. Students who have been suspended for disciplinary reasons will be required to have a favorable recommendation from the Vice Presidency of Student Affairs.
- The application for readmission must be filed following the dates stipulated in the applicable academic calendar and prior to the start of classes of the teaching period for which re-entry is requested.
- Students who interrupt their studies for one semester and are readmitted will abide by the curriculum in force on the date of readmission. If the degree has not been obtained, the validity of the courses will be 12 years.
- In the event that the program to which a student was originally admitted is unavailable, due to moratorium or closure, or has changed by curriculum revision, he or she will be reclassified to the program they select in the current curriculum. Credits that have been approved at Sagrado until before the interruption of studies will be honored, as they can be integrated into the general, institutional, majoring, and exploration requirements in the new curriculum.
- If the student applying for readmission wants to transfer credits completed at another institution during his or her interruption of studies at Sagrado, he or she must follow the following procedure:
 - Once readmitted, the student must apply for validation of approved courses at a university licensed by the Board of Postsecondary Institutions (JIP) or accredited by an accrediting body recognized by the U.S. Department of Education.
 - Submit a credit transcript, copy of the catalog or syllabi of the institution where the student took the courses to be transferred. If necessary, academic directors will be consulted on alternative validation.
 - The Registrar's Office, once it receives the official transcript, will complete the final validation in the student's file.

- In the student's file, transferred courses will be identified with the letter "T".

ENROLLMENT MANAGEMENT

The Office of Enrollment Management offers financial assistance-related services such as counseling on state and federal financial aid programs.

FINANCIAL AID

Pell Grant

It is the foundation of Federal Economic Assistance programs. It is available to undergraduate students who demonstrate financial need and maintain satisfactory academic progress. The interested party applies directly to the Federal Department of Education by accessing the electronic page: <https://studentaid.gov/h/apply-for-aid/fafsa>

Federal Supplemental Educational Opportunity Grant (FSEOG)

These federal funds are available to undergraduate students whose family contribution is limited or minimal. Students must be eligible for the Pell Grant during the year of study.

Federal Work-Study Program (FWSP)

These federal funds are offered to undergraduate and graduate students who qualify, as compensation for work assigned by the University.

William D. Ford Federal Direct Loan Program

- Subsidized Direct Loan. The federal government subsidizes the interest on these loans if the student maintains a part-time academic load of at least (6 credits) and does not exceed 150% of their program of study.
- Unsubsidized Direct Loan. Loans whose interest begins to accumulate once the loan is disbursed. The student will have the option to pay the principal plus accrued interest after finishing studying or enrolling in less than half time.
- To obtain federal loans students must access <http://studentaid.gov> to fill out the Income Counseling and the Master Promissory Note.
- PLUS, Loan. Available only to parents of students. Repayment begins once the loan is disbursed.

Eligibility for Federal (FAFSA) and State Financial Aid

Federal and state aid is highly regulated and subject to eligibility criteria. To be considered for receiving some of these grants, the student must

- Have been admitted as a regular student leading to an academic degree and be enrolled in Sagrado.
- Have completed the Free Application for Federal Student Aid (FAFSA).
- Demonstrate satisfactory academic progress in accordance with institutional standards.
- Be a citizen of the United States of America, permanent resident, or eligible non-citizen.
- Demonstrate financial need. Our aid determination system is based on the analysis of the Free Application for Federal Student Aid (FAFSA).

- File the Free Application for Federal Student Aid (FAFSA) with all relevant documents within the dates established annually. The institutional code on the application is 003937. If needed, the Office of Enrollment Management will provide support to complete the form.
- Be up to date on federal loan repayment and in compliance with Title IV stipulations.
- Have submitted graduation certificate, copy of high school diploma or an equivalent recognized in the Admission's Office and not incur in default.

Procedure for Applying for Federal and State Financial Aid

- To facilitate the process of applying to the above programs, the student must file an annual Free Application for Federal Student Aid (FAFSA) by the recommended deadline announced by the University.
- Complete the application in <https://studentaid.gov/h/apply-for-aid/fafsa> and select the language of your preference.
- The institutional code on the federal application is 003937.
- If needed, the Office of Enrollment Management will provide support to complete the application. The school's counselor, advisor or staff assigned to these functions may also offer this type of support.

Academic Progress Rules and Procedures Applicable to Students Receiving Financial Aid

- The academic progress rules and procedures applicable to students receiving financial aid are published on our website under Student/Registrar: https://mi.sagrado.edu/ICS/Documentos_Institucionale/
- The purpose of these rules is to ensure that students who benefit from financial aid ~~aids~~ make good use of them by demonstrating that they are constantly and progressively working to complete the requirements of their study program. Each student is responsible for knowing what their academic status or condition is.
- Academic progress standards vary by program, apply to both undergraduate and graduate students, and cover particular aspects such as requirements for retaking courses, probation, and suspension cases, and appeals, reinstatement, and notice processes.

SCHOLARSHIP AND INSTITUTIONAL INCENTIVES PROGRAM

The Sagrado Scholarship Program provides students with supplemental financial assistance to cover expenses that are not currently covered by the Pell Grant. The Program is fully aligned with the university's integrated student services model that promotes academic achievement, personal well-being, professional development, international experiences, and financial stability. In addition, it offers personal and professional development workshops and constant monitoring of student progress.

The program has three (3) types of institutional financial assistance initiatives:

Continuity Scholarships - these scholarships support students for a period of 4-5 years if the student meets the continuity criteria. Scholarships provide \$2,500 to \$5,000 per year. The Fund for Exceptional Students Scholarship (FEE Scholarship) is the most recognized long-term institutional scholarship.

FEE Scholarship - since 1994 it has stood out for its philanthropic commitment and rigorous academic excellence. Much more than a scholarship program, the FEE Scholarship encourages benefactors to meet and support the best talented young people in Puerto Rico. To date, the program has impacted 812 students.

The scholarship provides students with outstanding academic averages and financial need with \$4,500 per year for a maximum of four (4) years. This scholarship makes it possible for scholarship students to focus on their studies and encourages their participation in initiatives to develop the competencies and skills they will need to be successful in life.

Annual scholarships - Provide financial support for one year. Annual amounts awarded range between \$1,200 and \$4,500. Depending on the wishes of the benefactor, the scholarship may be targeted to certain student populations. Students may be recipients of annual scholarships repeatedly. Scholarships must be applied for each year.

Para cono [To find out more about the grants available and how to apply for them, you can access the link: https://www.sagrado.edu/becas-sagrado/](https://www.sagrado.edu/becas-sagrado/)

Sacred Achievers Honor and Persistence Incentive - Sagrado Achievers, our incentive program provides students with between \$400 to \$600 per semester based on their performance, academic performance, and persistence in college. The Sagrado Achievers Program seeks to encourage students to enroll in more credits per semester, persist from semester to semester, and earn their degree over a four-year period.

Requirements:

- Enroll a minimum of 14 credits or more in each semester
- Pass 100% of the credits enrolled
- Meet the required GPA

Scale of Benefits	
Required Grade Point Average per semester	Benefit
3.00 - 3.49	\$400
3.50 - 3.74	\$500
3.75 o más	\$600

For more information, please click here. <http://www.sagrado.edu/sagrado-achievers/>

If you have any questions about the Sagrado Achievers incentive or institutional scholarships, please write to programadebecas@sagrado.edu.

Athletic Scholarships

Financial aid or subsidy that is awarded to a student for their ability, capability, and sporting potential, to cover all or part of the expenses associated with their studies. They must meet the academic and athletic requirements set forth in the athletic scholarship policy. Any student/athlete may receive any other type of scholarship including the honor scholarship.

Departmental Scholarships

The Departmental Scholarship aims to support the development of students in the Chemistry, Nursing, Education, and Social Work programs. For students admitted to the University to begin

their bachelor's studies in August 2021, the Scholarship awards the amount of \$1,500, divided into two installments of \$750 for tuition, fees, or materials. The Scholarship is accredited at the end of the semester once compliance with the academic requirements has been evidenced and having enrolled for the subsequent semester. This is a competitive scholarship for which the student must complete the application process established by the Institution's Scholarship Program.

Eligibility requirements for new high school students:

- Have a high school academic index of no less than 3.3 and an admission rate of 3,300 or higher in the institutional formula.
- Complete the Free Application for Federal Student Aid (FAFSA).
- Be enrolled in a minimum of 14 credits.

The student may apply for the scholarship each academic year up to a maximum period of 4 years. It cannot be combined with other institutional scholarships.

Students admitted to such disciplines in the year 2020-2021 or previous years, for the continuity of the scholarship, must maintain a cumulative academic average of 3.30 to 3.49 to receive the amount of \$500 per semester and 3.50 or more to receive the amount of \$750 per semester.

To learn more about the aid available, you can access the following link:

<https://www.sagrado.edu/becas-sagrado/>

FINANCIAL REQUIREMENTS

Charges and fees

Updated information on the subject can be found at: <https://mi.sagrado.edu/ICS/ASI/>

Enrollment

- Students must process their enrollment through the <https://mi.sagrado.edu> portal under the category "Add/Drop Courses", under the "Student" tab, on the dates indicated for each academic term. Students who do not process their enrollment within the required period are subject to additional late tuition fees.
- Only officially enrolled students who have made the corresponding tuition and fees payments can attend classes. Enrollment will be canceled for any student who has not completed the required payment at the beginning of the academic term, as established in the academic calendar.
- Not attending classes does not exempt the student from the debt incurred when enrolling.

Health Insurance

Every student enrolled in Sagrado is required to have health insurance coverage. If at the time of enrollment, the student does not have his/her own health insurance coverage, the student must register with the health insurance plan provided by the University and pay the corresponding premium fee for this plan.

The cost of Sagrado's health insurance plan will be included in the tuition of any student who enters the portal and requests it. This fee is paid in advance at each academic session, including sub terms or summer sessions.

The student will only be exempt from the Institution's health insurance charge if, at the time of enrollment, the student completes the required information of their individual health

insurance coverage in the *Mi.Sagrado* institutional portal. The student will not be able to complete their enrollment process until they complete verification of their individual health coverage or have registered for the health insurance plan provided by the University.

Payment Plan

For information on payment plans please see the Financial Requirements document at the following link: <https://www.sagrado.edu/asistencia-economica/#costos>

Official Documents

- Letters of recommendation, transcript of credits, graduation certification, and other official documents will only be given to those students who are current on their payment plan and have fulfilled their commitments to the University.
- In addition, the University may deny enrollment in its programs to any debtor student until the debt to the institution is settled.

Refunds

Enrollment Cancellation

All students must be officially enrolled in a course on or before the deadline set forth in the academic calendar to participate and receive academic credit for the course. Students are also responsible for knowing and complying with all applicable enrollment policies, procedures, and deadlines, and for verifying that their enrollment and academic record for each academic session are correct.

For more information on enrollment cancellation, please see the Financial Requirements document in the link:

Official Withdrawals

The request for a total withdrawal is initiated through an automated request form found in the institutional portal (mi.sagrado.edu). It is evaluated by the academic advisor or designated staff and concludes in the Office of Enrollment Management.

For information on official withdrawals please see the Financial Requirements document at the link: <https://www.sagrado.edu/asistencia-economica/#costos>

Tuition paid through financial aid will not be eligible for refunds but will be adjusted in accordance with the Title IV Federal Financial Aid Student Reimbursement Policy.

General fee charges, late tuition, and any other charges will not be refundable.

Cancellation - Students staying in campus residences

- The amount reimbursed to the student for cancellation of their accommodation in the student residence will be determined by prorating the total charge from the first day of classes until the eighth week in the semester. No refunds will be granted for cancellations after this date.
- During summer sessions, the amount reimbursed for cancellation of residence accommodation will be determined by prorating the total charge from the first 15 days of classes. No refunds will be granted after this date.

Reimbursement to students who are members of the United States Armed Forces Reserve and the Puerto Rico National Guard

When a student is active for service in the Armed Forces Reserve or by the Puerto Rico National Guard, they will be entitled to:

- Credit for the enrolled courses at the time of activation. This credit will last for two years from when the student is inactivated from the service.
- A spot in these enrolled courses, in one of the next two academic periods following the inactivation, depending on whether they are first or second semester courses. The student will have priority to enroll in the course within the regular enrollment period.

Tuition Assistant (TA) Funds Refund Policy

Military tuition aid (TA) is granted to students under the assumption that students will attend the University for the entire period for which the aid is awarded. When a student who uses military tuition aid withdraws, he or she may no longer be entitled to the full TA funds originally granted.

To comply with U.S. Department of Defense policy, Sagrado will return ~~unused~~ TA funds on a *pro rata* basis up to at least 60% of the period for which the funds were awarded. TA funds will be returned to the branch of service to which the student belongs (ARMY, NAVY, Marines, Coast Guard or Air Force). In cases where a student stop attending due to a military service obligation, Sagrado will work with the student to identify solutions that do not result in the student's debt to Sagrado for the portion returned.

The student's official withdrawal date is used to calculate the percentage of TA awarded. The official date of a student's withdrawal is the last date of attendance at a course or academic activity. The calculation of the refund is based on the formula below.

Portion of the semester completed as of the date of the withdrawal, % of TA to be returned:

Week	Refund % for 15 weeks	Refund % for 13 weeks
1	100 %	100 %
2 - 3	80 %	80 %
4 - 5	70 %	60 %
6 - 7	60 %	50 %
8 (60% of the course)	n/a	40 %
8 - 9	50 %	n/a
9 - 13	n/a	No refund
10 (60% of the course)	40 %	n/a
11 - 15	No refund	n/a

For more information access: <https://www.sagrado.edu/veteranos-y-militares/>

COMPLAINTS

Any person who believes that they have reasons that merit an exception to the published rules must present in writing their situation with the necessary evidence no later than the last day of classes of the semester or academic session for which the exception is requested. If necessary, you may request reconsideration of your case by submitting the necessary evidence and justification in writing and addressed to:

Vice Presidency of Student Affairs
Universidad del Sagrado Corazón
PO Box 12383
San Juan, Puerto Rico 00914-0383

For more information, please refer to the [Student Regulations](#).

STUDENT SERVICES

The Vice Presidency of Student Affairs offers services that promote the student's comprehensive development. Student services reflect the University's commitment to its mission and are student-centered with the goal of facilitating their personal development and the achievement of their academic goal.

Student services are geared towards facilitating the students' proper academic and personal development.

Athletic and Recreational Activities

Sagrado is a member of the Intercollegiate Athletic League (LAI). Except in wrestling, which only has male representation, Sagrado participates in the following sports in the female and male categories: volleyball, taekwondo, tennis, basketball, soccer, judo, weightlifting, track and field, swimming, cross country, and dance. The athletic program is aimed at the promotion and participation of students in all sports activities. It is a fundamental component of the student's life at Sagrado, whose objective is to contribute to the physical, mental, and academic growth, and the integral well-being of the student. Sagrado offers the student and the community recreational spaces and activities to promote physical well-being, such as swimming lessons, athletic therapy, and access to the campus' gym. The Athletic and Recreational Activities Office offers intramural and extramural activities and encourages the entire university community to participate in extracurricular activities that help improve their development and quality of life. Sagrado's teams participate in activities organized by LAI and compete with other universities in Puerto Rico.

Student Advisory Services: Passport to Success

Sagrado has a team of advisors who support students in achieving their academic and professional goals through evaluation, analysis, and the search for opportunities for development. As part of this project, the student is offered academic, career, financial, mobility and equity and accessibility (reasonable accommodation) advice. All services can be accessed through the mi.sagrado.edu portal.

Academic Advisors

The main objective of academic advisors is to guide the student to complete academic goals considering their study plan and their competencies, interests, and passions. The advisors connect the student directly with the services of tutoring, mentoring, professional practices, internships, international experiences, psychological and spiritual services, financial aid, among others.

Equity and Accessibility Advisors

Equity and Accessibility (Reasonable Accommodation) advisors offer individualized attention to students with functional diversity or need for reasonable accommodation. Reasonable accommodation, based on federal and state regulations, refers to adjustments

or modifications made in the educational environment so that students with functional diversity receive their academic experience on equal terms. Accommodation is granted to the student who requests them according to their specialist's recommendations and their equity and accessibility advisor's assessments. The student who decides to request reasonable accommodation should contact his or her academic advisor, complete the application and return it along with the evidence.

Financial Advisors

Students can count on the financial counseling service where they receive guidance and orientation to promote their financial health, which is vital to complete academic and professional goals. This team aids students develop their budget-managing skills and identify scholarships and grants available to cover university studies. They also may receive support for completing their FAFSA (Free Application for Federal Student Aid).

Career Advisors

The Center for Professional and International Experiences houses the services of Sagrado Careers. These are a set of career preparation services that contribute to professional development and increase the employability of students and graduates of the institution. Co-curricular and extracurricular services include vocational training and work experiences relevant to academic training, from volunteering and internships to formal employment experiences.

Together with this team of experts, students can investigate their industry and know its projections from reliable sources, live the experience of simulated interviews (online, by phone, and in person), receive advice on the optimization of a professional profile, creation of a professional portfolio, creation of a LinkedIn account, career plan advice and assistance in applying for admission to an internship program, fellowships, graduate programs, Co-ops, work-study, practicum or obtaining full-time, part-time or independent contractor employment. All those students active in Sagrado (undergraduate and graduate) and alumni can make use of the services. For more information, access:

<https://www.sagrado.edu/sagrado-careers>

Mobility Advisors

The Center for Professional and International Experiences houses the services of Sagrado Internacional that promote exchange and internationalization.. Students can study for a semester at more than 150 U.S. universities under the Students and Exchange Visitor program or visit countries such as Canada, Germany, Brazil, Mexico, or some other country. In addition, Sagrado is the only university in Puerto Rico with the Peace Corps Prep program, which facilitates the development of international thinking from the class program. In conjunction with the career advisors, the mobility advisor is the one who guides the student on the advantages of participating in this program. More information is available at:

<https://www.sagrado.edu/internacional/>

Student Support Program (PAE)

PAE is a program subsidized by the Federal Department of Education - TRIO Programs that provides academic advising, career counseling, financial planning and literacy, guidance, mentoring, tutoring, technology support, personal and vocational counseling, sociocultural activities, accompaniment, and other interdisciplinary services to facilitate students' transition

to college life, academic progress, retention, and graduation. Each year, PAE serves a population of 618 participants.

The Program has specialized staff committed to providing quality services to identify students' strengths and eliminate barriers to achieving their academic goals. During the academic year and summer sessions, activities, workshops and field visits are offered focused on the topics of greatest interest to students, special follow-up is provided to academic achievement in midterms and through tutoring services in our Learning Center. We have loans of technological equipment and internet modems, as well as Persistence Scholarships for eligible students. We keep students informed through the program's social media ([@paesagrado/y @pae_sagrado](https://www.facebook.com/paesagrado/y)) and disseminate the achievements of our participants in various recognition activities.

To receive Program services, students must meet the following eligibility criteria:

- Have been admitted to a study program at Sagrado.
- Be a U.S. citizen or resident alien (have U.S. permanent residence) who qualifies for federal financial aid (FAFSA).
- Be the first generation of their family to graduate with a bachelor's degree (neither parent must have earned a bachelor's degree).
- Have limited financial resources (according to scales established by the U.S. Department of Education).
- Demonstrate academic need, based on PAA results (495 or less in English, 475 or less in Spanish, and 500 or less in Mathematics).
- And/or have a document certifying functional diversity.
- Complete application to the program and initial interview with academic advisors.

Student Support Program for Functional Diversity Students

The TRIO Student Support program for students with functional diversity is subsidized by the U.S. Department of Education. It serves 100 undergraduate students with functional diversity annually to support them in developing the skills, abilities, and knowledge necessary to achieve their academic goals.

Habilidades+ offers experiences that allow the student an adequate transition to continue graduate studies, undertake or acquire a professional job. In addition, exam preparation and support materials are offered as requirements for master's programs.

The *Habilidades+* team offers workshops and individual advice on exploring future career opportunities.

Our services are for you:

- Specialized Educational Support
- Academic Advising
- Reasonable Accommodation Counseling
- Educational Activities
- Community Activities
- Emotional Support
- Tutoring

We support students to enter the workforce through activities to discuss topics such as career, workplace outreach, interview preparation, among other relevant topics.

To be eligible it is necessary to meet the following requirements:

1. Be a U.S. citizen or meet residency requirements to be eligible for federal financial aid.
2. Be a student enrolled in Sagrado.
3. Be a student with functional diversity or a disability certified according to the institution's processes.
4. Be a student who needs the services of Habilidades+.
5. Fill out and submit the application for Habilidades+.
6. FAFSA information.
7. The updated contribution form from you or your parents has not been given to Sagrado.

Residences

Sagrado has two campus residences to provide accommodation for students: Ladies Residence *Mater Admirabilis* (with 177 double rooms) and the Men's Residence (with 98 double rooms). The University Residences are open 24 hours a day, 7 days a week during each academic period, except during periods of academic recess or institutional closure. Receptions are guarded 24 hours a day by residences staff or security officers. Residence Coordinators stay overnight at the facilities and there is one Residence Assistant (RA) per floor. Together with the director of the residences, the RA develops exclusive activities for residents and supports compliance with the rules. Both residences have the facilities to offer accommodation to students with functional diversity. To request accommodation, the student must present the corresponding medical evidence.

Campus Safety

The University has the Office of Security whose mission is to promote a safe and orderly environment on campus, <https://www.sagrado.edu/emergencias/>.

The Office of Security staff ensures compliance with institutional and governmental security policies and coordinates with the institutional units the activities on campus, to maintain an environment of order.

The University has parking areas for the institutional community. Students who wish to do so can purchase the access permit during the enrollment process. All vehicles must be registered with the Office of Security. All students who make use of the institution's parking facilities must comply with the provisions of the Traffic Regulations, given to everyone when acquiring an access permit.

STUDENT AND ACADEMIC SUPPORT UNITS, PROJECTS, AND CENTERS

Library

The Madre María Teresa Guevara Library is the research and enrichment center for the academic endeavors of students and faculty in Sagrado. The library has transformed its spaces following the *Learning Commons* model, in which students find resources, information services, support for research and technology, and an environment conducive to the exchange and creation of knowledge. The library also stands out as an active learning center in which, beyond

the service it provides to the institution, it is an integral part in the development and academic success of students. For more information about the Madre María Teresa Guevara Library, access <http://biblioteca.sagrado.edu>.

Cafeterias

The main cafeteria —operated by a vendor— is located on the first floor of the Student Center. In addition, there is a smaller cafeteria located on the first floor of the Barat Sur Building, also operated by a vendor.

Communication Center

The Communication Center has modern facilities to offer students of Communication and other academic units the practical and necessary experiences to join the world of communications. The Center offers the university community loan services for audiovisual equipment, recordings, videos, and photography.

Center for Collaborative Innovation (NEEUKO)

NEEUKO has a multidisciplinary team of designers, technology, and infrastructure that gives access to design and innovation tools and services to the students of Sagrado and the communities of Santurce. Its focus is to drive a strategic vision of innovation and design within the urban, community, and institutional context. It is composed of a three-unit structure: design laboratory, manufacturing laboratory (FabLab) and community program (Nuestro Barrio). Within the three units, ideation, validation, research, prototyping, product development and marketing services are provided, with the firm intention of achieving sustainable results directed and controlled by the community or users. *Nuestro Barrio* is an initiative that works for the strategic and participatory creation of the Cultural District of Santurce. Through NEEUKO, in Sagrado we envision and co-create an inclusive and sustainable district to offer opportunities for economic and social development. The programs link cultural and entrepreneurial activity with community development. In collaboration with neighboring communities, cultural activities are offered that represent and honor the cultural diversity of Santurce and its history. NEEUKO actively visualizes the cultural offer so that both residents and visitors participate. These activities strengthen the economic and social development of the area.

Centro Sofía

Centro Sofía brings to the University Community the living experience of our Christian faith, providing society with solidarity leaders, in the way of the heart of Jesus, willing to favor the full human advancement of Puerto Rican communities, from the exercise of solidarity, justice and peace. *Centro Sofía* develops its projects and activities from four areas of action:

- Research, reflection, and theological formation: Projects aimed at dialogue between Theology and the different scientific and humanistic disciplines, which generate a synthesis between faith-science-culture, from the transversality of ethics and social justice.
- Social action, learning through service and volunteering: Service-learning experiences and participation in various voluntary actions are facilitated, allowing theory and practice to be integrated through the university curriculum; offering the opportunity to students to have experiences in a real work scenario and in their profession, while contributing to the defense and construction of a sustainable, just, fraternal, supportive, and ecological society, which preserves life.

- **Psycho-spiritual accompaniment:** Spaces of discernment and accompaniment that strengthen the personal, social, mature, and supportive response of professionals in training. The sense of belonging is accentuated in the members of the university community, so that they can make sense of their identity and actively participate in the educational and community processes that favor the integral growth of all. The ability to make coherent and responsible options for the students' life projects is developed, with bonds of affection, trust, respect, and mutual acceptance.
- **Spirituality:** A significant ecclesial experience is promoted with students, faculty, and administrators that achieves the valuation, in one's own life, of prayer, liturgy, contemplation of the Word of God and the sacraments for an integration of faith and culture. We favor ecumenical and interreligious dialogue, collaboration and reciprocity between the different Christian and religious expressions, celebratory and fraternal meetings are promoted that allow a significant communion among all, as well as the deepening and commitment to institutional spirituality.

Sagrado does not discriminate based on religion or force students or employees to participate in religious events. However, everyone is required to be respectful of the Catholic character of the institution and therefore not to hinder the development of the expressive activities of catholicity.

Biology Learning Resource Center (CRAB)

The Biology Learning Resource Center is a complex of classrooms and laboratories attached to the School of Health and Sciences. This Center is equipped with modern educational technology and laboratory equipment.

Community Outreach Center (CVC)

The CVC facilitates service-learning experiences, allowing the integration of theory and practice through the university curriculum and offering the opportunity for students to have experiences in a real work scenario and in their profession. This method is developed through the Service-Learning Project led by the CVC, which consists of three levels aligned to the curriculum.

Elemento 360

Elemento 360 provides professional communication, marketing and production services to clients such as non-profit organizations and small and medium-sized enterprises ("PYMEs"). It also offers services to student associations or academic and administrative units of the University, and other clients interested in quality services. *Elemento 360* provides an educational experience for students to learn by doing and functions as a communication firm with a transdisciplinary vision, uniting strategic communication, advertising, marketing, audiovisual production, and public relations, among other branches.

Students are responsible for providing clients with strategies and creative direction for specific projects or entire campaigns under the supervision of the *Elemento 360* director and with the mentorship of one or more faculty members.

EntreMedios

EntreMedios creates a hands-on learning experience for university students through the production of journalistic material to be published in Puerto Rico's mainstream media, academic and administrative units of the University, and other independent media interested in providing an educational experience for students to learn by doing. It can also collaborate,

through *Elemento 360*, in the creation of informative content for social networks, platforms and publications of clients of companies or organizations.

EntreMedios is an innovation development center that, through the production of news and informative content, becomes an opportunity for practice and professional growth for students, thus contributing to the future of journalism in Puerto Rico.

Art Gallery

The Art Gallery is in the Barat Sur Building, between the Sculpture Garden and the Patio de las Artes. It offers its exhibition space to professional artists, art teachers, budding community artists, and talented students. Its mission is educational and cultural. One of its main goals is the search for aesthetic excellence focused within a research context whose objective is the rescue of our plastic history, as well as facilitating our community a direct contact with art.

Informatics and Integrated Technology (ITI)

ITI is the unit that manages the institutional resources of systems and informatics. It also provides support to the academy by managing a computer lab that includes a meeting and work area that supports the courses. The computer lab has technical support in the operation of the systems, access to the wireless network, email accounts, access to the distance education system and integration of mobile devices.

Internationalization and Interuniversity Relations

Student Mobility Programs offer the student the opportunity to study abroad through different types of programs that vary in duration and content. For more information, you can access: <https://www.sagrado.edu/internacional/>

Laboratories

The institution has different laboratories for the development of skills in different disciplines. The School of Health and Sciences has laboratories of:

- Anatomy
- Cell biology
- Physics
- Microbiology
- General, Instrumental and Research, and Organic Chemistry
- Human Performance
- Nursing Program Simulation and Skills (LSD)

Sagrado has other laboratories of:

- Languages
- Computer science

MultiMedios

MultiMedios creates a hands-on learning experience for Sagrado students through the production of audio-visual material for various media, academic and administrative units of the University, as well as new media, interested in providing an educational experience for students to learn by doing. Multimedios is an innovation development center that produces various audiovisual content for the Unit's two radio stations and television channels, and other external

channels. This represents an opportunity for practice and professional growth for students in content production.

Studiolab

The Creative Technologies Studio (StudioLab) is a digital production lab and center designed for the creation of 3D animation, visualization, and immersive media for multiple uses and purposes. It serves students through courses, conferences, and workshops while offering seminars for professionals and participating in collaborations with industry. With technology equipment, professional-grade software, and specialized faculty, StudioLab is at the forefront of digital content creation.

Emilio S. Belaval Theater

The Theater has 344 seats, 296 on the first level and 48 on the second. It has a modern sound system, lights, stage riggs, and projection. The space is used for the presentation of plays, forums, conferences, congresses, symposia, commented recitals, concerts, and musical shows and other academic, cultural, organizational, and professional events.

Experimental Theatre

Located on the third level of the Barat Sur building, the Experimental Theater is the practice laboratory of the Theater Program and the headquarters of staging organized by the faculty and/or student organizations. It has a dressing room, stage, lighting and sound systems and space for 60 people.

STUDENT BODIES

Student Council

To encourage and channel the effective participation of students in institutional issues, an annual vote is held to elect the Student Council, in accordance with the institution's regulations. The responsibilities of the Council are:

- Officially represent all students.
- Promote the exchange of ideas and opinions to make recommendations regarding problems affecting the university community.
- Promote an intellectual, moral, and Christian environment that fosters the total development of the student and the closest relations between the members of the university community.
- Encourage students in the fulfillment of their duties and the maintenance of institutional order.
- Designate students who represent the student body on committees and organizations, as established by institutional standards.

Student organizations

As the main beneficiaries of the institutional effort, students have full freedom of association, within a framework of mutual respect that helps maintain a climate of solidarity and adequate human relations. Activities that are compatible with existing standards can be organized and participated in. Any group interested in becoming a student organization must request official recognition from the corresponding body in the Vice Presidency of Student Affairs, as provided in the Student Regulations. Accredited student organizations shall submit a work plan to the

Vice-Presidency every six months and shall assume legal and financial responsibility for their activities.

Student representation in the Academic Board

The Academic Board is the body that exercises legislative and advisory functions and constitutes the official forum of the University in relation to teaching and the organizational processes that are essential to it. This Board is formed by *exofficio* members, faculty delegates of the academic units, and representatives of the student body. By regulation, the president of the Student Council is *an exofficio* member of the Academic Board. In addition, in an annual vote, student representatives per academic unit are elected.

ACADEMIC STANDARDS AND REGISTRAR'S OFFICE

Family Educational Rights and Privacy Act (FERPA)

The 1974 FERPA Act, as amended, commonly known as the Buckley Amendment, guarantees students their rights to the privacy of their academic record. This law protects the privacy of students' records and establishes their right to examine them. It also provides guidelines for correcting the information contained therein through informal and formal requests. Every student should read the "directory information" disclosure circular about this law, which is available at the link: <https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html?src=rn>

Students may submit complaints related to violations of this law to:

U.S. Department of Education
Student Privacy Policy Office
400 Maryland Avenue, SW
Washington DC 20202-8520.

ACADEMIC YEAR AND SESSIONS

Undergraduate Programs

The school year consists of two semester sessions and two intensive summer sessions.

- First semester classes begin in mid-August and end in the second half of December. The second semester starts in mid-January and ends towards the end of May.
- The first summer session corresponds mainly to the month of June and the second session, to the month of July.

Graduate Programs

Graduate programs develop their academic activities in three sessions per year that begin in August, January, and April/May.

Graduate courses conform to the definition of credit/contact hours. A credit entails a minimum of meetings or academic activity of 15 contact hours per session under the direction of the professor in charge of the course. Part of the activity may be developed through online activities or group work.

Academic Calendar

The academic calendar published by the Registrar's Office indicates the dates for enrollment, start of classes, the deadlines for course withdrawal (with "W"), mid-semester academic achievement report, the dates established for exams for incomplete performance, the period

of final exams, academic recesses, end of classes, graduation, and other particulars that order the university academic activity.

Sagrado reserves the right to enable some Fridays or holidays for classes. The student will be responsible for knowing the important dates of the academic calendar.

CREDIT HOURS POLICY

Courses: One credit is equivalent to 1 hour of direct contact and 2 hours of work outside the classroom for an approximate period of 5 weeks in a semester or academic term. Therefore, a 3-credit course will have 45 contact hours.

Laboratories: One credit equals 2 contact hours per week for approximately 15 weeks for a total of 30 hours per semester or academic term.

Clinical Practicum: One credit equals 3 contact hours per week for approximately 15 weeks for a total of 45 hours per semester or academic term.

Credit hours for a remote course (hybrid or fully online) will be allocated based on the principles previously mentioned. The discussion of the syllabus contents, both synchronous and asynchronous didactic activities, the interactivity between student-student, student-teacher, student-content, will constitute the elements of these courses.

GRADING SYSTEM

The grade indicates the degree of academic achievement of the student in each course. To facilitate the calculation of the academic index, an indicator of general achievement, each grade is assigned a numerical value as follows:

Grade	Description	Numerical value per credit
A	Excellent	4.0
B	Good	3.0
C	Satisfactory	2.0
D	Deficient	1.0
F	Failed	0.0
FW	*	0.0

* An FW grade will be recorded when the student stops attending a course without meeting the class's academic requirements or officially withdrawing. This grade carries an academic penalty.

In addition, it is established that the following grades are not computable in the academic index or honor points to denote the condition that in each case is explained:

Grade	Description
P	Pass
NC	Not completed
NP	No pass
I	Incomplete (see Incomplete Performance)
T	Transfer course

Grade	Description
W	Official withdrawal
*	Repeated course (see Courses Repetition)
AU	Auditor (No credit or final grade)
NG	No grade

ACADEMIC INDEX

The academic index is the numerical expression representative of the student's academic achievement. It is calculated by dividing the total number of honor points by the total number of credits accumulated, including the courses in which the student has failed.

GENERAL INDEX

It is calculated with all grades in the courses that the student has completed at Sagrado.

COURSES REPETITION

Undergraduate students may repeat a course, if desired, when the grade originally obtained is not satisfactory to them. To determine the academic index, only the highest grade is considered.

Any student eligible to receive funds from the various financial aid programs, and who does not pass a course according to his/her plan of study, has the right to repeat the course until the student receives a grade of A, B, C, D, or P, as required. Each repeated course counts as credits attempted toward the quantitative element according to the satisfactory academic progress standard. After receiving a satisfactory grade, the student will be able to repeat a course only once, with federal funds. For students receiving veteran benefits, VA will pay for repeat courses until the course grade meets the academic program's requirements. However, courses that are satisfactorily passed cannot be certified again in VA to repeat the course.

INCOMPLETE PERFORMANCE

When the student has not completed a course requirement and presents valid reasons for it, the professor may assign, at the request of the student and with justifying evidence, the provisional grade of "Incomplete" accompanied by the accumulated grade. The student must have 75% of the course completed and only one final grade remains to complete the course. The professor will determine the accumulated grade by assigning a score of zero to the work not performed.

If the grade of "Incomplete" is granted, the student must communicate with the professor at the start of the next academic term to agree on the date and other circumstances in which the student will have to complete the pending requirements. This agreement must be made with reasonable anticipation so that the professor can inform the final grade to the Registrar's Office before mid-term of the semester following the incomplete performance. In the academic calendar published by the Registrar's Office, the deadline for removing incomplete items is indicated. If the student does not meet the pending requirements in the established time, the grade of "I" (incomplete) becomes the accumulated grade that accompanies it.

GRADE REPORTS

At the end of each semester, each student's grades will be available through the mi.sagrado.edu portal. In case the student is unable to access the report card, they will need to contact the Registrar's Office. The student who considers that an error has been made or wishes to request claims of grades, must notify the professor who taught the course or the director of the corresponding academic unit before mid-term of the semester following the graded course. Students with institutional debt will not be able to see their report card until their debt is paid.

RECLASSIFICATIONS

The curricular structure of Sagrado provides for the student to change or reclassify to another curriculum. The student who wishes to make this type of change must meet, among others, the following requirements on the dates established by the academic calendar of the corresponding session:

- Have passed no more than 30 credits of their current curriculum¹.
- Have an overall average of 2.50².
- Seek advisory with your academic advisor or with the direction of the academic unit. During this orientation, the student should receive information about:
 - the number of credits attempted and approved;
 - their GPA;
 - the credits required to complete the curriculum to which the student wishes to reclassify, if substitutions apply; and
 - the impact of the reclassification on the percentage of financial aid used and/or required to complete the degree.
- Complete the form through the mi.sagrado.edu portal. Reclassifications in the Bachelor of Science in Nursing program in the online modality will be evaluated by the School of Health and Sciences.

Students interested in reclassifying to the Bachelor of Science in Nursing must also meet the following:

- Have a minimum GPA of 2.50.
- For the online/accelerated modality program, the student must have at least 24 approved university credits with an average of 2.50.

SATISFACTORY ACADEMIC PROGRESS STANDARD

Undergraduate and graduate students must meet the current academic progress standard available at https://mi.sagrado.edu/ICS/Documentos_Institucionale/_bajo_Estudiantil/Registro. This policy is composed of three elements: (1) qualitative, (2) quantitative measures the maximum length of time in which federal financial aid will be awarded in accordance with the requirements of the Title IV financial aid programs, and (3) maximum time, determines the gradual progress toward the grade through the approval of a minimum percentage of credits,.

¹ This rule will not apply to the Bachelor of Science in Nursing programs (face-to-face and distance modalities). The 30 approved credits include credits that have been transferred from another institution.

² Other standards or averages may apply in the case of specific programs.

ACADEMIC PROGRESS - GRADUATE STUDENTS

- Graduate students must maintain a minimum GPA of 3.00 during their studies.
- Students will repeat all courses in which they obtain a grade of "C" or lower.
- When a student repeats a course, the Registrar's Office will use the highest grade to determine the cumulative index. However, the lowest grade will remain on the academic record.

In programs that require projects, students will have up to one consecutive academic year to complete it. Students will receive a final grade of Pass (P) or No Pass (NP), as applicable. If the project fails, the student will not complete the requirements leading to the degree.

Suspension for disciplinary reasons

Sagrado reserves the right to suspend any student whose behavior does not comply with the institutional rules and student regulations and after following the procedures established in the relevant regulations. Student suspensions are governed by the Student Regulations document accessed at: https://mi.sagrado.edu/ICS/Documentos_Institucionale/ under Student Affairs

WITHDRAWAL POLICY - UNDERGRADUATE AND GRADUATE STUDENTS

- Withdrawal means the departure of the student from one, several or all the courses enrolled in an academic session. When the withdrawal affects one or more courses, it is considered partial. If it implies the departure of all the courses enrolled, the withdrawal is total.
- Students can request partial or total withdrawal until the last day of classes, without affecting the student's academic index. In both situations, the student is required to have satisfied the outstanding financial obligations in the office of Enrollment Management.
- To request withdrawal from a course, the student must complete the corresponding application. Similarly, if the student requests a total withdrawal, they must discuss it with their academic advisor or designated staff. Once the total withdrawal is authorized by the Vice Presidency of Student Affairs, the student must go to the Office of Enrollment Management to complete the process. The procedure can also be completed electronically.
- If the student does not meet their financial commitments to the Institution, they will not be issued transcripts, letters of recommendation, degree certifications or official documentation of any kind.

COURSE TRANSFER AND VALIDATION POLICY

Undergraduate Programs

To consider validation of credits previously taken at another institution of higher education, Sagrado will apply the following rules:

- The student must be admitted to Sagrado as a transfer student.
- Sagrado can validate up to a maximum of 42 credits of the total credits required in the student's curriculum according to the following parameters per component³:

³ This rule does not apply to Bachelor of Science in Nursing programs (face-to-face and distance modalities.)

- General requirements: All credits of this component can be validated except the courses GIV 201, GIV 301 y GIV 302.
- Institutional requirements: Courses of this component cannot be validated.
- Majoring courses: Up to nine (9) credits of this component may be validated. In the case of accredited academic programs, specific rules will be observed, as applicable.
- Exploration: All credits in this component are available for validation. These courses may not constitute a second major or minor, according to Sagrado's curricular scheme.
- The validation is carried out by evaluating each of the approved courses and their equivalence with the corresponding courses offered by Sagrado.
- Only courses that were passed with a grade of "C" or more in the institution of origin and that have an equivalence in credits equal to or greater than the equivalent course in Sagrado are considered for validation, provided that a period of more than 12 years has not elapsed from the date on which they were approved. Credit expiration date applies to students who have not completed an academic degree at the time of requesting the transfer.

The procedure for validation shall be as follows:

- When applying for admission, the student must indicate to the Admissions Office whether they wish to transfer credits or waive them. If the student decides to waive the credits, they cannot be transferred later. If the student wishes to transfer credits, the Admissions Office will complete a preliminary validation assessment. To do this, the student must submit their credit transcript, copy of the catalog or syllabus of the institution where they took the courses to be transferred. If necessary, the directors of the alternative academic units of validation will be consulted.
- The Admissions Office will send to the Registrar's Office the student's file with the official transcript of credits, where the validation will be formalized.
- In the student's file, the validated courses will be identified with the letter "T". If the student retakes the validated course, the grade obtained in Sagrado will prevail. Validated courses are not taken into consideration for the overall average.

Transfer of students to the Nursing program

Students transferring from other institutions must:

- For the initial evaluation, present the student copy of the credit transcript. For the final decision of the courses to be validated, the official credit transcript of the institution of origin must be received.
- Student interested in transferring to the online/accelerated modality must have at least 24 approved university credits with a minimum average of 2.50.

Graduate Programs

- Candidates for admission as transfer students to master's programs will be taken into consideration if they meet the general requirements. Candidates must request their university of origin to send their official credit transcript so that Sagrado can determine credits that can be validated for the master's studies already carried out.

- Students who have commenced studies for a master's degree at another accredited university may have no more than 6 credits validated from the requirements of the program to which they are applying for transfer. Approved courses with grades of A or B will be considered for validation, if they are equivalent to courses offered by Sagrado's corresponding master's program. The validity of the courses will be 12 years.

Validation of Non-Traditional Experiences

The University recognizes and accredits learning achieved by non-traditional methods. By virtue of the mission of Sagrado and in conjunction with current trends in education and lifelong learning, the validation of non-traditional experiences is an alternative for the completion of the university degree. To this end, the Program for the Validation of Non-Traditional Learning Experiences has been established, which offers regular students three types of validation: validation or challenge examination, portfolio of experiences, and portfolio of visual arts.

Students who:

- take an active role in their professional development and academic experiences outside the classroom;
- have a career education that they wish to complete a higher academic degree on; or
- have changed professions or are unemployed.

...may have the opportunity to validate up to 36 credits at the undergraduate level and 9 credits at the graduate level by combining the validation or challenge exam and the portfolio described in the *Manual de Convalidación de Experiencias no Tradicionales*.

Validation by advanced exams

This method of validation consists of awarding academic credit for the Advanced Level Program (PNA), the Advanced Placement Exam (AP), or the College Level Examination Program (CLEP) of the College Board:

Advanced Level Program (PNA) College Board

Subject	Min. grade	Validation	Equivalent courses	Validation notes
English	3	6 credits	GCM 102 (RG) GCM 201 (RG)	
Spanish	3	6 credits	GCM 101 (RG) ESP 121	The ESP 121 course will be validated in the Exploration component.
General University Mathematics	3	3 credits	MAT 100	Validation will be done in the Exploration component.
Pre-calculus	4	6 credits	MAT 133 MAT 134	For students of Biomedical Sciences, Chemistry and Biology, the validation will be made in the

Subject	Min. grade	Validation	Equivalent courses	Validation notes
				Concentration component. For students from other programs, the validation will be made in the Exploration component.

Advanced Placement Exam (AP)

Subject	Sagrado equivalents	Score	Validation
Microeconomics	ECO 310 Contemporary Economic Issues	3	3 credits
Macroeconomics	ECO 201 Economic Analysis	3	3 credits
Biology	BIO 101 - Human Biology I BIO 111 - General biology I	3	3 credits
Calculus	MAT 201 - Calculus I	4	5 credits
Chemistry	QUI 101 - General Chemistry I	3	4 credits
Computer Science A	INF 120 - Algorithms and Creative Programming	3	4 credits
Computer Science AB	INF 120 (parts 1 and 2) or INF 125 Creative Programming and Troubleshooting	3	8 credits
Physics C: Mechanics	FIS 203 - General Physics I	3	4 credits
Human Geography	GEO 102 - Cultural geography	3	3 credits
Psychology	PSI 201 - General Psychology I (validation for students majoring or with a minor in Psychology Program)	3	3 credits
Art History	ART 102 - Appreciation of the visual arts	3	3 credits
English Literature and Composition	GCM 102 - Perceptions and Notions of Reality GCM 201 - The Power of Arguments	3	6 credits
European History	HIS 327 - The European nineteenth century	3	3 credits
French Language	FRA 103 y 104 - Intermediate French I and II	3	6 credits
Italian Language and Culture	ITA 101 y 102 - Basic and intermediate Italian	3	6 credits

Subject	Sagrado equivalents	Score	Validation
Spanish Language	GCM 101 - Text in contemporary culture ESP 121 y 122 - Literary genres I or II	3	6 credits
U.S. Government and Politics U.S. History	HIS 339 - U.S. Society and Culture	3	3 credits
World History	GCC 202 - Challenges of contemporary society	3	3 credits

College Level Examination Program (CLEP)

At Sagrado, these exams are taken into consideration for validation. The director of the academic unit to which the discipline belongs will evaluate its validation. The student is responsible for submitting the official exam passing information.

STUDIES AT OTHER UNIVERSITIES WITH SPECIAL PERMISSION

Sagrado allows undergraduate students to pass courses at other university institutions. The Vice Presidency of Academic Affairs issues the authorization only under the following criteria:

- The course is not offered at Sagrado and is an immediate graduation requirement or prerequisite for another required course. The course must be equivalent to or superior to that offered by Sagrado, in number of credits and content.
- The student must have a GPA of no less than 2.50.
- The student must be in compliance with the satisfactory academic progress standard.
- Courses that have already been attempted at Sagrado will not be authorized.
- A maximum of two courses per academic year may be authorized up to a maximum of 12 credits of the curriculum.
- If the permit is during the academic semester, the student must be enrolled in at least one course at Sagrado. If it is during the summer this requirement does not apply.
- The course must be passed with a minimum of "C".
- Courses approved by special permit are graded as P or NP.
- Any situation not contemplated here will be evaluated by the Vice Presidency of Academic Affairs.

Special authorization to take courses at another university

Regular Sagrado students who are interested in studying at another institution, which is not part of a consortium program or formal interuniversity agreement, must meet the following requirements:

1. Be an active student with a GPA of no less than 2.50.
2. Have completed 60 credits or more at Sagrado.
3. A student may receive a maximum of three special permits, during the entirety of their bachelor's degree, to take courses at another university.

4. On a voluntary basis, the student may identify the availability in another institution of:
 - a. Any exploration courses that are not available at Sagrado.
 - b. Any course that is a major requirement cannot be substituted, and is not available during the student's graduation year at Sagrado.
5. For students pursuing a bachelor's degree, the course must be passed with a minimum of "C". On the other hand, students pursuing a master's degree, the course must be approved with a minimum of "B".
6. Courses approved by special permit are graded as P or NP.

The Vice Presidency of Academic Affairs is responsible for granting special authorization to take courses at another university. The student must make their request through mi.sagrado.edu and provide the necessary information. Any situation not contemplated here will be evaluated by the Vice Presidency of Academic Affairs.

POLICY TO COMPLY WITH THE CURRICULUM

The courses must be taken in the order indicated in the study plan published by the Vice Presidency of Academic Affairs. If the student needs to modify the order of their studies, they should consult their academic advisor.

Student classification according to number of passed credits are as follows:

First year	student who has completed less than 31 credits
Second year	student who has completed 31 to 60 credits
Third year	student who has completed 61 to 90 credits
Fourth year	student who has completed 91 credits or more

VALIDITY OF THE CURRICULA

- The student must graduate according to the program ~~in force~~ valid at the time of admission to the Institution.
- Students who interrupt their studies for one semester and are readmitted will be governed by the curriculum ~~in force~~ valid on the date of readmission, regardless of academic level. If the degree has not been obtained, the validity of the courses will be 12 years⁴.
- The student is responsible for meeting the course and credit requirements set forth in their curriculum. Academic advisors guide the student in the fulfillment of the program but are not authorized to make modifications or substitutions in terms of courses and requirements.
- The University reserves the right to make changes to programs and requirements for academic degrees or diplomas.

STUDENT CATEGORIES

⁴ The academic advisor must confirm if the student has applied for a license under the parameters of the *Policy on Student Voluntary Leave of Absence*.

Category	Academic level	
	Undergraduate	Graduate
Full-time	12 credits or more	6 credits or more
Part-time	Less than 12 credits	Less than 6 credits
Auditor	<p>Student who is not required to attend regular classes or take exams and does not receive final grade or academic credit.</p> <p>Studies carried out as an auditor are not creditable towards an academic degree.</p>	
Transitory	<p>Is the student who is enrolled in another university or educational institution and receives authorization to study at the University.</p> <p>The transitory student who is interested in changing their status to that of a student with formal admission to an academic degree must satisfy the admission requirements in force at the time of submitting their application.</p>	

ACTIVE STUDENT STATUS

- To maintain the status of active graduate student, it is necessary to be enrolled in at least one graduate-level course or in the final degree project, or to be on academic leave (under the parameters of the *Policy on Student Voluntary Leave of Absence*). A license shall be granted for the period covered by each session. The maximum number of licenses to be granted will be for two consecutive sessions after a case evaluation by the Admissions and Academic Progress Committee of the program.
- A student who, for any valid reason, wishes to retain active student status without being officially enrolled in any course, must complete the Status Retention Form in the appropriate program during the first four weeks of the session for which the student is requesting retention of status.

ACADEMIC LOAD

The normal academic load for undergraduate students is 12 to 21 credits per semester. In the summer sessions, students can enroll up to a maximum of 6 credits, or the equivalent of 2 courses per session. Programs more than this limit must be authorized by the Registrar's Office.

VETERANS AND ITS BENEFICIARIES

- The school is approved by the Puerto Rico State Approving Agency to provide academic training to the students under the various GI Bill® programs.
- These beneficiaries must meet all admission requirements, in addition to those related to their status as a beneficiary of the appropriate agency in the federal or state program in question.
- The Office of Veterans Affairs under Federal Code, Title 38, states that beneficiaries must complete their program of study in the regular time of the program. If the beneficiary extends from the regular time, they will not be able to continue receiving veterans' benefits. However, they may receive other financial assistance available if they qualify.
- The Veterans Administration will only pay for those courses that fail (F) or that the grade obtained is less than that required in their program of study.

Pursuant to the requirements of Title 38 USC 3679(e) - Veterans Benefits related to Chapters 31 or 33, the following applies to any covered individual as defined under Chapter 31 (Vocational Rehabilitation and Employment) or Chapter 33 (Post-9/11 GI Bill® benefits). GI Bill® is a registered trademark of the Department of Veterans Affairs (VA).

1. The covered individual may attend and participate in classes during the period beginning on the date the individual provides the institution with the certificate of eligibility for the right to educational assistance under Chapters 31 or 33. A certificate of eligibility may also include a Statement of Benefits obtained through the Department of Veterans Affairs (VA) website - eBenefits or form VAF 28-1905 for authorization under Chapter 31; ending on the first of these two dates: a. The date the institution receives the VA payment; or b. 90 days after the date the institution certified tuition and fee charges upon receipt of the certificate of eligibility.
2. The institution will not impose:
 - (a) any penalty, including the \$10.00 financing charge on the monthly outstanding balance;
 - (b) restriction of access to classrooms, library, or other institutional facilities; or
 - (c) a requirement that an individual covered under this benefit borrow additional funds; due to the individual's inability to meet his or her financial obligations to the institution due to late disbursement by the Veterans Administration (VA) under Chapters 31 or 33. This provision does not apply to tuition, fee, and other charges that are not covered by the VA educational benefit.

GRADUATION REQUIREMENTS

Graduation Requirements for Undergraduate Programs

To be considered a candidate for a degree or diploma, the undergraduate student must meet the following requirements:

- Have passed the required courses and credits in accordance with the program of study enrolled in.
- Have achieved a minimum cumulative academic index of 2.00 in their curriculum requirements.
- Have completed in Sagrado at least the last 78 credits in the bachelor's programs and 15 credits in the associate degree programs of their program of study. Transfer students must have completed their study program and major requirements in accordance with transfer and validation rules. In the case of programs in agreement or consortium with other institutions, the student must have completed the courses of the corresponding study plan.
- Have passed major courses with a grade of "C" or higher and an index of 2.10 or higher.
- Students who meet these requirements must apply for graduation through the mi.sagrado.edu portal during enrollment in the semester prior to the semester in which they expect to complete the degree requirements.
- The University reserves the right to consider as a candidate for graduation the student who has completed the requirements of the degree, diploma, or certificate in which he

or she is enrolled, even if the candidate has not yet processed the corresponding application.

Graduation Requirements for Master's Programs

To be considered a candidate for the master's degree, the student must meet the following requirements:

- Have passed all required courses and credits in their program of study and have earned a graduation rate of 3.00 or higher.
- Have passed in Sagrado no less than 75% or 18 credits of the total credits required for the degree.
- Have passed the final degree project as established by their study program.
- Have filed the graduation application through the mi.sagrado.edu portal.

Graduation Requirements for Post-Bachelor's Certificates

To be considered a candidate for the post-bachelor's certificate degree, the student must meet the following requirements:

- Have passed all required courses and credits in their program of study and have earned a graduation rate of 3.0 or higher.
- Have filed the graduation application through the mi.sagrado.edu portal.

HONORS

Honor Roll

The honor roll includes the names of students in the baccalaureate programs who have presented excellent academic achievement at the end of each academic year. They must have achieved an overall GPA of 3.75 or higher.

Students with incompletes, total withdrawals or disciplinary sanctions will not be considered.
Harold Lidin Honor Seminar

Sagrado, through the Vice Presidency of Academic Affairs, offers the opportunity to its talented students to be part of the Harold Lidin Honor Seminar, whose fundamental requirement is to maintain an academic average of 3.50 and have passed 30 credits with a regular program of classes.

Graduation with Honors

The University graduates with honors undergraduate students who achieve the following levels of academic index, as established in the institutional standard:

Honor	Undergraduate Index
Cum Laude	3.50 - 3.75
Magna Cum Laude	3.76 - 3.95
Summa Cum Laude	3.96 - 4.00

Students transferring from other institutions will be eligible for honors if they have passed at Sagrado at least 50% of the credits required in their curriculum.

The honors regulations established in the Catalog in force at the time of admission will apply to each student. These indices apply to undergraduate programs (associate degree and baccalaureate).

Awards and Distinctions

The University awards the following prizes at the graduation ceremony:

Academic Distinction Award

It is awarded to the undergraduate level graduation candidate from each academic unit who has been recommended by the dean and faculty after meeting the following criteria:

- Academic Excellence - With a 4.0-point GPA, no withdrawals or repeated courses.
- Leadership - Through outstanding and verifiable participation in student organizations, projects, and activities or external recognition for professional or academic management.
- Service - Through verifiable participation in institutional projects, community service, or volunteering.

COMMENCEMENT CEREMONY

The University confers degrees and diplomas three times a year: in September, January, and May/June. However, graduation ceremonies are held once a year, at the end of the second academic semester. In view of the particular importance and significance of this act, the University expects punctual attendance of all graduates.

Students who completed the graduation requirements in June or July and have no pending business with the university can receive a certification attesting to their studies if requested to the Registrar's Office. The degree will be conferred in September.

CREDIT TRANSCRIPT

The Registrar's Office is custodian of the student's academic record and processes the official credit transcript and sends it to the requested entity.

Students seeking information regarding their academic record, or the submission of credit transcripts should contact the Registrar's Office, which will honor their request under the Family Educational Rights and Privacy Act of 1974.

Transcripts are made out only upon request and with the authorization of the interested party, or for official use by officials of the Institution authorized for that purpose.

Official transcripts are sent directly to the institutions or persons indicated by the student. Transcripts designated as "student copy" are those intended for the student's personal use. For a copy of the academic record or transcript of credits to be considered official, it must bear the embossed stamp of the University and the signature of the Registrar or authorized officer.

For the issuance of the transcription of credits students are required to comply with the following conditions:

- Have satisfied all financial obligations to the Institution.
- Have completed the application form.
- Have paid for the transcript.

Normally, transcripts must be requested at least one week before submission. During periods of enrollment, graduation, final examinations and processing of grades, the time required for the issuance of such documents may be longer.

Procedure

Students may request the transcript during the academic term in which they will complete their degree. They will receive it once they have completed it. It can be requested through: <https://tsorder.studentclearinghouse.org/school/select>. Any claim related to the application may be filed within 45 days from the date of filing.

DISTANCE EDUCATION

Pedagogical philosophy

Sagrado regards distance education as part of its educational philosophy by promoting the pursuit of knowledge through an active, collaborative, and pertinent Web-mediated learning experience. This experience allows other forms of encounter between the student and the teacher, between students, and between student and content.

Vision

Use the best practices in distance education and cutting-edge technology to educate with quality and academic excellence, integral people, intellectually free, entrepreneurial, with their own criteria and ethical responsibility.

ADMISSION TO DISTANCE PROGRAMS

General requirements

The general admission requirements for students in distance programs, including transfer and foreign students, are explained in this catalog in the corresponding section for students interested in studying in regular modality.

Technical requirements

- Have access to a computer with the specifications required by the institution.
- Have basic internet browsing skills.
- Knowledge and basic skills of operating systems, word processors, software, and work tools.
- Knowledge of electronic account management, to send, attach and receive messages.

Objectives of distance learning

1. Provide greater access to higher education by overcoming time and space constraints.
2. Promote autonomous and experience-linked learning.
3. Use technology as an instrument for the expansion and strengthening of Sagrado's university mission in its global context.
4. Develop new approaches for faculty to become a better facilitator of this process.
5. Share and maximize academic offerings and institutional resources.
6. Expand the student population to which Sagrado presents its academic offer.

7. Facilitate the establishment of collaborative agreements and consortia with other educational institutions, inside and outside Puerto Rico, to strengthen and share the academic offer.
8. Strengthen and enrich professional development and updating programs and lifelong education.
9. Meeting the multiple needs of a heterogeneous student population.
10. Meeting the needs of the adult population.
11. Meeting the needs imposed on us by the new global reality.

Learning modalities

- Distance Education - Fully Online (TL): 100% of the experience is facilitated through institutional platforms.
- Distance education - Videoconferencing (VC): 100% of the experience is facilitated in a face-to-face video way using institutional platforms synchronously.
- Distance Education - Flexible Hybrid (HF): 50% of the experience is facilitated in the traditional classroom and 50% is facilitated through institutional platforms.
- Distance Education - Virtual Hybrid (HV): 50% of the experience is facilitated by videoconferencing using an institutional platform and 50% is facilitated through institutional platforms asynchronously.
- Face-to-face - the course is provided in a traditional classroom and 100% of the contents, evaluation, and assessment activity are available in the LMS.
- Flexible Face-to-Face (PF) - The course is delivered from the classroom and broadcast simultaneously via videoconferencing.

Technologies and Media Used in Distance Learning

Distance learning uses various technologies for the transmission of video, voice, and data that enable a teaching and learning process beyond the constraints of time and space. There is a variety of courses that differ in the ways used to achieve teaching objectives, the teaching process used to promote the development of concepts and skills, the degree of interaction between faculty-student, student-student, assessment, and certification of learning.

Among the free technological tools for students, Sagrado offers:

- Virtual Library with unlimited access to databases
- "Ask the Librarian" Chat
- Refworks Bibliography Manager
- Assistive technologies (JAWS, Duxbury Braille Translator, FS Reader, Daisy Book Reader Application, OpenBook, PEARL Scan and Read)
- ZOOM
- Google Suite (Gmail, Drive, Docs, Sheets, Slide, Form, Calendar, Hangout)
- Microsoft Office 365 (Word, Excel, Power Point, OneDrive, OneNote, SharePoint, Forms)

- Windows license
- Learning Commons (SPSS, NVivo, Photoshop, InDesign, Illustrator, Premier, Adobe After Effects, Maya)
- Laptop Loan Service (Windows and Mac, iPad)
- Technological tools for learning (Canvas, Panopto, SmartEvals, Accredible, Turn it in, Proctortrack, Labster)
- Technical Support Line (ITI Service Desk)

Sagrado has incorporated various technologies and media into its teaching and learning process, such as live video conferencing and online courses. In addition, it offers the option of hybrid courses and programs.

CURRICULAR STRUCTURE OF SAGRADO⁵

General Requirements	39
Institutional Requirements	24
Major	30 - 43
Exploration	15 - 27

General Education (General Requirements)

This component studies topics such as languages, culture and arts, issues concerning our social, economic, and environmental world, issues related to the physicochemical world, and abstractions of the mathematical world with its applications and, mainly, reflects on our mental and behavioral processes in the light of ethical guidelines and responsibility towards others. These themes are presented from the tension between the multi, inter, and transdisciplinary spheres to establish the connections and complex reconstructions of knowledge to face a world under continuous change.

In turn, this component has been built with the five institutional competencies as its north:

1. Communication (oral and written in Spanish and English, visual and digital).
2. Critical questioning (reasoning and analysis, scientific reasoning, quantitative reasoning, and problem solving).
3. Research and exploration (search and discernment of types of information and appropriate use of technology).
4. Innovation and entrepreneurship (challenge management, problem solving).
5. Ethical sense and social justice (teamwork, ethical sense, and human diversity).

From these guidelines, a person who completes the General Education component throughout their bachelor's degree at Sagrado will obtain:

- Broad knowledge of the Natural and Social Sciences, and the Humanities.
- Ability to analyze, think critically, and reach conclusions.
- Skills to communicate their ideas clearly and consistently.
- Understanding the methods through which the search for knowledge takes place.

⁵ Este esquema curricular no aplica actualmente al programa de Enfermería.

- Ability to recognize differences and power relations in local and global spheres.
- Knowledge of the principles of well-being and a physically and psychologically healthy life.
- Ability to make decisions including those that require the interpretation of facts or figures and those concerning their economic environment.
- Awareness of sustainability issues from the UN SDGs.
- A willingness to articulate personal and professional goals.
- Ability to identify their strengths and weaknesses to manage their own performance.

General Education Courses

The General Education courses were established according to the five Catholic competencies and foundations: GCM-Communication, GCC-Critical Questioning, GIV-Research and Exploration, GSE-Ethical Sense, GIE-Innovation and Entrepreneurship, and TEO-Theology.

Code	Title	Credits	Prerequisites
GCM 101	Text In Contemporary Culture	3	
GCM 102	Perceptions And Notions of Reality	3	GCM 101
GCM 201	The Power of Arguments	3	GCM 102
GCC 101	Humanity's Origins: Development and Echoes	3	
GCC 201	Construction of An Ideal Society	3	GCC 101
GCC 202	Challenges of Contemporary Society	3	GCC 201
GIE 101	Organizations, Work, And Port-Work	3	
GIV 201	Information And Communication Technologies (ICT) For Post-Truth Research	3	
GIV 301	Research Design and Methodologies	3	GIV 201
GIV 302	Data Management	3	GIV 301
GSE 301	Ethics And Political Challenges for Social Justice And Peace	3	
GSE 302	Ecological Awareness, Inclusion, And Human Rights	3	GSE 301
TEO 411	Community, Solidarity, Justice, And Peace	3	GSE 202

Institutional requirements

As innovative elements of our academic project, two non-disciplinary areas are included in the General Education component: Self-Leadership and Entrepreneurship.

Self-leadership

Through the Leadership proposal Sagrado provides the tools so that students can advance their objectives. Students are guided to develop their own plan in all their dimensions: academic, social, emotional, financial, and spiritual. (6 credits)

Entrepreneurship

These credits will help students to reinforce how they will achieve their personal and professional goals through the methodology of ideation, validation, development, and

execution of a specific project. This component will help them manage and build solutions to problems that impact the community and the world. (18 credits)

Exploration

The Exploration component (traditionally called Free Electives) presents students with the possibility of exploring the variety of our undergraduate offer with multiple objectives: completing a double major, completing two minors, combining a minor with a series of free courses, or taking all credits in an exploratory way. This component guarantees our promise to offer a curriculum flexible to the needs, curiosities, and intellectual concerns of our student body. Number of credits fluctuates by program.

Declaration of Major, Double Major, and Minor

According to the new curriculum structure, students have between 16 to 27 Exploration credits depending on their major. This allows them to do a double major, 1 or 2 minors in their area of interest, or take the courses that interest them as exploration. Students interested in doing a double major or a minor must declare so through the Office of Enrollment Management. Courses comprising the selected minor must be passed with a minimum of C. The required minor courses available in the different academic units are presented in a minor's Catalog.

Minor concentrations consist of a minimum of 12 credits. If there is a coincidence between a student's major course and a minor course, the student may request that it be counted double. The request will be made through the mi.sagrado.edu portal. The double count will be exclusively for the purposes of the degree that will be granted to the student. Credits will not be counted twice in the credit transcript. It will be the student's responsibility to complete the total credits required in their curriculum to obtain their bachelor's degree.

As a rule, only a single course that is both a requirement in the student's enrolled major (RC) —leading to a bachelor's degree— and declared minor, will be susceptible to double counting. In the exceptional case that there are two or more simultaneous requirements between different components, the student will be responsible for requesting a substitution of courses following the current procedure. To do this, students will have the support of their academic advisor and academic director.

The double count will apply only in those cases in which the student requests it through the mi.sagrado.edu portal. At the time of the transcript evaluation, the academic advisor may recommend this alternative to the student.

Courses transferred from other institutions or validated by non-traditional methods will not be considered for the application of double counting.

At present, the Institution offers the following minors:

3D Animation, Visualization, and Interactivity	Journalism
Accounting	Management
Audiovisual Production and Film	Marketing
Biology	Mobile Application Development
Biomedical Sciences	Music
Business Development	Musical Theatre
Chemistry	News for Radio and Television
Creative Advertising	News Production for Radio and Television
Dance	Photography
Data Analytics	Pre-Legal
Education	Pre-Medical*

English	Pre-Pharmacy* ⁶
Event Production	Pre-Veterinary*
Exercise Science and Health Promotion	Psychology
Exercise Science and Health Promotion/Massage	Public Relations
Fashion Design	Scenic Design
Fashion Marketing	Sports Management
Film Screenplay	Strategic Communication
Finance	Sustainable Development
Foreign Languages	Theatre
Global Supply Management	Tourism
Human Diversity and Oppression	Visual arts
Interdisciplinary Communication	Visual Radio
International Studies and Global Communication	Web Application Development

ACADEMIC DEGREES BY ACADEMIC UNIT

Business Administration

The Business Administration Department is the academic unit that trains and develops professionals to make a difference in the business world. With an entrepreneurial vision, the Department seeks to broaden students' horizon by training them to be multifaceted through a teaching methodology in which they are involved in projects with real clients and in the identification of business opportunities at national and international levels.

Bachelor of Business Administration (BBA) in:

Accounting

Entrepreneurship Development and Management

Management

Marketing

Bachelor of Arts (BA) in Sustainable Development

Master of Business Administration (MBA) in Business Development and Management

Dual Bachelor of Business Administration in Marketing and Master of Science in Digital Marketing

School of Arts, Design, and Creative Industries

The academic offer includes a variety of academic programs from different disciplines within the arts, design, and creative industries, allowing holistic learning linked to the professional environment.

Bachelor of Arts (BA) in

Visual arts

Dance

Experience Design: Tourism and Events

Fashion Design and Management

Graphic design

⁶ Students interested in these minors will need to complete certain prerequisites. Advisory with the School of Health and Sciences is recommended before declaring them.

- Industrial design
- Creative Writing and Literature
- Music
- Arts & Entertainment Business
- Theatre
- Bachelor of Arts in Communication (BAC)
 - 3D Animation, Visualization, and Interactivity
 - Photography
- Post-bachelor's certificate (CP) in Event Production and Marketing
- Master of Arts (MA) in
 - Design and Creative Production
 - Creative Writing
- Dual Degree Bachelor of Art in Creative Writing and Literature and Master of Arts in Creative Writing

Ferré Rangel School of Communication

The Ferré Rangel School of Communication (ECFR) has academic programs at the graduate and undergraduate levels that prepare students to perform effectively in a global environment, to connect, impact, and transform their audiences. For this, the school combines a teaching methodology based on active learning in which the theoretical foundations are put into practice through projects, both inside and outside the classroom. Learning is based on the pillars of a faculty expert in its discipline, a technological infrastructure at the height of the latest industry trends, and a relevant and updated curriculum.

- Bachelor of Arts in Communication (BAC) in:
 - Strategic Communication
 - Interdisciplinary Communication
 - Journalism
 - Audiovisual Production and Film
- Bachelor of Arts (BA) in International Studies and Global Communication
- Bachelor of Science (BS) in Computer Science and Applied Digital Technologies
- Master of Arts (MA) in Public Relations and Integrated Communication
- Master of Arts in Communication (MAC) with a specialty in:
 - Journalism and Innovation
 - Storytelling A
- Master of Science (MS) in Digital Marketing
- Dual Degree Bachelor of Arts in Communication in Strategic Communication and Master of Arts in Public Relations and Integrated Communications

School of Health and Sciences

The School of Health and Sciences prepares students to respond to the demand for science and health professionals, with an emphasis on research and community service activities. The programs have modern facilities, equipment, and instruments, and field experiences that complement the educational experience. The programs of the School of Health and Sciences will allow the student to enter graduate and specialty schools to continue their professional training.

Associate degrees (GA) in Nursing Science⁷

Bachelor of Science (BS) in:

Biology

Biomedical Sciences

Exercise Science and Health Promotion

Chemistry

Bachelor of Arts (BA) in:

Psychology

Social Work

Bachelor of Science in Nursing (BSN)⁸

Bachelor of Science in Nursing (RN to BSN)⁹

Master of Science (MS) in Physical Performance and Health Promotion

General Education

The General Education Unit aims to strengthen the five institutional competencies through the interdisciplinary courses that make up the general and institutional requirements of all curricula. The five competencies are: Communication, Critical Questioning, Innovation and Entrepreneurship, Research and Exploration, and Ethical Sense and Social Justice. To achieve this goal, the Unit has a multidisciplinary faculty and the support resources of the Madre María Teresa Guevara Library, the Center for Collaborative Innovation, Neeuko, and the Language Laboratory.

Bachelor of Arts (BA) in:

Education

Multidisciplinary Studies

Theology and Leadership for Social Action

Master of Education (MEd) in Learning, Media, and Technology

CONSORTIA

Sagrado has articulated agreements with the following institutions:

- Notre Dame of Maryland University (NDMU) - Bachelor of Biomedical Sciences (Sagrado) and Doctorate in Pharmacy (NDMU).

⁷ Face-to-face and online

⁸ Face-to-face and online

⁹ Online

- Ponce Health Sciences University (PHSU) - Bachelor of Biomedical Sciences or Biology (Sagrado) and Doctor of Medicine (PHSU).
- University of Medicine and Health Sciences (UMHS) - Bachillerato en Ciencias Biomédicas o Biología (Sagrado) y Doctor en Medicina (UMHS)

Other agreements:

- Ross University School of Medicine (RUSM)
- University of the Incarnated Word
 - Doctorate in Occupational Therapy
 - Doctor of Physical Therapy
 - Master of Science in Athletic Training
 - “Health Professions Pathway”
 - Pharmacy
 - Optometry
 - Osteopathic Medicine

Interested students should contact the Dean of the School of Health and Sciences.

UNDERGRADUATE PROGRAMS

ASSOCIATE DEGREES

Associate of Science in Nursing

The Associate Degree in Nursing aims to prepare qualified nurse associates to work in different health scenarios, using the nursing process by intervening with individuals, family, and the community under the supervision of a general nurse or specialist. Its modern Simulation and Skills Laboratory is considered as one of the best among nursing schools in Puerto Rico. This lab facilitates the practice and development of psychomotor skills in the students of the Program, as well as the recreation of real situations, to work them with high, medium, and low technology simulators. The courses of this major are offered by specialist professors in the different areas in the Nursing Sciences. The theoretical part of these major courses is also offered in the distance modality.

General Requirements (RG):	21
Departmental Requirements:	15
Major Requirements (RC):	<u>39</u>
TOTAL CREDITS:	75

Code	Course Title	Credits	Prerequisites
General Requirements (RG)			
INF 105	Introduction to Computer Science	3	
BIO 101	Human Biology I	3	
ING 113	Oral and Written Composition	3	It will depend on PAA
ESP 106	Read to Write	3	PAA level 450-99
ESP		3	Multiple options
ING 114	Oral and Written Composition	3	It will depend on PAA
TEO		3	Multiple options
Total		21	

Code	Course Title	Credits	Prerequisites
Departmental Requirements (RD)			
MAT 210	Applied Statistics	3	
BIO 102	Human Biology II	3	BIO 101
QUI 118	General, Organic, and Biochemistry	5	
BIO 204	Introduction to Microbiology	4	Concurrent with BIO 101
	Total	15	
Major Requirements (RC)			
ENF 101	Fundamentals of Nursing	3	
ENL 101	Fundamentals of clinical nursing	4	
ENF 231	Pharmacology	3	QUI 118, ENF 101, ENL 101
ENF 108	Adult Medical Surgical Care	8	ENF 101, BIO 101, concurrent with ENF 231
ENF 201	Mother, Newborn, and Family Care	7	ENF 101, ENF 108, ENF 231
ENF 204	Pediatric Nursing	7	ENF 201 and its prerequisites
ENF 205	Psychiatric Nursing	7	ENF 108
* ENF 102	Students and their Adaptation in Nursing	(2)	*Required for those who substituted or validated ENF 101
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101: For students who will take a board exam in states or countries that require it
	Total	39	

BACHELOR'S DEGREES

3D Animation, Visualization, and Interactivity (BAC)

The innovation of digital technologies has changed the ways of collaborating, communicating, and learning. This requires a creative, innovative, and enterprising professional who produces amazing audiovisual digital content. Knowledge in three-dimensional animation serves to meet the needs of educational, health, or commercial industries through new products and services, both for virtual and real environments. 3D visualization and interactivity allow the graduate of this program to develop in multiple roles of employment and business self-management in various disciplines, according to their interests and expertise.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	33
Exploration (EX):	<u>47</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ADT 101	Manipulation and Edition of Digital Image	3	--
ADT 201	Introduction to 3D Modeling and Animation	3	ADT 101

Code	Course Title	Credits	Prerequisites
ADT 210	Pre-Production, Visualization, and Animatics	4	--
ADT 220	Character Design and Animation	3	ADT 201, ADT 210
ADT 310	Advanced Texturing and Illumination	3	ADT 201, ADT 210
ADT 401	Special Project in 3D Animation	4	ADT 220, ADT 310
ADT 425	Special Effects and Image Composition	3	ADT 220, ADT 310
ADT 430	Advanced 3D Animation	4	ADT 220, ADT 310
CRE 490	Interdisciplinary Internship Creative Industries	3	ADT 425

Visual Arts (BA)

The Visual Arts Program focuses on providing students with the tools to develop in the new visualities that have resulted from technological advances and globalization, based on the study of traditional media. The curriculum trains students for research, conceptualization, and creation of artistic proposals in accordance with the XXI century, while preparing them to insert themselves as entrepreneurs and self-managers in the new dynamics of cultural industries. Students develop their skills through various experimentation workshops, as well as individual and collaborative projects.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	39
Exploration (EX):	18
TOTAL	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ART 111	Theory and History of Art	3	--
ART 116	Language and Visual Thinking	3	--
ART 125	Fundamentals of Drawing	3	--
ART 215	Bi-Dimensional Creation	3	ART116; ART125
ART 220	Digital Media	3	ART125
ART 230	Three-Dimensional Creation	3	ART 215
ART 310	New Trends	3	ART116; ART125
ART 315	Product Design	3	ART116; ART 125 ART 230
ART 320	Graphic Processes	3	ART116; ART 125
ART 410	Public Art	3	ART 125 ART 230
ART 415	The Circuit of Art	3	ART 310
ART 485	Interdisciplinary Practice	3	All major credits
CRE 490	Interdisciplinary Internship Creative Industries	3	ART 320

Biology (BS)

The Biology Program prepares professionals with a deep knowledge of living beings, from a systemic perspective and with social commitment to respond to the demands of our local and global environment. Students develop critical thinking, research skills, entrepreneurial attitude, and the ability to work in multidisciplinary teams.

General Requirements (RG)	39
Institutional Requirements (RI)	24
Major Requirements (RC)	38
Exploration (EX):	<u>25</u>
TOTAL	125

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
MAT 133	Pre-calculus I	3	For students with 500 or less in the PAA: MAT 101
BIO 111	General Biology I	4	--
QUI 101	General Chemistry I (with lab)	4	--
MAT 134	Pre-calculus II	3	MAT 133
QUI 102	General Chemistry II (with lab)	4	QUI 101
BIO 112	General Biology II (with lab)		BIO 111
BIO 200 or BIO 203	Algae, fungi, and bryophytes (with lab) or Zoology (with lab)	4	BIO 112
BIO 223 or BIO 323	Genetics (with lab) or Developmental biology (with lab)	4	BIO 112
BIO 302	Ecology (with lab)	4	BIO 112

Biomedical Sciences (BS)

The Biomedical Sciences Program focuses on providing students with the tools for the ethical management of scientific and technological advances in the face of globalization. Students are prepared to continue professional studies in areas such as Medicine, Pharmacy, Dental Medicine, Veterinary, Podiatry, and Chiropractic.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	43
Exploration (EX):	<u>21</u>
TOTAL	121

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
MAT 133	Pre-calculus I	3	For students with 500 or less in the PAA: MAT 101
BIO 111	General Biology I (with lab)	4	--
QUI 101	General Chemistry I (with lab)	4	--
MAT 134	Pre-calculus II	3	MAT 133
QUI 102	General Chemistry II (with lab)	4	QUI 101
BIO 112	General Biology II (with lab)	4	BIO 111
QUI 301	Organic Chemistry 1 (with lab)	4	QUI 102
MAT 201	Calculus I	5	MAT 134
FIS 203	General Physics I (with lab)	4	MAT 201
QUI 302	Organic Chemistry 2 (with lab)	4	QUI 301
FIS 204	General Physics II (with lab)	4	FIS 203
QUI 403	Biochemistry	4	QUI 101, QUI 102, QUI 301 y QUI 302

Computer Science and Applied Digital Technologies (BS)

The Bachelor of Science in Computer Science and Applied Digital Technologies is oriented towards the development of applications incorporating the latest technological advances and new trends. The curriculum enables students to insert themselves as entrepreneurs and self-managers in multidisciplinary projects involving digital and computational technology. Students develop theoretical and practical competences through various research and collaboration spaces, as well as individual and collaborative projects. The program seeks to prepare students who become communicators with a strong background in computer science, or software development specialists with a perspective in communication.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	46
Exploration (EX):	15
TOTAL CREDITS:	125

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
INF 120	Algorithms and Creative Programming	4	--
INF 125	Creative Programming and Problem Solution	4	INF 120
CCO 115	Computer Principles and Techniques	4	--
INF 201	Data Structure	3	INF 125
CCO 225	User Experience Development in Web Applications	3	INF 125
CMU 260	Digital Storytelling	3	GIV 201
CCO 290	Web Content Management	3	

Code	Course Title	Credits	Prerequisites
INF 252	Database Design	3	INF 125
CCO 340	Operating Systems	3	INF 201
CCO 335	Distribution Systems	4	INF 201, CCO 115
CCO 460	Artificial Intelligence	3	INF 201
CMU 350	Data Analytics	3	INF 125, GIV 302
CCO 405	Computer Ethics	3	CMU 350
INF 385	Programming for Mobile Devices	3	CCO 225, EMP 411

Exercise Science and Health Promotion (BS)

The Exercise Science and Health Promotion Program focuses on training professionals committed to education and preventive health. Future health professionals are trained in the technical and scientific skills and knowledge and educational experiences to design, plan, and implement programs that promote health in a global context.

General Requirements (RG)	39
Institutional Requirements (RI)	27
Major Requirements (RC)	43
Exploration (EX):	<u>16</u>
TOTAL	125

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
CFI 101	Social and Psychological Aspects of Physical Activity	3	
BIO 101	Human Biology I	3	
BIO 102	Human Biology II	3	BIO 101
CFI 201	Perceptual Motor Development	3	
CFI 202	Injury Prevention and First Aid	2	
CFI 203	Physiology Exercise I	3	BIO 102
CFI 204	Physiology Exercise II	3	CFI 203
CFI 301	Cardiorespiratory Conditioning	3	CFI 204
CFI 302	Kinesiology	3	BIO 102
CFI 305	Modality of Physical Activity	3	CFI 302
CFI 401	Training Methodology	3	CFI 204
CFI 402	Body Strength	3	CFI 204
CFI 411	Nutrition, Human Performance, and Health	3	
CFI 414	Measurement and Evaluation of Physical Activity	3	
CFI 412	Administration and Supervision of Sports Facilities	2	
CFI 413	Practicum in Exercise Science and Health Promotion	3	All major courses up to CFI 414

Strategic Communication (BAC)

Strategic communication is a deliberate approach to the study of social and organizational problems from a transdisciplinary perspective with the purpose of identifying solutions and recommendations to address them from the communicational field. It highlights the application of communication initiatives to analyze, connect, and build relationships with audiences, as well as branding processes, corporate communication, social responsibility, digital and social media to achieve organizational goals. This concentration allows students to align their professional interests in areas such as advertising, public relations, and strategic communication. Students develop creative and digital communication skills based on a strategic plan. In addition, it provides a knowledge base, develops skills, and fosters entrepreneurship to form global citizens in line with the United Nations Sustainable Development Goals.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
CES 110	Strategic Communication	3	--
CES 111	Applied Strategic Writing	3	CES 110
CES 220	The Creative Process	3	CES 111
CES 221	Strategic Branding	3	CES 220
CES 310	Digital Media Strategies	3	CES 221
CES 311	Creation, Healing, and Dissemination of Digital Content	3	CES 310
CES 410	Regulatory Standards for Strategic Communication	3	CES 311
CES 411	Strategic Communication Management	3	CES 410
CES 412	Audience and Media Analytics	3	--
CES 415	Consumer Insights	3	CES 311

Interdisciplinary Communication (BAC)

The Interdisciplinary Communication Program focuses on facilitating the training of students interested in Communication as a field of knowledge, through which they can understand and evaluate ethically and critically the media, its technologies, its contexts, its contents, and its audiences. Students will be able to approach the communication processes through research and analysis for the solution of problems, the development of capacities to face communicative situations that require knowledge skills and analysis of local and global culture.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
CMU 101	Introduction to Mass Media	3	---
CMU 110	Media Convergence, Communication, and Culture	3	CMU 101
CMU 240	Multimedia Copywriting and Multi Narratives	3	CMU 110
PER 113	Press: Law and Ethics	3	CMU 110
CMU 232	Management and Self-Management of Communication Projects	3	CMU 240
CMU 314	Persuasive Communication	3	CMU 240
FOT 115	Negative, Printing, and its Digital Application	3	--
PAV 421	Contemporary Visual Culture	3	---
CES 412	Audience and Media Analytics	3	--
EIN 205	Introduction and Theory: Global Communication	3	

Accounting (BBA)

The program in Accounting aims to prepare professionals with the knowledge to perform as public or private accountants, with the technological and professional tools that allow them to exercise their functions responsibly and contribute effectively to the achievement of the objectives of their organization. For students who aspire to complete the requirements for the CPA exam, the curriculum includes an option with 69 major credits for a total of 150 credits.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	42 (72)*
Exploration (EX):	15
TOTAL CREDITS:	120 (150)*

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	
INF 110	Computing	2	
CON 120	Accounting for Managers	4	
ADM 102	Organization Dynamic	3	
ADM 201	Business Law	3	
ECO 310	Contemporary Economic Issues	3	ADM 102, CON 120
MCO 251	Managerial Statistics	3	--
FIN 305	Managerial Finance	3	CON 120
CON 220	Accounting Principles I	3	--
CON 221	Accounting Principles II	3	CON 220
CON 310	Intermediate Accounting	3	CON 221
CON 320	Cost Accounting	3	CON 221
CON 405	Advanced Accounting	3	CON 310

Code	Course Title	Credits	Prerequisites
CON 419	Audit	3	CON 310

ADDITIONAL COURSES TO COMPLETE CPA REQUIREMENTS

Code	Course Title	Credits	Prerequisites
ADM XXX	Business Course	3	
ADM XXX	Business Course	3	
ADM XXX	Business Course	3	
ADM XXX	Business Course	3	
CON 360	Computer Systems in Accounting	3	
CON 416	Income Taxes in Puerto Rico	3	CON 314, CON 310
CON 405	Advanced Accounting	3	CON 314, CON 310
CON 400	Nonprofit Accounting	3	CON 314, CON 310
CON 417	Federal Taxes	3	CON 314 or CON 310, CON 315 or CON 320
CON 415	Auditing of Accounting Systems	3	

Dance (BA)

The Dance Program offers a current and comprehensive perspective on the technique, theory, practice, application, and context of dance. It promotes the interaction between specialized skills and a general education that keeps learning centered on the student artist. The program is based on interactive, collaborative, and body-centric learning, which enriches the individual experience and encourages independence and self-management.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	42
Exploration (EX):	15
TOTAL	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
DAN 101	Classical technique: Basic level I	2	
DAN 102	Classical technique: Basic level II	2	DAN 101
DAN 103	Contemporary technique: Basic level I	2	
DAN 104	Contemporary technique: Basic level II	2	DAN 103
DAN 111	Improvisation Laboratory	1	
DAN 201 or DAN 203	Classical technique: Intermediate Level I <i>or</i> Contemporary Technique: Intermediate Level I	3	DAN 102 or DAN 104
DAN 202 or DAN 204	Classical technique: Intermediate Level II <i>or</i> Contemporary technique: Intermediate level II	3	DAN 201 or DAN 203

Code	Course Title	Credits	Prerequisites
DAN 205	Dance: Past, Present, and Future	3	
DAN 207	Motion Analysis	3	
DAN 301 or DAN 303	Classical Technique: Advanced I or Contemporary Technique: Advanced I	3	DAN 202 or DAN 204
DAN 302 or DAN 304	Classical Technique: Advanced II or Contemporary Technique: Advanced II	3	DAN 301 or DAN 303
DAN 390	Special Themes	3	--
CFI 302	Kinesiology	3	--
PME 210	Techniques, Stages and Lights	3	--
CRE 490	Interdisciplinary Internship Creative Industries	3	DAN 302 DAN 304

Entrepreneurship Development and Management (BBA)

The Business Development Program focuses on developing in the student the skills to identify, enable, develop, and lead growth opportunities in companies. Students are trained to undertake, either through the creation of a new business or via intrapreneurship. Students develop competencies and skills in topics such as idea generation, market research, financing alternatives, business models, team development, innovation, marketing, and internationalization of entrepreneurship.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	45
Exploration (EX):	<u>12</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	PrerequisitePre requisites
GME 101	Principles of Marketing	3	
INF 110	Computing	2	
ADM 102	Organization Dymanic	3	
ADM 105	Macroeconomics to Personal Branding	3	
CON 120	Accounting for Managers	4	
MCO 250	Statistical Analysis	3	
ADM 201	Business Law	3	
MCO 251	Managerial Statistics	3	
ECO 201	Economic Analysis	3	ADM 105
FIN 305	Managerial Finance	3	CON 120
ECO 310	Contemporary Economic Issues	3	ADM 102, ADM 105 y CON 120
GME 312	Marketing Research	3	MCO 250
ADM 300	Managerial Experience	3	ADM 105
ADM 401	Management Operation	3	ADM 102

Code	Course Title	Credits	PrerequisitePre requisites
ADM 450	Decision Making	3	ADM 300

Sustainable development (BA)

The Sustainable Development Program provides interdisciplinary training and encourages the analysis of local and global problems from different approaches: social, economic, environmental, and cultural. It focuses on exploring development studies with a sustainable perspective, with a systemic approach and with values of solidarity, justice, and peace. The bachelor's areas of knowledge are organized from the four pillars of sustainability: the economic, the social, the environmental, and the cultural. The bachelor's places special emphasis on the analysis of cities and the design of projects to improve the urban environment. It provides the training needed by future professionals interested in working in municipal administrations or in entities focused on community development. Likewise, the program strengthens the knowledge and skills of students interested in continuing studies in graduate programs in planning, urban planning, public administration, or environmental management, among others.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	36
Exploration (EX):	<u>21</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ADM 102	Organization Dynamic	3	
ADM 201	Business Law	3	
DES 110	Sustainable Development: 2030 Agenda	2	
DES 213	Environmental Dimensions of Sustainable Development	2	
DES214	Social Development	2	
DES 215	Economic Development	2	
DES 216	Culture and Sustainable Development	2	
MCO 251	Managerial Statistics	3	
DES 317	Planning and Monitoring of Indicators	2	
DES 318	Project Evaluation	2	
DES 419	The Sustainable City I: Smart and Inclusive Cities	3	DES 318
DES 420	The Sustainable City II: Housing, Historic Centers, and Public Spaces	3	DES 318
DES 421	The Sustainable City III: Transportation, Water, Energy, and Waste Management	3	DES 419, DES 420
ADM 498	Practice of Business Administration	3	
ADM 410	Business Tools	1	

Diseño de Experiencias: Turismo y Eventos (BA)

The visitor economy is presented as a sector in constant growth and with great diversification. Currently, it represents one of the main sources of income for many destinations and is placed among the most important economic sectors in the world. These variables force us to rethink tourism and the areas that are taking center stage within it. Thus, the area of tourist experiences, and especially events, becomes very relevant. Currently, experiences serve as elements to temper tourism products and services to the needs and demands of today and events have become a strategy to generate economic and cultural value, both for local and international consumers.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
EXP 100	The Panorama of the Visitor Economy	3	
EXP 150	The Economy of Events and Experiences	2	
EXP 225	Design and Development of Experiences	3	EXP 150
EXP 275	Image, Brand, and Destination Management	3	EXP 100
EXP 290	Opportunities Seminar I	2	EXP 100
EXP 291	Opportunities Seminar II	2	EXP 100
EXP 315	Production of Events	4	EXP 150
EXP 350	Innovation and Digital Experience	2	EXP 225
EXP 425	Tourists and Hosts: Opportunities and Challenges	3	EXP 275
EXP 390	Special Topic Seminar	3	EXP 275
CRE 490	Interdisciplinary Internship Creative Industries	3	EXP 350

Graphic Design (BA)

The Graphic Design program develops professionals with the skills and competencies necessary to function in the design and production industry within digital ecosystems. Through active learning and design thinking, entrepreneurship, technology, and user-centered creation are intertwined. The student is trained as a creative, critical designer, with the ability to research, organize and plan, understand market needs, visually communicate data and information, and find creative and innovative solutions to solve design problems. The program emphasizes the necessary tools so that the graduate —part artist and part storyteller— is understood as part of a context in constant evolution marked by the digitalization of society and technological advance.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	45
Exploration (EX):	<u>12</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ADT 101	Manipulation and Edition of Digital Image	3	
ADT 201	Introduction to 3D Modeling and Animation	3	
ART 111	Theory and History of Art	3	
ART 125	Fundamentals of Drawing	3	
ART 220	Digital Media	3	ART 125
DIS 105	Design History	3	
DIS 110	Principles of Design	3	
GRA 205	Computerized Typographic Design	3	
GRA 305	Interactive Design	3	DIS 110
GRA 310	Computer Illustration Design	3	DIS 110
GRA 315	Graphic Design for Audiovisual Media Management	3	
GRA 405	Multimodal Electronic Design	3	GRA 315
GRA 410	Graphic Design Workshop: Idea Visualizing	3	GRA 315
GRA 415	Graphic Production for Digital Ecosystems	3	GRA 410
CRE 490	Interdisciplinary Internship Creative Industries	3	GRA 315

Industrial Design (BA)

The Industrial Design program develops cutting-edge professionals who implement best practices in product design in ethical and sustainable ways. The program offers an interdisciplinary curriculum that gives students a solid foundation in the art, design, technological, and technical aspects of product design, social and economic aspects, and those related to sustainability. Industrial or product design is the point where the existing or new needs of a consumer converge with production and service capabilities. The program integrates the concepts of circular economy, responsible production and consumption, sustainable practices, quantitative and qualitative problems of sustainability and business, materiality, and the consumer's right to repair.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	45
Exploration (EX):	<u>12</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ART 111	Theory and History of Art	3	
ART 125	Fundamentals of Drawing	3	
DIS 105	Design History	3	
DIS 110	Design Principles	3	
IND 105	Tridimensional modeling	3	
IND 205	Materials and Processes I	3	
IND 215	Circular Economy for Product Development	3	

Code	Course Title	Credits	Prerequisites
IND 210	Industrial Design Studio I	3	IND 105
IND 220	Industrial Design Studio II	3	IND 210
IND 305	Materials and Processes II	3	IND 205
IND 310	Industrial Design Studio III	3	
IND 315	Industrial Design Studio IV	3	IND 310
IND 405	Industrial Design Studio V	3	IND 315
IND 410	Industrial Design Studio VI	3	IND 405
CRE 490	Interdisciplinary Internship Creative Industries	3	IND 315

Fashion Design and Management (BA)

The Fashion Design and Management Program develops cutting-edge professionals who implement the best practices of ethical and sustainable fashion. At the same time, it provides its students with design skills based on a critical reflection on the artistic, cultural, and functional value of fashion. Business creativity is developed by training students in the necessary skills to generate solutions to the challenges and changes experienced by the sector through design. The curriculum links the diversity of activities of the fashion system that integrate the creative process with the managerial practices necessary to bring a product to market. It also analyzes the industry as a system and links design, manufacturing, and business practices, always in an environment of sustainability, fair trade, and inclusiveness. Through an understanding of the local and international context, creative exercise, and management practices, graduates will be able to integrate into the industry from multiple roles in the fashion ecosystem.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	45
Exploration (EX):	<u>12</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ART 111	Theory and History of Art	3	
MOD 105	Introduction and Basics of the Fashion System	3	
ART 125	Fundamentals of Drawing	3	
DIS 110	Design Principles	3	
DIS 105	Design History	3	
MOD 205	Fashion Design Workshop I	3	MOD 105
MOD 210	Circular Fashion, Sustainability, and Business Models	3	
MOD 220	Fashion Design Workshop II	3	MOD 205
MOD 215	Trend Analysis and Development of Fashion Products	3	MOD 105
MOD 305	Fashion Brand Marketing & Identity	3	MOD 105
MOD 315	Fashion Design Workshop III	3	MOD 220
MOD 310	Logistics, Marketing, and Digital Strategies in the Fashion System	3	MOD 305
MOD 405	Ethical, Social, and Fair-Trade Responsibility in Fashion	2	MOD 210

Code	Course Title	Credits	Prerequisites
MOD 410	Fashion Design Workshop IV	4	MOD 315
CRE 490	Interdisciplinary Internship Creative Industries	3	MOD 315

Education (BA)¹⁰

The Education Program promotes the comprehensive training of effective and motivated professionals who can develop creative educational projects. It focuses on high-quality teacher training and socio-environmental and cultural commitment. It fosters the development of agents of social change, sensitive to gender, functional diversity, and racial aspects, reflective, entrepreneurial, and integrative of human diversity, cultural and technological resources, and committed to excellence and ethical practices. In addition, the program meets the standards inherent to the profession and the certification requirements of the Puerto Rico Department of Education.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisite
EDU 201	Fundamentals of Education	3	--
EDU 205	Education Psychology	3	000
INF 104	Fundamentals of Computer Science for Education	3	--
EDU 226	Principles Instructional Design	3	EDU 205
HIS 212	Development of the Puerto Rican Nation	3	--
HIS 339	U.S. Society and Culture	3	--
EDU 301	Learning Assessment	3	EDU 226
EDU 306C	Nature, Needs, and Technological Assistance of the Exceptional Student	3	EDU 205, EDU 226
EDU 360	Special Education Intervention for the Regular Track	3	EDU 360C
EDU XXX	Teaching Methodology	3	EDU 201, EDU 205, EDU 226, INF 104, EDU 301, EDU 306C, EDU 360 y 15 créditos del área de interés.

¹⁰ Students interested in the teacher's license granted by the Puerto Rico Department of Education should receive advice from the director of the General Education Unit.

Nursing (BSN) - Face-to-face modality

This program prepares nursing professionals to practice their profession effectively and competently with performance of excellence, human quality, and moral and spiritual values by providing client- and family-centered care. The curriculum includes the development of professional competencies in the areas of fundamentals of nursing, medicine and surgery, maternity, pediatrics, mental health and psychiatry, community, leadership, management, and research, among other innovative areas of health care. Physical facilities include a modern simulation and skills laboratory.

General Requirements (RG):	48
Departmental Requirements (RD):	12
Major Requirements (RC):	<u>64</u>
TOTAL CREDITS:	124

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
General Requirements (RG)			
FEP 100	University Experience Seminar	3	
	Natural Sciences, Mathematics, Technology	3	Must take BIO 101
	Natural Sciences, Mathematics, Technology	3	
	Natural Sciences, Mathematics, Technology	3	Statistics course required
	Language	3	According to PAA score. Student must take at least 3 credits in English.
	Language	3	According to PAA score. Student must take at least 3 credits in Spanish.
	Languages	3	Multiple options
	Languages	3	Multiple options
	Languages	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Social Sciences	3	Must take PSI 201
	Social Sciences	3	Multiple options
	Theology, Studies on Religions	3	Multiple options
	Theology, Studies on Religions	3	Multiple options
	Total	48	
Departmental Requirements (RD)			
BIO 102	Human Biology II	3	BIO 101
QUI 118	General, Organic, and Biochemistry	5	
BIO 204	Introduction to Microbiology	3	BIO 102
BIL 204	Introduction to Microbiology Lab.	1	BIO 102
	Total	12	

Code	Course Title	Credits	Prerequisites
Major Requirements (RC)			
ENF 101	Fundamentals of Nursing	3	
ENL 101	Fundamentals of Clinical Nursing	4	
ENF 206	Physical Estimation	2	P - BIO 101, ENF 101 C-ENL 206
ENL 206	Clinical Physical Estimation	1	P - BIO 101, ENF 101
ENF 230	Physiopathology	3	P - BIO 101
ENF 231	Pharmacology	3	P - QUI 118
ENF 341	Medicine and Surgery I	3	P - BIO 101, ENF101, ENL 101
ENL 341	Medicine and Surgery I- Clinical	4	P - BIO 101, ENF 101, ENL 101
ENF 342	Medicine and Surgery II	3	P - ENF 206, ENF230, ENF 231, ENF 341, ENL 341, BIO 101
ENL 342	Medicine and Surgery II - Clinical	4	P - ENF 206, ENF 230, ENF 231, ENF 341, ENL 341
ENF 301	Maternity	3	P - ENF 342
ENL 301	Maternity - Clinical	4	P - ENF 342, ENL 342
ENF 349	Mental Health	3	P - ENF 342, ENL 342, PSI 201
ENL 349	Mental Health - Clinical	3	P - ENF 342, PSI 201
ENF 402	Pediatrics	3	P - ENF 301, ENF 349, ENL 349
ENL 402	Pediatrics - Clinical	4	P - ENF 301, ENF 349, ENL 349
ENF 440	Community Health	3	P - ENF 301, ENL 301
ENL 440	Community Health - Clinical	2	P - ENF 301, ENL 301
ENF 434	Theories and Administrative Practices of Nursing Services	3	P - ENF 402, ENF 440, Statistics course
ENL 434	Theories and Administrative Practices of Nursing Services - Clinical	3	P - ENF 402, ENF 440, Statistics course
ENF 480	Integrative Seminar	3	P - ENF 402, ENL 402, ENF 440
*ENF 102	Students and Their Adaptation in Nursing	(2)	* Required for those who substitute or validate ENF 101.
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101 o ENF 102: For students who will take board exam in states or countries that require it.
	Total	64	

Nursing (BSN) - Online/Accelerated Modality

General Requirements (RG):	48
Departmental Requirements (RD):	12
Major Requirements (RC):	<u>64</u>
TOTAL CREDITS:	124

Codes	Course Titles	Credits	Prerequisites (P) Co-requisites (C)
General Requirements (RG)			
FEP 100	University Experience Seminar	3	
	Natural Sciences, Mathematics, Technology	3	Must take BIO 101
	Natural Sciences, Mathematics, Technology	3	
	Natural Sciences, Mathematics, Technology	3	Statistics course required
	Language	3	According to CEEB score. Student must take at least 3 credits in English.
	Language	3	According to CEEB score. Student must take at least 3 credits in Spanish.
	Languages	3	Multiple options
	Languages	3	Multiple options
	Languages	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Arts, Philosophy, Humanities	3	Multiple options
	Social Sciences	3	Must take PSI 201
	Social Sciences	3	Multiple options
	Theology, Studies on Religions	3	Multiple options
	Theology, Studies on Religions	3	Multiple options
	Total	48	
Departmental Requirements (RD)			
BIO 102	Human Biology II	3	BIO 101
QUI 118	General, Organic, and Biochemistry	5	
BIO 204	Introduction to Microbiology	3	BIO 102
BIL 204	Introduction to Microbiology Lab.	1	BIO 102
	Total	12	
Major Requirements (RC)			
ENF 101	Fundamentals of Nursing	3	P - QUI 118, BIO 102 C - ENF231
ENL 101	Fundamentals of Nursing Clinical	4	P - QUI 118, BIO 102, ENF 101, ENF 231, ENF 206 C - ENF 231T, ENF 101T, ENL 206

Codes	Course Titles	Credits	Prerequisites (P) Co-requisites (C)
ENF 206	Physical Estimation	2	P - QUI 118, BIO 102, ENF 101 o 102, ENF 231
ENL 206	Clinical Physical Estimation	1	P - BIO 102, ENF 101, ENF 231, ENF 206 C - ENF 231T, ENF 101T, ENL 101
ENF 230	Physiopathology	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 206, ENL 206, ENF 231, ENF 231T C - ENF341
ENF 231	Pharmacology	3	P - QUI 118, BIO 102 C - ENF 101 o 102
ENF 341	Medicine and Surgery I	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206 C - ENF 230
ENL 341	Medicine and Surgery I- Clinical	4	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341 C - ENF 341T, ENF 342T, ENL 342
ENF 342	Medicine and Surgery II	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341
ENL 342	Medicine and Surgery II - Clinical	4	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 342 C - ENF 341T, ENL 341, ENF 342T
ENF 301	Maternity	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342 C - ENF349
ENL 301	Maternity - Clinical	4	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 349, ENF 301 C - ENF 301T, ENL 349, ENF 402T, ENL 402
ENF 349	Mental Health	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, PSI 201 C - ENF 301
ENL 349	Mental Health - Clinical	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231,

Codes	Course Titles	Credits	Prerequisites (P) Co-requisites (C)
			ENF 231T, ENF 206, ENL 206, ENF 230, ENF 301, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 349, PSI 201 C - ENF 301T, ENL 301, ENF 402T, ENL 402
ENF 402	Pediatrics	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 349
ENL 402	Pediatrics - Clinical	4	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENF 349, ENF 402, ENF 402T C - ENF 301T, ENL 301, ENL 349, ENF 402T
ENF 440	Community Health	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENL 301, ENF 349, ENL 349, ENF 402, ENF 402T, ENL 402
ENL 440	Community Health - Clinical	2	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENL 301, ENF 349, ENL 349, ENF 402, ENF 402T, ENL 402, ENF 440, ENF 434 C - ENL 434, ENF 480
ENF 434	Theories and Administrative Practices of Nursing Services	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENL 301, ENF 349, ENL 349, ENF 402, ENF 402T, ENL 402, ENF 440, MCO 250
ENL 434	Theories and Administrative Practices of Nursing Services - Clinical	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENL 301, ENF 349,

Codes	Course Titles	Credits	Prerequisites (P) Co-requisites (C)
			ENL 349, ENF 402, ENF 402T, ENL 402, ENF 440, MCO 250, ENF 434 C - ENL 440, ENF 480
ENF 480	Integrative Seminar	3	P - QUI 118, BIO 102, ENF 101 o 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T, ENL 341, ENF 342, ENF 342T, ENL 342, ENF 301, ENF 301T, ENL 301, ENF 349, ENL 349, ENF 402, ENF 402T, ENL 402, MCO 250, ENF 440, ENF 434 C - ENL 440, ENL 434
*ENF 102	Students and Their Adaptation in Nursing.	(2)	* Required for those who substitute or validate ENF 101.
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101 o ENF 102: For students who will take board exam in states or countries that require it.
	Total	64	

Nursing (RN to BSN)

The RN-BSN prepares associate grade nurses who have permanent license and work experience. The program is aimed at developing knowledge, skills, and competencies in leadership and management, management theories, case management, principles of evidence-based practice and nursing research, interprofessional collaborative work, clinical judgment and decision making, communication, technology and informatics, community health concepts and principles, global policies, current therapeutic trends and interventions, and care centered in the client, families, and communities. These competencies will enable students to join the health workforce to improve patient, family, and community care outcomes as a generalist nurse. The program is offered in 6-week academic sub terms. Students can take a maximum of 21 credits per academic semester and up to 9 credits in each summer session.

General Requirements (RG):	24
Institutional Requirements (RI):	3
Major Requirements (RC):	<u>22</u>
TOTAL CREDITS:	49

Code	Title	Credits	Prerequisites
General Requirements (21 Credits)			
CSO 104	Contemporary social analysis	3	
PSI 209	Human Development Psychology	3	
HUM 111	The Human Being and Their Circumstances	3	
MCO 250	Statistical Analysis	3	
FIL 106	Ethics	3	
EDU 220	Sign Language	3	
ART 210	History of the Arts	3	
TEO 236	Spirituality and Integral Human Development	3	

Code	Title	Credits	Prerequisites
Institutional Requirements (3 credits)			
LID 101	Self-Leadership I	3	
Major Courses (22 credits)			
ENF 102	Students and Their Adaptation in Nursing	2	
ENF 206	Physical Estimation	2	ENF 102
ENL 206	Physical Estimation Lab.	1	C-ENL 440, ENL 434
ENF 230	Physiopathology	3	ENF 102, ENF 206
ENF 434	Theories and Administrative Practices of Nursing Services	3	ENF 102, ENF 206, ENF 230, MCO 250, ENF 440
ENL 434	Theories and Administrative Practices of Nursing Services -Clinical	3	ENF 102, ENF 206, ENF 230, ENF 440, ENF 434
ENF 440	Community Health	3	ENF 102, ENF 206, ENF 230
ENL 440	Community Health - Clinical	2	ENF 102, ENF 206, ENF 230, ENF 440, ENF 434
ENF 480	Integrative Seminar	3	ENF 102, ENF 206, ENL 206, ENF 230, ENF 440, ENF 434, ENL 440, ENL 434
ENF 118*	Nutritional Implications in Nursing		
TOTAL		49	

* Recommended for students who will receive license by endorsement or those who will carry out new revalidation procedures in the states or countries that require it. (3 credits)

Creative Writing and Literature (BA)

The Creative Writing and Literature program prepares the student with the knowledge and skills necessary to critically understand the process of literary creation and initiate professional writing of fiction and non-fiction genres (short story, novel, poetry, dramaturgy, memoir, and script). The curriculum integrates the study of literature from different traditions written or translated into Spanish. In turn, through various workshops, the student explores the structure and technical elements of the different genres in order to develop their own original texts. The curriculum encourages the exploration of the relationship between creative writing and literature with related disciplines such as journalism and digital narratives.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	39
Exploration (EX):	<u>18</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
ECT 105	Introduction to Literature	3	
ECT 110	Literary Generations and Movements	3	ECT 105
ECT 115	Narrative Workshop: The Story	3	

Code	Course Title	Credits	Prerequisites
ECT 205	Panorama of Contemporary Literature	3	ECT 110
ECT 210	Narrative Workshop: The Novel	3	
ECT 215	Language: Philosophy, Norm, and Experimentation	3	
ECT 220	Narrative Workshop: Non-Fiction	3	
ECT 310	Music and Image: Poetry Workshop	3	
ECT 315	Journalism and Literature	3	
ECT 320	Digital Narratives Workshop	3	
ECT 405	Write to Act: Script and Dramaturgy	3	
ECT 410	Publishing Outlook: The Writer's Job	3	
CRE 490	Interdisciplinary Internship Creative Industries	3	ECT 320

International Studies and Global Communication (BA)

The globalized world we live in demands competent professionals in the development of public and environmental policies, diplomacy, conflict resolution, human rights, and international law. Universidad del Sagrado Corazón is a pioneer in Puerto Rico in developing a bachelor's degree aimed exclusively at International Studies and Global Communication. This program's curriculum emphasizes international relations, political economy, political science, geography, sociology, anthropology, and peace studies. In addition, students will do a practicum that will open doors to the working world. To this end, Sagrado has developed liaisons with public agencies such as the State Department, with other governmental, private, and non-governmental organizations (NGOs), such as Amnesty International and GREEN-PR. This bachelor's degree suggests many alternatives to continue graduate studies.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	27
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
EIN 110	Introduction and Theories: International Relations and Globalization	3	--
EIN 205	Introduction and Theory: Global Communication	3	EIN 110
EIN 210	Science, Technology, and International Relations	3	EIN 110
EIN 215	Global Political Economy	3	EIN 110 & EIN 205
DES 110	Sustainable development: 2030 agenda	2	--
EIN 300	Public Policies and Information Technologies	3	EIN 210
EIN 301	International Law	3	EIN 205
EIN 305	International Culture and Communication	3	EIN 205
EIN 409	Diplomacy in Science, Technology, and Communications	3	--
EIN 410	International Journalism	4	EIN 409

Multidisciplinary Studies (BA)

The Multidisciplinary Studies Program offers students the opportunity to combine thematic or disciplinary areas of interest, as a flexible way to respond to the challenges and possibilities of the local and global environment. It is aimed at students who identify with various disciplinary areas and who wish to develop their professional projects combining fields of knowledge that other bachelor's cannot offer them. Students combine disciplines through a co-creation exercise.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	36
Exploration (EX):	<u>21</u>
TOTAL CREDITS:	120

Note: Major courses are selected following the [Guía General para el BA en Estudios Multidisciplinarios](#).

Photography (BAC)

The Photography Program focuses on developing imaging professionals to be creative, innovative, and engaged through a curriculum that broadens the conceptualization of a visual narrative. The purpose is for students to integrate in their products an aesthetic design and communicative expression that culminates in the development of their own style that meets the demands and needs of the contemporary world.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	33
Exploration (EX):	<u>24</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
FOT 110	Past and Present of the Image	3	--
FOT 115	Negative, Impression, and its Digital Application	3	--
FOT 210	Digital Language	3	FOT 115
FOT 215	Lighting for the Still Image	3	FOT 210
FOT 310	Digital Imagery	3	FOT 210
FOT 315	Contemporary Documentary	3	FOT 215
FOT 320	Creative Imagery	3	--
FOT 410	Documentary with Moving Images	3	FOT 315
FOT 420	Commercial Image Creation	3	FOT 320
FOT 480	Integrated Seminar in Photography	3	FOT 420 o FOT 416C
CRE 490	Interdisciplinary Internship Creative Industries	3	Completar el 3er año de requisitos del plan de estudio de la disciplina

Marketing (BBA)

The Marketing Program is aimed at developing in students the ability to analyze and interpret behaviors, trends, and changes in markets in order to detect opportunities and promote goods and services from an ethical and sustainable perspective. The Program provides a comprehensive vision of Marketing and seeks to strengthen areas such as research, consumer behavior, Digital Marketing, innovation, and creativity.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	42
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	--
INF 110	Computing	2	--
CON 120	Accounting for Managers	4	--
ADM 102	Organization Dynamic	3	--
ADM 201	Business Law	3	--
ECO 310	Contemporary Economic Issues	3	ADM 102, CON 120
MCO 251	Managerial Statistics	3	--
FIN 305	Managerial Finance	3	CON 120
GME 202	Consumer Behavior	3	GME 101
GME 312	Marketing Research	3	MCO 251
GME 400	Strategic Marketing	3	GME 202
GME 410	Marketing and Exportation of Services	3	GME 202
GME 411	Marketing Analytics	3	GME 400
GME 420	Marketing Management	3	GME 400

Music (BA)

The Music Program promotes the development of the creative role of musical arts and the necessary skills for insertion in creative industries and related fields. The student is prepared with high levels of knowledge according to the development of their musical skills and abilities. In addition, it develops critical and analytical skills in students so that they can reflect on their artistic offer and acquire the ability to contextualize their practice within a historical sociocultural framework and entrepreneurship, among other aspects.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	42
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
MUS 103	Musical Ensemble I	1	
MUS 105	Forum Performance I	1	MUS 105
MUS 110	Forum Performance II	1	MUS 105
MUS 131	Music Rudiments	3	MUS 105
MUS 104	Musical Ensemble II	1	MUS 103
MUS 210	Forum Performance III	2	MUS 110
MUS 231	Foundations of Musicianship I	3	MUS 131
MUS 241	Theory and Analysis of Music I	3	MUS 131
MUS 243	Forum Performance IV	2	MUS 210
MUS 232	Foundations of Musicianship II	3	MUS 231
MUS 242	Theory and Analysis of Music II	3	MUS 241 MUS 231
MUS 310	Forum Performance V	2	MUS 243
MUS 341	Theory and Analysis of Music III	3	MUS 242 MUS 232
MUS 251	History of Music: From Ancient to Baroque	3	--
MUS 322	Performance Class and Forum VI	2	MUS 310
MUS 405	Music History: From Classical to Modernity	3	MUS 251
MUS 492	Recital	3	
CRE 490	Interdisciplinary Internship Creative Industries	3	MUS 322

Arts and Entertainment Business (BA)

The BA in Arts and Entertainment Business prepares professional leaders with the necessary skills to create and support companies and projects in the creative industries sector. Students will integrate management strategies based on knowledge of the industry, its context, and the latest trends. They will develop decision-making skills, teamwork, and creative thinking for the creation of managerial strategies. These skills are developed through industry-relevant topics, including legal, business models, marketing, finance, and management. As part of the program, students will apply knowledge in areas such as sports management, the music industry, and the art business, among others. Graduates will have the opportunity to work in multiple roles in companies and organizations in the arts, entertainment, and creative industries, as well as create their projects in these areas.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements ((RC):	42
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	ENT 202
ENT 105	The Business of Arts and Entertainment	3	
CON 120	Accounting for Managers	4	
ENT 205	Management of Arts and Entertainment Companies	3	ENT 105
ENT 210	Public, Legal, and Ethical Aspects in Arts and Entertainment	3	
ENT 215	The Music Business	3	
ENT 220	Sports Management	3	ENT 105
ENT 305	Talent Representation	3	GME 101
EXP 315	Production of Events	4	
ART 415	The Circuit of Art	3	
ENT 405	Business Models and Digital Marketing in Arts and Entertainment	4	
ENT 390	Special Topics in Arts and Entertainment	3	
CRE 490	Interdisciplinary Internship Creative Industries	3	EXP 315

Journalism (BAC)

The Journalism Program is aimed at developing the skills to recognize a newsworthy fact, investigate, contextualize, question, understand, and manage journalistic genres. The program explores the legal and ethical aspects of journalistic activity and investigative techniques to carry out various modalities of reporting work, as well as the design, visualization, and programming of informative content. The student is trained in skills to analyze, understand, and evaluate cultural and technological trends and take actions to change narrative models, formats, and coverage of topics on various journalistic content platforms.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
PER 110	Reporting from Puerto Rico	3	--
PER 111	Reporting in Words	3	PER 110
PER 113	Press: Law and Ethics	3	PER 111
PER 210	Multimedia	3	PER 113
PER 220	Data Journalism	3	PER 210
PER 223	Narrative Journalism	3	PER 220
PER 310	Mobile Journalism and Social Media	3	PER 210
PER 410	Research Journalism	4	PER 315
PER 415	Genres of Opinion	2	PER 410

Code	Course Title	Credits	Prerequisites
PER 480	Integrating Seminar	3	PER 410

Audiovisual Production and Film (BAC)

This program prepares students so that they can join the workforce or develop an autonomous project that contributes to the development of the digital production industry from a global perspective. It offers courses for theoretical and practical training that provide a broad configuration of the knowledge and skills necessary for the various media, platforms, and digital screens (long, short, or audiovisual microcontent, documentary, fiction, advertising or corporate, and unitary or serial). It covers the study of the evolution of audiovisual language from the still image and analog sound that give rise to the development of the moving image and its synchronization with computer-generated sound. Students acquire the knowledge for script writing, a necessary tool to tell stories and design and undertake their own project.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
PAV 110	Narrative Influences	3	--
PAV 112	The Art of Storytelling	3	PAV 110
PAV 220	Composition and Visual Narrative	4	PAV 112
PAV 221	Sound for Audiovisual Production	4	PAV 220
PAV 320	The Art and Technique of Editing	3	PAV 220
PAV 321	Creative Approach of Reality	4	PAV 320
PAV 420	Script Development	3	PAV 321
PAV 421	Contemporary Visual Culture	3	--
CNE 480	Integrative Seminar	3	PAV 420

Psychology (BA)

The Psychology Program provides students with the skills and attitudes that enable them to analyze human behavior, subjectivity, and relational dynamics in different contexts from an interdisciplinary approach. The curriculum of the Program offers experiences that stimulate the integration of knowledge in order to promote and maintain subjective well-being in the individual, group, community, or collective sphere.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
MAT 210	Applied Statistics	3	
PSI 201	General Psychology I	3	--
PSI 209	Human Development Psychology	3	--
PSI 205	Social Psychology	3	PSI 201
PSI 303	Personality Theories	3	PSI 209
PSI 321	Physiological Psychology	3	PSI 209, BIO 101
PSI 306	Psychopathology	3	PSI 303
PSI 413	Measurement	3	PSI 303
PSI 425	Correlational and Experimental Research Methods	3	
PSI 455	Practicum in Psychology	3	PSI 205, PSI 303, PSI 425

Chemistry (BS)

The Chemistry Program prepares the student in the study of the composition, properties, and transformations of matter with emphasis on solving problems in different areas of the discipline, such as the environmental area, biochemistry, or water sustainability. It seeks to develop in students the skills and competencies ranging from the highly analytical to the most visionary and creative through laboratory experiences and in the field. In addition, the program provides students with the requirements to apply for the license required to practice in the field of Chemistry in Puerto Rico.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	47
Exploration (EX):	15
TOTAL CREDITS:	125

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
MAT 133	Pre-calculus I	3	For students with 500 or less in the PAA: MAT 101
MAT 134	Pre-calculus II	3	MAT 133
MAT 201	Calculus I	5	MAT 134
QUI 101	General Chemistry I (with lab)	4	--
QUI 102	General Chemistry II (with lab)	4	QUI 101
QUI 205	Analytical Chemistry: Quantitative Analysis (with lab)	4	QUI 102
QUI 301	Organic Chemistry I (with lab)	4	QUI 102
QUI 302	Organic Chemistry II (with lab)	4	QUI 301
QUI 401	Physical Chemistry I (with lab)	4	QUI 202, FIS 203
QUI 402	Physical Chemistry II (with lab)	4	QUI 401
QUI 455	Chemistry Instrumental Analysis	4	QUI 205

Code	Course Title	Credits	Prerequisites
FIS 203	General Physics I (with lab)	4	MAT 201

Theater (BA)

The Theater Program promotes the training of the student through a comprehensive vision of the scenic environment, acting training, and critical reflection on their creative processes. The role of creative agent within the local and global cultural environment is encouraged. The Program develops the skills that allow students to collaborate in aesthetic proposals (traditional or novel), advised by theater professionals. In this way, the Theater Program serves as a conceptual, organizational, and artistic vehicle that allows students to enjoy aesthetic emotions, in addition to promoting the development of their creative capacity and social commitment.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	42
Exploration (EX):	15
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Créditos	Prerequisites
TEA 111	Acting I	3	
TEA 131	Theater History I	3	
TEA 112	Acting II	3	TEA 111
TEA 225	Diction I	3	
TEA 250	Physical Expression	3	TEA 111
TEA 290	Production Workshop I	3	TEA 112
TEA 391	Production Workshop II	3	TEA 290
TEA 325	Theatrical Theory and Criticism	3	
TEA 330	Improvisation and Theatrical Games	2	
TEA 362	Acting for Film and Television	3	--
TEA 410	Dramaturgy Workshop	2	
TEA 420	Puerto Rican Theater	2	
TEA 435	Directing I	3	TEA 112 TEA 225 TEA 250
PME 210	Techniques, Stages and Lights	3	--
CRE 490	Interdisciplinary Internship Creative Industries	3	TEA 362

Theology and Leadership for Social Action (BA)

The program is aimed at educating solidarity leaders who, with a solid formation in liberating theology and an integral spirituality, can contribute creatively to the promotion of values, human promotion, and social transformation in public or private institutions of service, as well as in social groups, community initiatives, and the ecclesial sphere. To achieve its goal, the program offers theoretical and practical training in both the theological-spiritual and pastoral areas that includes experiences of voluntary social leadership and training in community management.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	39
Exploration (EX):	<u>18</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
TEO 110	Exploration of the Bible, Jesus, and His Life Proposal	3	
TEO 115	Exploration of Christianity's Vision of the Human Being	3	
TEO 120	Introduction to Latin American Theological Thought	3	
TEO 125	Analysis of Reality for Socio-Theological Projects	3	
TEO 236	Spirituality and Integral Human Development	3	
TEO 210	Pastoral Theology and Social Management	3	
TEO 215	Reconciliation of the Social Fabric and Studies for Peace	3	
TEO 225	Christian Social Thought and Entrepreneurship	3	
TEO 315	Solidarity Leadership and Participation Models	3	
TEO 318	Spiritual Traditions	3	TEO 236
TEO 415	Seminar in Current Theological Trends	3	TEO 120, TEO 225
TEO 425	Seminar in Psycho-Spiritual Management	3	TEO 120, TEO 318
TEO 430	Theology of Care and Ethic of Love	3	

Social Work (BA)

The Social Work Program encourages the preparation of Social Work professionals who conduct themselves as informed and inquisitive citizens. It is sought that students develop skills that allow them to innovate for the development of social policies, be defenders of human rights, and show commitment to the values of Social Work, by undertaking together with the populations and communities in social and economic disadvantage, to contribute to the transformation of the Puerto Rican social reality, within a global context.

General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	30
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

MAJOR COURSES

Code	Course Title	Credits	Prerequisites
TSO 209	Social Problems	3	
TSO 210	The Social Work Profession: Debates and Dilemmas	3	
TSO 317	Social Welfare Systems	3	
TSO 305	Human Behavior and Social Environment I	3	

Code	Course Title	Credits	Prerequisites
TSO 306	Human Behavior and Social Environment II	3	TSO 305
TSO 312	Social Work with Groups, Communities, and Organizations	3	TSO 306
TSO 315	Social Work Method I	3	TSO 306
TSO 320	Social Work Method II	3	TSO 315
TSO 400	Social Work Practicum I	3	TSO 320
TSO 403	Social Work Practicum II	3	TSO 400

POST-BACHELOR CERTIFICATES

Event Production and Marketing

The Post-Bachelor Certificate is a pioneering program in Puerto Rico, through which the student develops the skills and competencies necessary to organize, manage and produce all types of activity. Students will develop skills for idea creation, budgeting, financing, and promotional strategies, as well as technical and legal aspects, among other components that promote new trends and the effective use of industry resources.

Code	Course Title	Credits	Prerequisites
PME 600	The Business of Special Events	3	
GME 611	Marketing Management	3	
PME 601	Legal and Ethical Aspects of the Special Events Industry	3	
GME 614 or GME 620	Global Marketing or Internet Marketing	3	
PME 618	Special Events Management	3	
PME 610 or RPU 603	Public Relations in the Events and Entertainment Industry or Current Trends in Public Relations	3	
	TOTAL	18	

MASTER'S DEGREES

Master's programs are offered remotely under a hybrid instructional model. All courses will be offered in a synchronous combination via videoconferencing and asynchronous using a Learning Management System (LMS) platform.

Learning, Media, and Technology (MEd)

The program seeks to contribute to the formation of educational leaders at the forefront in the critical use, design, and implementation of digital media and technology for the learning process of today. Thus, the program offers a theoretical and practical basis through courses that integrate research, project-based learning, and various models of instructional design, using digital tools such as websites, digital audiovisual production, podcasts, applications, virtual reality, and digital pedagogical objects based on play, among others. This Master of

Education is designed to be completed in four trimesters through a distance modality (virtual hybrid) with a face-to-face term of technological immersion on the University campus.

Code	Course Title	Credits	Prerequisites
EDU 660	Fundamentals and Theories of Learning Applied to ICTs	3	
EDU 665	Instructional Design and Digital Media for Teaching and Learning	3	
EDU 675	Digital Tools and Applications in XXI Century Education	3	EDU 660, EDU 665
EDU 680	Digital Audiovisual Design and Production for Educational Purposes	3	EDU 660, EDU 665
EDU 685	Web Design for Education	3	EDU 675
EDU 690	Virtual Reality and Other Immersive Media as Educational Strategies	3	EDU 675
EDU 710	Learning Through Digital Media I	4	EDU 680
EDU715	Learning Through Digital Media II	2	EDU 710
	TOTAL	24	

Business Development and Management (MBA)

The goal of this MBA is to be the preferred option for the formation and creation of a solid network of community members of the new generation of leadership successors of the most prestigious family businesses in Puerto Rico and the region. The program is aimed at professionals who work in family businesses, who are interested in developing in this area or those who seek to create new family businesses.

Code	Course Title	Credits	Prerequisites
MBA 601	Leadership and Organizational Development	4	
MBA 602	Legal Aspects, Ethics, and Social Responsibility	2	
MBA 619	Business Finance	4	
MBA 618	Industry Analysis, Forecasts, and Trends	2	
MBA 706	Entrepreneurship and Innovation	4	
MBA 707	Supply Chain Management and Logistics	2	
MBA 713	Marketing Management	3	
MBA 715	Solution Formulation Project	3	MBA 706
	TOTAL	24	

Design & Creative Production (MA)

The objective is to train professionals from the creative industries in the methodologies of design, conceptualization and development of projects. It is based on the recognition of the professional who combines technical development in some of the creative disciplines and aspires to lead initiatives through a broad knowledge of trans/interdisciplinary practices and the managerial skills necessary to implement them. Graduates develop the profile of professionals who manage artistic/creative projects with economic, social and cultural impact.

Curriculum design makes it easier for the student to formalize a creative project from conceptualization to implementation, with mentorship from a teacher through a sequence of courses. Finally, the student completes a seminar for the implementation of the projects. The program is aimed at professionals with experience in scenic, visual, audiovisual, design, heritage, or creative services disciplines.

Code	Course Title	Credits	Prerequisites
CRE 600	Conceptualization and Research for Creative Projects	3	
CRE 620	Intellectual Property and Value Creation	3	
CRE 625	Mentoring for Creative Project I	1	
CRE 630	Design for the Creative Industries	3	
CRE 640	Entrepreneurship and creative management	3	
CRE 650	Mentoring for Creative Project II	1	CRE 625
CRE 710	Leadership and management of creative entities	3	CRE 640
CRE 725	Creative development and production	3	CRE 630
CRE 750	Mentoring for Creative Project III	1	CRE 650
CRE 775	Creative Project	3	CRE 710, CRE, 725, CRE 750
	TOTAL	24	

Creative Writing (MA)

The MA in Creative Writing aims to prepare writers with mastery of the technical structure of narrative or poetic genres, with a critical-creative perspective and an entrepreneurial attitude. The courses are web-supported and can be taken synchronously at a distance.

Core requirements	18
Electives	<u>6</u>
TOTAL	24

Code	Course Title	Credits	Prerequisites
Core Requirements			
ECT 605	What is Literature? and Other Questions	3	
ECT 610	Writing and Grammar	1	
ECT 630	Editorial Entrepreneurship and Management	3	
ECT 700	Degree Project: Ideation and Validation	1	
ECT 705	Degree Project: Development	1	
ECT 710	Tradition and Innovation: Great Literary Works	3	
ECT 715	Integrative Workshop: Creative Explorations	3	
ECT 720	Degree Project: Execution	1	ECT 700
Electives*			

Code	Course Title	Credits	Prerequisites
ECT 611 or ECT 612	Narrative Workshop or Poetry Workshop	3	
ECT 620 or ECT 621	Advanced Narrative Workshop or Advanced Poetry Workshop	3	ECT 611 or ECT 612
	TOTAL	24	

* For elective credits students will choose between Narrative (EC 611 and EC 620) or Poetry (EC 612 and EC 621).

Digital Marketing (MS)

The MS program in Digital Marketing is aimed at professionals who wish to develop their expertise in the areas of marketing and advertising campaigns in social networks and other digital promotion mechanisms. The program prepares students to develop skills to devise, create, and manage marketing strategies and campaigns using digital tools such as social networks, content marketing, storytelling, emails, and SEO, among others. It is also aimed at those interested in the creation, development, and growth of digital marketing strategies. The program seeks to train these leaders to contribute to the sustainability and growth of the business ecosystem.

Code	Title	Credits	Prerequisites
MMD 610	Digital Marketing and New Technologies	3	
MMD 620	Digital Marketing Strategies	3	MMD 610
MMD 630	Social Media Management	3	Corequisite MMD 610
MMD 640	Branding and Public Relations in Digital Media	3	MMD 610
MMD 650	Online Research: Techniques and Tools	3	MMD 610
MMD 660	Effective Communication in Digital Media	3	MMD 610
MMD 710	Evaluation of Digital Media Campaigns	3	MMD 610
MMD 720	Ethics and Law in Digital Media	3	MMD 610
MMD 730	Digital Marketing Campaign: Execution (Capstone)	3	MMD 610
	TOTAL	27	

Physical Performance and Health Promotion (MS)

This is a research training program designed for different professionals in health, sports, physical activity, education and behavior, to acquire and develop research skills that allow them to design protocols around effective interventions that counteract sedentary life as one of the main factors of morbidity and mortality in the world. The program will provide the graduate of this master's degree with the knowledge and skills to promote the prescription of exercise, both as a preventive measure and as a complement to treatment or therapy, as supervised by a health provider. As the crucial role of exercise and physical activity in the treatment of diseases and medical conditions is increasingly understood, healthcare

professionals are encouraged to consider exercise prescriptions when designing treatment plans and health interventions.

Code	Course Title	Credits	Prerequisites
CFI 605	Statistics	3	
CFI 610	Exercise Physiology	4	
CFI 615	Research Methods in Exercise Science	3	CFI 605
CFI 620	Medical Biochemistry and Nutrition	3	
CFI 625	Measurement and Evaluation of Physical Activity and Sedentary Behavior	4	CFI 610
CFI 630	Interventions for Physical Activity and Health	3	
CFI 705	Physical Activity in the Prevention and Treatment of Chronic Illness	3	CFI 325
CFI 710	Exercise & Health Prescription	4	
CFI 715	Research Thesis	3	
	TOTAL	30	

* These courses require 45 contact hours for the theoretical portion and 45 contact hours for the laboratory portion. The laboratory component is fulfilled in hybrid mode: 19 hours of preparation in virtual mode and 26 hours in person in the Physical Activity Laboratory in the Student Center building of the University. All labs will be scheduled to take place on weekends (Thursday through Sunday).

Storytelling (MAC)

This program is for people interested in the fields of Communication and Marketing. It prepares students in the undertaking of digital narrative projects in a hyperconnected environment and interactivity of users in various media and multiple platforms. The curriculum develops skills to devise, create, and manage digital content projects from writing for digital media and research to disseminate and promote interactivity. In addition, it prepares communicators with knowledge of communication paradigms in a convergent digital environment.

Code	Course Title	Credits	Prerequisites
STT 606	Narrative structures	3	
STT 610	Impactful Stories	3	
STT 616	Writing for the Internet	3	
STT 710	Storytelling visual	4	STT 606, STT 610
STT 715	Storytelling Sonoro	3	STT 606, STT 610, STT 710
STT 727	Audiovisual Narratives	3	STT 606, STT 610, STT 710
STT 731	Entrepreneurship	3	STT 715, STT 727
STT 741	Project	3	STT 715, STT 727
	TOTAL	24	

Journalism and Innovation (MAC)

The Master of Arts in Communication with specialty in Journalism and Innovation is designed to be completed in four trimesters in a fully online modality. This program is aimed at people interested in Journalism and technological, media, and cultural innovation. Students are prepared in journalistic research methods and new storytelling formats to offer users of digital platforms, and audiences of traditional media, transcendent content with transparency and reliability. This master's degree is distinguished by the cooperative collaboration between academia and media companies by offering students the option of completing the final requirement of the degree with a cooperative internship in an informative medium (in person) or participating in a collaborative innovation project with an information medium developed from Sagrado. The industry-academia cooperation also includes the participation of media speakers as guests of the classes, mentoring, and accompaniment through their journalistic projects.

Code	Course Title	Credits	Prerequisites
PER 601	Emerging and Traditional Media: Convergence and Contrasts	3	
PER 603	Transcendence and Impact: Writing and Generating Informative Content for Multiplatforms	3	
PER 605	Visualizing Information with Creativity, Ethics, and Compliance	3	PER 603
PER 607	Aesthetics and Design for Journalism in Digital Environments	3	PER 603
PER 609	Investigative Journalism: Data Management and Finding Solutions	3	PER 607
PER 612	Innovation, Leadership, and Change Management in the Media	3	PER 607
PER 788 or PER 789	Cooperative Media Experience or Collaborative Innovation Project	6	PER 612
TOTAL		24	

Public Relations and Integrated Communication (MA)

This program is aimed at students of Communication, Marketing, Advertising, or Journalism as well as for anyone who seeks to reinvent themselves in an essential profession in the business world. It prepares students with an entrepreneurial mentality for the solution of communication problems in the global, interconnected, diverse, and changing environment of organizations. The curriculum develops skills to assume leadership in holistic communication, content production for multiple platforms, research, legal aspects and ethical dilemmas, management of issues, crisis, and reputation, as well as the interdisciplinary strategic approach in the planning, implementation, and evaluation of integrated public relations and communication plans aligned with organizational goals in projects close to work experience.

Specialty Requirements (RE)	21
Electives (EL)	3
TOTAL	24

Code	Course Title	Credits	Prerequisites
RPI 610	Writing for Public Relations	3	
RPI 615	Integrated Strategic Communication	3	
RPI 710	Content and Branding Strategies	3	
RPI 715	Research, Measurement, and Evaluation	3	
RPI 720	Legal and Ethical Dilemmas in Integrated Communication	3	
RPI 725	Integrated Communication in the Management of Issues, Crises, and Reputation	3	
RPI 740	Public Relations and Integrated Communication Plan	3	

COMBINED PROGRAMS

BA in Creative Writing and Literature and MA in Creative Writing

The dual degree in Creative Writing and Literature prepares students with the knowledge and skills necessary to critically understand the process of literary creation and begin professional writing of fiction and non-fiction genres (short stories, novels, poetry, memoirs, and screenplays). Creative writing workshops and literary studies courses, involving the disciplines of Hispanic studies, comparative literature, and cultural studies, are integrated into the curriculum. The student will be able to select one of two areas of interest: narrative writing and poetry writing. The publishing industry and the different alternatives for literary management and publication are also studied. In their final year, the student will work on their literary project with the mentorship of a published writer. The degree is concluded with the delivery of this project: an original manuscript.

	credits
General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC): (BA)	45
Exploration (EX):	12
Specialty Requirements(MA)	14
TOTAL	134

BA Major Courses in Creative Writing and Literature (45 cdt)			
Code	Course Title	Créditos	Prerequisites
ECT 105	Introduction to Literature	3	
ECT 110	Literary Generations and Movements	3	
ECT 115	Narrative Workshop: The Story	3	
ECT 205	Panorama of Contemporary Literature	3	
ECT 210	Narrative Workshop: The Novel	3	

BA Major Courses in Creative Writing and Literature (45 cdt)			
Code	Course Title	Créditos	Prerequisites
ECT 215	Language: Philosophy, Norm, and Experimentation	3	
ECT 220	Narrative Workshop: Non-Fiction	3	
ECT 310	Music and Image: Poetry Workshop	3	
ECT 315	P Journalism and Literature	3	
ECT 320	Digital Narratives Workshop	3	
ECT 405	Write to Act: Script and Dramaturgy	3	
ECT 410	Publishing Outlook: The Writer's Job	3	
ECT 505	Literature and History: From Creativity to Research	3	
ECT 510	Writing and grammar for text editing	3	
CRE 490	Interdisciplinary Internship Creative Industries	3	
Specialty Requirements- MA Escritura Creativa (14 cdt)			
ECT 630	Editorial Entrepreneurship and Management	3	
ECT 700	Degree Project: Ideation and Validation	1	
ECT 705	Degree Project: Development	1	
ECT 710	Tradition and Innovation: Great Literary Works		
ECT 715	Integrative Workshop: Creative Explorations	3	
ECT 720	Degree Project: Execution	3	

BBA in Marketing and MS in Digital Marketing

The combined program in Digital Marketing is aimed at educating students in the fundamentals of marketing in order to develop the capacity for critical analysis, interpretation of behaviors, trends and changes in markets through research, with the aim of detecting opportunities to promote goods and services from an ethical and sustainable perspective as well as seeking familiarity and mastery of computerized systems. In its last year, through the application of concepts, it seeks to develop its expertise in areas of the management of marketing and advertising campaigns on social networks and other digital promotion mechanisms such as applications, content marketing, storytelling, emails and SEO, among others.

	#de créditos
General Requirements	39
Institutional Requirements	24
Concentración	45
Exploración	12
Requisitos de especialidad	<u>18</u>
TOTAL	138

BBA Major Courses in Marketing (45 credits)			
Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	
INF 120	Algorithms and Creative Programming	4	
ADM 102	Organization Dynamic	3	
GME 202	Consumer Behavior	3	
INF 125	Creative Programming and Problem Solution	4	
CON 120	Accounting for Managers	4	
ADM 201	Business Law	3	
MCO 251	Managerial Statistics	3	
GME 312	Marketing Research	3	
CCO 225	User Experience Development in Web Applications	3	
GME 310	Internet Marketing	3	
GME 318	Community Management y Social Media	3	
ECO 310	Contemporary Economic Issues	3	
GME 411	Marketing Analytics	3	
MS Specialty Courses in Digital Marketing (18 credits)			
MMD 620	Digital Marketing Strategies	3	
MMD 640	Branding and Public Relations in Digital Media	3	
MMD 650	Online Research: Techniques and Tools	3	
MMD 660	Effective Communication in Digital Media	3	
MMD 710	Evaluation of Digital Media Campaigns	3	
MMD 720	Ethics and Law in Digital Media	3	
MMD 730	Digital Marketing Campaign: Execution	3	

BAC in Strategic Communication and MA in Public Relations and Integrated Communication

This combined program prepares students with the knowledge and skills necessary for the application of communication initiatives that allow them to analyze, connect and build relationships with audiences, as well as branding, corporate communication, social responsibility, digital and social media processes to achieve organizational goals. In addition, through strategic and active learning, students have the opportunity to prepare themselves with an entrepreneurial mindset for the resolution of communication problems in the global, interconnected, diverse and changing environment of organizations. The program allows the student to align their professional interests in areas such as advertising, public relations, and integrated and strategic communication. This combination offers a range of job opportunities in companies of all sizes, public and private institutions, civil society, consulting firms and self-management, among others.

	# of credits
General Requirements (RG):	39
Institutional Requirements (RI):	24
Major Requirements (RC):	33
Exploration (EX):	24
Specialty Requirements (MA)	<u>15</u>
TOTAL:	135

BAC Concentration Courses in Strategic Communication (33 cdt)			
Code	Course Title	Credits	Prerequisites
CES 110	Strategic Communication	3	
CES 111	Strategic Writing	3	
CES 220	The Creative Process	3	
CES 221	Strategic Branding	3	
CES 310	Digital Media Strategies	3	
CES 311	Creation, Healing, and Dissemination of Digital Content	3	
CES 410	Regulatory Standards for Strategic Communication	3	
CES 411	Strategic Communication Management	3	
CES 412	Audience and Media Analytics	3	
RPI 510	Advanced Strategic Writing for Public Relations	3	
RPI 515	New Trends in Integrated Strategic Communication	3	
MA Specialty Courses in Public Relations and Integrated Communication (15 cdt)			
RPI 710	Content and Branding Strategies	3	
RPI 703	Relaciones Públicas CorporativasCorporate Public Relations	3	
RPI 704	Public Relations in Government	3	
RPI 725	Integrated Communication in the Management of Issues, Crises, and Reputation	3	
RPI 740	Public Relations and Integrated Communication Plan	3	
XXX-XXX	Any graduate-level courses that you don't have Prerequisites, o*	3	

* Provides the opportunity for master's students to take graduate courses in other programs or disciplines.

COURSES DESCRIPTION

Description of the courses listed in the programs included in this catalog. You can also access these descriptions and all other courses offered by the Institution at the following link: <http://www.sagrado.edu/descripcionescursos>.

General Education Courses

EMP 113 - Entrepreneurship Project: Ideation Phase

Through this course, students are encouraged to obtain and apply the fundamentals of imagination, creativity, and sustainable ideation for the development of an entrepreneurial mentality and its importance across all disciplines and professions. Emphasis is placed on entrepreneurship as a process, and on the methodologies and tools of design thinking, generation of ideas, and solution of surrounding problems. Students will completely immerse themselves in an area of interest, from which they will elaborate an idea and conceptualize an entrepreneurship project. This course is linked to the Center for Collaborative Innovation - Neeuko. 3 credits.

EMP 213 - Entrepreneurship Project: Validation Phase (Prerequisite: EMP 113)

The purpose of this course is that students know the necessary tools to investigate, prototype, and validate their entrepreneurship idea, either a self-validation or a validation from the audience. At this stage, the student establishes their hypotheses and objectives around entrepreneurship and identifies the most effective methodologies for validation. Students perform a context analysis to understand previous work and trends that includes qualitative and quantitative approaches that lead them to confirm the viability of the project. As part of the experience, students design a prototype of their venture and perform a practicum through a related project within the University or through external collaborations. This course is supported and coordinated by the Center for Collaborative Innovation - Neeuko. 3 credits.

EMP 311 - Entrepreneurship Project: Development Phase I (Prerequisite: EMP 213)

This course encourages students to know the necessary tools to create a development plan for their entrepreneurship project. During this stage, students will reflect on aspects of public policy to improve the conditions of their sector (ecosystem), based on the challenges it has faced in the process. Likewise, students will design the logical model of their proposal, develop the planning skills, and identify the necessary resources for its execution, including management aspects such as finances, communication, and legal operations. They will also determine the best strategies to communicate their enterprise to potential collaborators. This course offers a practice internship through a related project within the University or through external collaborations. This course is linked to the Center for Collaborative Innovation - Neeuko. 3 credits.

EMP 312 - Entrepreneurship Project: Development Phase II (Prerequisite: EMP 311)

In this course students develop the knowledge and skills related to the development of the project from their discipline of study. The entrepreneurship project is adapted to the requirements of proposals for their area of study. Students plan aspects related to the work schedule, budget, human resources, and other resources necessary for its effective implementation. In the end, students must present a development plan for their entrepreneurship project. 3 credits.

EMP 411 - Entrepreneurship Project: Execution Phase I (Prerequisite: EMP 312)

This is the first part of a two-course sequence. The fourth and final phase of the entrepreneurship project consists of the execution of the plan for the idea. At this stage, the student has identified the resources, anticipated challenges, and planned the sequence of activities to lead to the final result. This component includes the development of impact indicators. The project in progress of implementation must be presented before the end of the academic year to the type of audience identified as an interest group. Finally, the course includes a component of reflection and professional planning from the entrepreneurship project in order to expand their opportunities after completing their academic program. The course includes a mentoring experience with a first-year student. This course is supported and coordinated by the Center for Collaborative Innovation - Neeuko. 3 credits.

EMP 413C Principles of Entrepreneurship: Execution Phase II (Prerequisite EMP 411)

This is the second part of a sequence of two courses. The fourth and final phase of the entrepreneurship project consists of the execution of the idea. At this stage, the student identifies resources, anticipates challenges, and plans the sequence of activities to lead to the final outcome. This component, in addition to the execution of the project, includes the development of a proposal aimed at obtaining financial resources to implement your entrepreneurship project. The student must present the materialized project before the end of the academic year to the type of audience identified as an interest group. This course has the support and coordination of the Center for Collaborative Innovation - Neeuko. 3 credits.

FEP 100 - University Experience Seminar

Interdisciplinary course designed to support and facilitate the student who starts in university life to take advantage, enjoy, and properly manage the different experiences, tasks and challenges presented by the academic world. Diverse educational experiences are provided that promote the student's exploration and reinforcement of self-knowledge, deepen the proper management of emotions and healthy interpersonal relationships, develop empathic and non-violent communication, as well as promote the care of their health and well-being. Similarly, the course emphasizes the development of 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 their professional development. The experience includes specific workshops on various topics. 3 credits.

GCC 101 - Humanity's origins: Development and Echoes

In this course, students will stimulate their critical thinking skills through the study of the origin and development of the human being until the sixteenth century, with emphasis on the bioanthropological perspective. It will also study the economic, social, and cultural implications of this period. The course also integrates a reflection on the representative literary, plastic, and musical works of the time into the historical and political discussion. 3 credits.

GCC 201 - Construction of an Ideal Society (Prerequisite: GCC 101)

This course will study how the different models of societies in the world have emerged and developed: imaginaries of the ideal society, religious crises, the Reformation and Counter-Reformation, the revolutions of the eighteenth century, the concept of political independence and its effect on Puerto Rico, and the revolutions, dictatorships, and the search for peace in Latin America in the twentieth century. It will examine the historical context and the various social effects of these models today and their literary, plastic, or musical references and representations. 3 credits.

GCC 202 - Challenges of Contemporary Society (Prerequisite: GCC 201)

This course studies the origin and consequences of humanity's main social, economic, political, and environmental challenges in the twentieth and twenty-first centuries. It also emphasizes the search for solutions from a humanistic perspective, anchored in achieving a society of justice and peace. 3 credits.

GCM 101 - The Text in Contemporary Culture

In this course, students will explore the communicative functions of texts as an intellectual, social, artistic, and political manifestation. Through the critical analysis of essays, stories, poems, and audiovisual products which present contemporary themes from diverse styles, students will explore the effectiveness of their own oral and written communication in both formal and informal registers. This course is linked to the Language Lab. 3 credits.

GCM 102 - Perceptions and Notions of Reality

This course aims to cultivate in students a better understanding of how perceptions help to construct new particular and collective realities through different forms of representations. This course promotes the interaction with scientific, philosophical, and creative texts, as well as active interpretation exercises through oral and written communication. This course will be supported by the Language Laboratory. 3 credits.

GCM 201 - The Power of Arguments (Prerequisite: GCM 102)

This course focuses on the formal study of argumentation. It aims to help students develop their ability to critically understand and elaborate effective arguments in written and oral communication. The students will also practice their critical and creative thinking skills in order to put forward their own views about different social and political contemporary discussions. This course will be supported by the Language Laboratory. 3 credits.

GIE 101 - Organizations, Work, and Post-work

In this course, students –by understanding the importance of the economic and social context– will explore how organizations transform to address the challenges posed by the United Nation's Sustainable Development Goals (SDGs) and formulate solutions based on their basic functions: planning, organization, direction, and control. It discusses different aspects of organizations as instruments of social, political, economic, and or environmental transformation. 3 credits.

GIV 201 - Information and Communication Technologies (ICT) for Post-Truth Research

In this course students will explore the concept of “research problem” and the different types of problems. It highlights the use of orderly, sequential, and logical strategies of identification, collection, and discrimination of data to obtain reliable results. The use of computer resources and the proper management of databases are integrated. At the end, each student elaborates their research question alongside an annotated literature review. This course has an experience linked to the Language Lab. 3 credits.

GIV 301 - Research Design and Methodologies (Prerequisite: GIV 201)

In this course, students will deepen on the various research methodologies through quantitative, qualitative, mixed, and project development designs. Students will explore the concepts of variables, hypotheses, sample, and sampling, as well as the main data collection techniques. Each student will select a methodology to answer their research question or project purpose. This course has an experience linked to the Language Lab. 3 credits.

GIV 302 - Data Management (Prerequisite: GIV 301)

In this course, students delve into the various techniques of data and information analysis parting from the research designs. The course establishes the difference between the concepts of information and data and enables students to practice data collection and coding. It also promotes the integration of digital technology to process the collected data and perform the right procedures to reach valid conclusions. Students will determine, depending on the research question, the statistical treatment or qualitative analysis to which the data or information generated will be subjected. The processing of data includes its evaluation and the recognition of the best ways for its visualization. Through visualization, a way of presenting the explanations of the research question is proposed. This course has an experience linked to the Language Lab. 3 credits.

GSE 301 - Ethics and Political Challenges for Social Justice and Peace

In this course, students will address the difficulties of defining and implementing peace and social justice. It also provides students with the interdisciplinary knowledge and dialogues to promote ethical deliberation and critical analysis on the life conditions experienced by certain groups of people within a complex socio-economic and political context at the global and national levels. Furthermore, the course provides students with a first approach to diversity and human rights as essential grounds for the achievement of social justice and peace. 3 credits.

GSE 302 - Ecological Awareness, Inclusion, and Human Rights (Prerequisite: GSE 301)

In this course, students delve into the difficulties presented by the definition and implementation of peace and social justice. It addresses, in an interdisciplinary way, the issues of ecology, ethics, and social responsibility considering human diversity and its implications from the intersectionality of social categories. It concludes with the discussion and reflection on the importance of the preservation of Human Rights, current and future, through actions necessary to advance a project of social justice and peace. 3 credits.

LID 101 - Self-Leadership I

Course of interdisciplinary nature designed to support new students and facilitate their transition into university life so they can benefit, enjoy, and effectively manage the different experiences, tasks, and challenges presented by the academic world. The course provides diverse educational experiences that promote in the student the desire to explore and reinforce their self-knowledge, deepen the proper management of emotions and healthy interpersonal relationships, develop empathetic and non-violent communication, as well as promote the care of their health and well-being. Similarly, the course highlights the development of self-leadership and the academic competencies for university life, becoming familiar with institutional projects, services, principles, and policies, exploring technological tools for learning and effective communication, as well as initiating their professional development. The experience includes specific workshops on different topics. 3 credits.

LID 301 - Self Leadership II (Prerequisite: LID 101)

This course will offer students the opportunity to complete a series of workshops or conferences that support the strengthening of institutional competencies and their professional interests. These experiences should add up to no less than 15 hours in total. Two alternatives are provided to complete the requirement: workshops or lectures available at Sagrado's micro credential offering may be taken or creditable evidence of completion of this type of experience outside the institution may be submitted to the General Studies Program. In either case, and according

to the evidence presented, the student will receive a certification of compliance, and this will become part of their academic record at the Registrar's Office. 1 credit.

LID 401 - Self-Leadership III (Prerequisite: LID 301)

Interdisciplinary course designed to support students in their final stage of professional training in the selected bachelor's degree. Diverse educational experiences aimed at consolidating their professional skills are provided. In addition, the institution strives to round off student knowledge in areas of self-knowledge, proper management of emotions, and healthy interpersonal relationships. These experiences emphasize the support for the successful completion of their bachelor's degree, the integration of knowledge and professional skills, research, and entrepreneurship, as well as the continuing education route that students desire to strengthen their learning throughout their life. 2 credits.

TEO 411 - Community, Solidarity, Justice, and Peace (Prerequisite: GSE 302)

In this course, students will critically reflect, in the light of Christian values, on the major ethical issues discussed in the GSE 301 and GSE 302 courses, namely, the ethical-social experience in general, as well as political, economic, ecological, and cultural ethics. Analyzing the knowledge acquired on the foundation and practices of social ethics is carried out from the Social Doctrine of the Catholic Church. Students are encouraged to value and project a personal and professional commitment to justice and peace. Participation in co-curricular service activities is a requirement of the course. 3 credits.

Undergraduate Major or Exploration Courses

ADM 102 - Organization Dynamic

Fundamental concepts and practices in the world of organizations. Study of the functions that make up the managerial process related to planning, organization, control, and direction. Discussion of the external and internal environments in which organizations operate and of their decision-making process. Emphasis on the value of ethics and corporate social responsibility, and organizational structures and designs in a globalized competitive world. 3 credits.

ADM 105 - Macroeconomics to Personal Branding

Discussion of macroeconomic factors that lead to understanding the current economic situation through the discussion of main macroeconomic indicators. On this basis, it reflects on the economic condition of Puerto Rico and explores alternatives for the future. The student is accompanied in the development of a personal brand as well as strategies for their professional development and digital presence. Finally, tools for managing personal finances, financial planning, and personal budgeting are presented, for analysis in the immediate economic situation. The course is guided by the project-, problem-, and challenge-based learning methodology. This course is a requirement of the Business Development Program. 3 credits.

ADM 201 - Business Law

Study of the fundamentals and general concepts of business law necessary to perform in the field of business administration based on the constitutional bases applicable to Puerto Rico. It focuses on the study of the person, the sources of obligations, and property, from the perspective of how they affect the exercise of trade and business. It also introduces the fundamental aspects of business law, both from the local, interstate, and international trade perspectives. The course references legislation and jurisprudence of Puerto Rico and the United States. 3 credits.

ADM 300 - Managerial Experience (Prerequisite: ADM 105)

This experience exposes students to the management process in an integrated manner. The managerial components of marketing, finance, leadership, and project management are discussed. The course is developed by integrating the topics into various business simulation exercises through a digital platform and through teamwork. Emphasis is placed on the role of each component and its integration as a management process. The course is offered through team teaching and includes topics such as market research, strategies, tactical plan, financial markets, financial analysis, the role of the business leader, and project management as a managerial tool. 6 credits.

AMD 301 - Human Resources Administration (Prerequisite: ADM 102)

This course is an introduction to human resource management and the techniques used in staffing, its function, and activities that examine the strategic role that the human resource manager plays in managing the modern and changing organization. Discusses the basic processes of recruitment, selection, training, evaluation, compensation, resource development, retention, compensation, and working relationships. In this way, it also examines the legal implications in the globalized world, current situations such as: diversity training, sexual harassment policies, and the increase in the cost of benefits. Emphasis on the importance of human resource management in today's modern world, the corporate level, as well as the view of the perception of both management and subordinate employees. This course is offered online and face-to-face. In addition, it presents the new trends and changes in labor laws, as well as how this benefit or affect the healthy management of resources. Topics related to the use of technology as a tool for recruitment and selection, staffing, employee supervision, and professional ethics are included. The student will meet once a week with the professor. In the face-to-face class, the student will discuss doubts related to the chapter or topic selected for the week and the day that corresponds to the online activity, they will perform the assigned tasks, as well as maintain an active participation with their classmates and the professor electronically. 3 credits.

ADM 401 - Operations Management (Prerequisite: ADM 102)

Analysis of managerial problems associated with the organization's operational systems. Discussion of the organization of the production systems of goods and services, the design of the production system and the techniques in the analysis of operations. Study of the life cycle of the production system. 3 credits.

ADM 410 - Business Toolkit I (Prerequisite: Last year of studies)

This course focuses on developing new tools, skills, or knowledge that add value to a student's professional development. Its placement in the last year of study allows students to reflect on the areas they need to strengthen before entering the job market with an academic degree. During this 1-credit course, students will be able to validate at least 5 tools such as technological skills, analysis tools or specific professional-application knowledge, among others. 1 credit

ADM 411 - Business Toolkit II (Prerequisite: Last year of studies)

This course gives continuity to the ADM 410 course for the development of new tools, skills, or knowledge that add value in the professional development of the student. Its placement in the last semester of study allows the student to continue reflecting on the areas they need to strengthen before entering the job market with an academic degree. During this 1-credit course, the student will be able to validate at least 5 additional tools that include technological skills, analysis tools, or specific knowledge of professional application, among others. 1 credit.

ADM 450 Decision Making This integrative course exposes the student to formative business leadership experiences. The course integrates quantitative and qualitative aspects that contribute to decision-making such as information sources, trend analysis, bias, risk management, communication aspects, creativity, teamwork, and strategy. The experience of the course will contribute to the student's understanding of the managerial role and the value of strategic decision-making in companies or organizations. 3 credits.

ADM 475 - Innovation and Business Growth (Prerequisite: Last year of studies)

Study, analysis, and application of the practices used to identify and develop growth opportunities in emerging companies. This course highlights the stages of growth of a company, the challenges and opportunities that accompany each of these phases, as well as the most successful strategies applied by local and international companies to capitalize on various opportunities for expansion and growth. The advanced course examines managerial challenges related to leadership, strategy, and market positioning, organizational design, and geographic expansion. 3 credits.

ADM 480 - Strategic Management (Prerequisite: Last year of studies)

Study of the most relevant issues of the organization emphasizing new organizational trends and management practices. The course will be developed through lectures, mainly, through the discussion of the topic by the student, as well as their active participation. The student will integrate the technical aspects discussed in the course to the projects that will be developed in the community organizations according to the service-learning modality. The student will have 34% of the contact hours of the course to carry out activities related to the project. The total number of hours required by the project will vary according to the nature and complexity of the activities to be performed. 3 credits.

ADT 101 Manipulation and Edition of Digital Image

This course serves as a basis for familiarization of concepts and techniques necessary for the generation, manipulation and animation of digital graphics. By combining historical background with guided exercises, students will be exposed to the typical nomenclature of the industry, and to a fundamental understanding of the basic, but necessary, processes to move towards an education in the areas of digital art and animated production. The course covers three fundamental parts: (1) introduction to digital imaging, (2) image manipulation and editing, and (3) experimental animation. 3 credits.

ADT 201 - Introduction to 3D Modeling and Animation (Prerequisite: ADT 101)

This course seeks to familiarize the student with the most advanced three-dimensional design and movement program on the market. In addition, the basic processes of Modeling, Texture, Lighting, Camera use, and Animation are covered. One of the goals of this course is to introduce the study of shapes and develop a technical eye for three-dimensional animation. 3 credits.

ADT 210 Pre-Production, Visualization, and Animatics

The pre-production, previzualization and animatics course prepares the student to plan a specific audiovisual production for 3D Animation. Traditional techniques such as storyboarding become the process of animatics. Animatic is a dynamic process that combines the directions of a script with the audio of the production resulting in a visual narrative, which serves as a guide to the final production of an animated work. The course offers you the opportunity to develop a concept of animation by integrating classic techniques of filmmaking and using the

technological advances available from digital animated production. This course is supported and coordinated by the Creative Technologies Studio (StudioLAB). 3 credits.

ADT 220 Character Design and Animation (Prerequisites ADT 201 and ADT 210)

This course explores the techniques necessary for the complete development of a three-dimensional character. From artistic conceptualization, organic modeling of the human figure and its texturing, to the creation of skeleton and the body and facial deformations necessary for animation, the student addresses all the stages necessary to create and animate a deformable three-dimensional character. In addition, the student develops an original character with animation on stage. 3 credits.

ADT 310 Advanced Texturing and Illumination

(Prerequisite ADT 101, ADT 201, and ADT 210) Building on the foundations of basic courses, this course goes into detail on the processes of creating Materials and Textures, combined with Lighting techniques of three-dimensional scenes. As a goal, the student must demonstrate mastery of advanced texturing, lighting, and compositing techniques for 3D sequences. Techniques and concepts for the creation of textures such as UV Mapping, Normal Mapping, Physically Based Shaders, and 3D Painting are studied. Rendering techniques are also explored to achieve a range of visual styles. 3 credits

ADT 401 - Special Project in 3D Animation (Prerequisites: ADT 220, ADT 310)

Collaborative and project development course, focused on creating a production team formed by students, with the purpose of testing the techniques they have perfected in previous courses, and developing an original project during the semester. The production group will submit a development proposal at the beginning of the course. These proposals will be evaluated by the faculty of Sagrado's StudioLab, from which one or more production proposals will be evaluated and chosen. Students must have typical roles of a production and will be responsible for the proper execution of their tasks in it. The production must be completed by a certain date, it will be presented to a group of professors and guests from the industry who will offer their opinion and criticism. 4 credits.

ADT 425 Special Effects and Image Composition (Prerequisites ADT 220 and ADT 301)

This course explores the techniques needed to perform special effects that combine live-action video with 3D imagery. The rationale for these techniques is to achieve visual coherence using different elements; And how through the manipulation of color, lighting, and perspective this integration is achieved. By experimenting with motion tracking, 3D rendering, image compositing, chroma-keying, and colorization technologies, among others, students will complete work that requires the use of these techniques in order to realize a believable artistic vision to an audience. 3 credits.

ADT 430 - Advanced 3D Animation (Prerequisites: ADT 220, ADT 310)

Introducing cutting-edge technologies such as motion capture and real-time animation, the course introduces students to the most advanced topics of 3D animation. By implementing the techniques used in the most advanced production studios, students will have the opportunity to explore, experiment, and develop creative projects of high technological sophistication. Mastering these technologies is critical to interactive development, body animation of characters, and serves as the foundation for the development of virtual reality (VR) and augmented reality (AR). The course will pay special attention to motion editing and the use of non-linear animation for the creation of cycles, transitions, combined movements, and other advanced production editing techniques. 4 credits

ART 111 - Theory and History of Art

This introductory course promotes theoretical reflection on art as an indispensable element for creation. It presents a historical tour of the main local and international artistic events, as well as the theories that have served to contextualize the social impact of artists and analyze and problematize artistic production. The intersections between art and the UN's Sustainable Development Goals are also explored. 3 credits.

ART 116 - Language and V Thinking

Introductory workshop in which the fundamentals of visual communication and the expressive resources of design are studied using manual and digital procedures. Students are introduced to the understanding and solution of problems in the visual and functional fields of art, providing key tools to develop creativity and conceptualize artistic proposals. 3 credits.

ART 125 Fundamentals of Drawing

Introductory workshop where you experiment and explore various media, work surfaces as well as the multiple ways in which drawing can be approached. Through creative practice, technique and visual vocabulary are studied, taking as a reference traditional themes such as still life, landscape and the human figure. The course encourages free interpretation, subjectivity, and personal expression of the student. 3 credits.

ART 215 - Bi-Dimensional Creation (Prerequisites: ART 116 and ART 125)

Introductory workshop to the principles and foundations of visual creation in two dimensions, its means, techniques, methods, and tools, as well as the theoretical foundations that govern traditional, contemporary, and current artistic production. Emphasis is placed on the creative process, from idea to design and elaboration. The course reinforces the understanding and use of artistic vocabulary with sessions where the student discusses their projects in a constructive way with the rest of the student group and the professor. 3 credits.

ART 220 - Digital Media (Prerequisite: ART 125)

Experimental workshop and laboratory focused on theoretical and practical aspects of digital media in art and design. The course stimulates the progress of knowledge and skills in programs of manipulation and generation of pixel and vector images as a starting point for the development of creative artistic proposals for personal expression. Through individual and collaborative projects of progressive complexity, students develop a personal language and skills of expression and communication in digital media applicable to other fields of visual expression. 3 credits.

ART 230 - Three-Dimensional Creation (Prerequisite: ART 215)

This course explores the theoretical and practical aspects of three-dimensionality as a plastic expression that privileges spatiality, temporality and communicative scope based on the formal assumptions of sculpture. The course introduces the basic knowledge of the means, techniques, and materials of object sculpture and visual vocabulary within the field of traditional, contemporary, and current aesthetic thought. With socialized discussion of contents, audiovisual material and individual and collaborative projects, the student becomes aware of the process of artistic production, its possible expansion into other disciplines and enhances innovation as an artistic value. 3 credits.

ART 310 - New Trends (Prerequisites: ART 116 and ART 125)

This theoretical course delves into the visual narratives of popular, underground, and urban cultures, and their penetration into the prestigious world of art and the aesthetic imaginary of recent generations. It explores the aesthetics of comics, graffiti, pop surrealism, and other

aesthetic expressions of today's visual culture. It offers the contents through socialized discussions, audiovisual materials, and visits to cultural spaces that expose the changes of art roles towards new meanings from its broad multi-referential and inclusive perspective. 3 credits

ART 315 - Product Design (Prerequisites: ART 116, ART 125 y ART 230)

Workshop course focused on visual expressions that involve products of use such as shoes, t-shirts, and backpacks to transform them from two points of view: that of aestheticization (which does not alter its usefulness) and that which alters its usefulness to turn it into an artistic object. This course carries a fee for art materials. 3 credits.

ART 320 - Graphic Processes (Prerequisites: ART 116 y ART 125)

Introduction to the theory and practice of graphic printing and presentation processes in the context of art. Through exercises and projects of conceptualization and design of progressive complexity, this workshop emphasizes the development of fundamental technical skills such as monotype, serigraphy, relief, and *intaglio*. The course stimulates the creative integration of digital media, the manipulation of graphic images, and interdisciplinary experimentation. This experience covers printing methods on traditional formats and other formats such as textiles and three-dimensional prints. 3 credits.

ART 410 - Public Art (Prerequisites: ART 125 y ART 230)

Workshop that explores the communicative impact of art, involves the environment, public and semi-public spaces including the campus and the community. It is based on proposals for aesthetic intervention that include mural painting, objects, and architectural structures with the purpose of revitalizing them. It begins with field studies, continues with the projective design stage, and culminates with the realization of a project. This course carries a fee for art materials. 3 credits.

ART 415 - The Circuit of Art (Prerequisite: ART 310)

This theoretical course explores the circuit of production, diffusion, and reception of art from the avant-garde to the current manifestations. With a panoramic approach the student has access to the dynamics that govern the art system and its role in the market, as well as the figure of the artist as celebrity and new cultural forms, the political-art relationship, cultural levels, sociology, and aesthetic taste. The content offers the student theoretical foundations that help them understand how the multidimensional art world operates and enable them to continue future studies in other relevant branches. 3 credits.

ART 485 - Interdisciplinary Practice (Prerequisites: all major credits)

This experimental practice course integrates the two-dimensional and the three-dimensional planes as spatial concepts of interchangeable aesthetics useful for the formation of a personal artistic vision. It offers an open experience where, the expressive freedom together with the knowledge acquired in previous courses provides the student with a wide menu for the formation of their personal identity as a producer of quality aesthetic values according to their interests, knowledge, and strengths. Final year students integrate in a practical way the skills and knowledge that prepares them for the labor market and/or the continuation of advanced studies with the collaboration of the professor who assists them in identifying and reinforcing their skills. 3 credits.

BIL 204 - Introduction to Microbiology Lab (Prerequisite: BIO 102)

Study of microbes of medical importance through a series of practical laboratory experiences under the online modality either with simulations, educational experiences, and various educational means. 1 credit.

BIO 101 - Human Biology I

This course is an introduction to human anatomy and physiology. It is a theoretical and practical course that emphasizes the structure and functioning of the human body's organs and systems. The course is aimed at undergraduate students in Nursing, Exercise Science and Psychology, as well as students of graduate programs who are required to have this knowledge, such as the Physical Therapy and Speech Pathology programs. The course presents, with images, interactive models, and cases management, the levels-of-organization model, and from this, it ventures into the study of the cell, the fundamental tissues, the skin, and the immune, circulatory, respiratory, nervous (special senses included), and endocrine systems. The importance of knowing them is demonstrated by their usefulness in the clinic and in everyday life. 3 credits.

BIO 102 - Human Biology II (Prerequisite: BIO 101)

This course is the continuation of the study of the systems of the human body (BIO 101). Human Biology II is a theoretical and practical course that emphasizes on the structure and functioning of the organs and systems of the human body. Here you will study the skeletal, muscular, digestive, urinary, and reproductive systems. The latter includes the basics of embryology, pregnancy, childbirth, and breastfeeding. The course also studies the basics of nutrition and stress as an adaptative response. The importance of knowing this is demonstrated by its utility in the clinic and in daily life through the use of images, interactive models, and case management. The course is aimed for undergraduate Nursing, Exercise Science, and Psychology students. Likewise, students from graduate programs who are required to have this knowledge, such as Physical therapy and Speech Pathology programs. 3 credits.

BIO 111- General Biology I

This course has an approach that allows the formation and integral development of the student of the Natural Sciences program. The fundamental principles of animal and plant life and their relationship with the environment are studied. Emphasis is placed on the level of molecular and cellular organization and on biochemical processes: respiration, photosynthesis, mitosis, and meiosis. Introduction to classical, molecular genetics and biotechnology. The course includes theory and practice. 4 credits.

BIO 112 - General Biology II (Prerequisites: BIO 111)

This course has an approach that allows the formation and integral development of the student of the Natural Sciences program. The principles of population genetics and evolution, the classification of plants and animals, the comparative study of organic systems in animals, and the structure and function in plants, ecology and tropical ecosystems are studied. The course includes theory and practice. 45 contact hours, 30 laboratory hours, 3 credits.

BIO 203 - Zoology (Prerequisite: BIO 112)

Study of the anatomy, physiology, taxonomy, and phylogeny of animals. Aspects relevant to life cycles and ecological relationships are discussed. Emphasis on the study of representative forms and the usefulness or potential harm of some species to man. The discussion of topics is supported by conferences, the examination and dissection of organisms, and the highlighting of endemic, native and exotic species of Puerto Rico. The reflective approach and practical experiences of the course provide the university student with the acquisition of holistic, fundamental, and profitable knowledge about the animal kingdom, its current diversity, and its study. 4 credits.

BIO 204 - Introduction to Microbiology (Prerequisite: BIO 102)

Theoretical and practical study, in the laboratory, of the most common microbes and pathogens. Emphasis on identification, habitat, diseases they cause, ways to combat them and

pollution prevention using asepsis techniques to combat the most common microbes inside and outside the hospital. The approach is a constructivist one with the aim of applying knowledge in the practical life of the profession and is complemented with online activities. The course is aimed at nursing students and is offered completely face-to-face, partially online, or completely online. 3 credits.

BIO 223 - Genetics (Prerequisite: BIO 112)

The course is theoretical and practical in nature, including molecular genetics, genetic regulation in both prokaryotic cells and viruses, as well as eukaryotic cells, mutations, and genetic aberrations. The fundamentals of molecular biology that are the basis for the development and applications of biotechnology are analyzed. The ethical and moral repercussions on genetic manipulations are discussed. The principles of Mendelian inheritance and population genetics are studied. In addition, the different experimental techniques by which these principles have been discovered are analyzed. The course consists of lectures and class discussions integrating laboratory experiences related to the topics covered. 4 credits.

BIO 230 - General Botany (Prerequisite BIO 112)

This course is an introduction to plant biology. It studies the structure and function of plant structures, their metabolism, physiology and genetics, modes of reproduction and development, their ecology and economic value. Taxonomic principles, origin, and biodiversity of plants are discussed. The discussion of topics is supported by examples and local species. The course provides the university student with the acquisition of fundamental and holistic knowledge about plants and their study. 4 credits.

BIO 302 - Ecology (Prerequisite: BIO 112)

Study of fundamental principles of ecology from a broad perspective and understanding towards the processes and mechanisms that control the stability of natural ecosystems. Lines such as abiotic and biotic components, structure and functioning, population dynamics, trophic interactions, energy flow and recycling of materials are discussed. It also works on the impact of population growth and technological development on the quality of ecosystems and biodiversity. The discussion of topics is supported by conferences, field trips, examination of samples and the highlighting of exemplary local ecosystems. Participation in community outreach project is included. The analytical approach and practical experiences of the course provides the university student with the acquisition of holistic, fundamental, and profitable knowledge about ecology. 4 credits.

BIO 323 - Development Biology (Prerequisite BIO 112)

Developmental Biology has great scientific and social significance, making it a required course of the biology program. The course includes the theory and practice of organismal development by analyzing the basic developmental processes at the molecular, cellular, and tissue levels. Cellular interactions, differential gene activation, morphogenetic movements, and tissue induction are analyzed. Experimental techniques are used through laboratory exercises to study the development of animals. Ethical and social issues associated with development research and its applications are discussed. 4 credits

BIO 405 - Applied Neurobiology (Prerequisites: EMP 411, BIO 223 or BIO 323)

Neuroscience is a new way of thinking about the brain, integrating various traditional disciplines such as cognitive psychology, computing, neurophysiology, neurogenetics, molecular biology and neurochemistry. This course applies the principles of entrepreneurship to applied concepts of neurobiology. Neurobiological structures and functions are studied with the focus on

developing a research work. Functional, morphological, and molecular aspects of the nervous system and excitable cells are discussed. The techniques and models currently used in neurobiological research are reviewed. Finally, some higher mental functions and their relationship with the principles of organization of neural circuits are discussed. These events are studied with the purpose of developing an entrepreneurship project in this field. The course focuses on ethical aspects related to data management in the laboratory and the reporting of research results in applied neurobiology. Based on the fundamentals of entrepreneurship – ideation, validation, development, and execution– the autonomy of the student is encouraged in the bibliographic search, critical analysis of scientific articles related to different areas of neuroscience, and the development of a research topic related to these fields. 6 credits.

BIO 455 - Cellular and Molecular Biology with Entrepreneurship (Prerequisites: EMP 411, BIO 112 and QUI 302)

This course applies the principles of entrepreneurship to basic concepts of cellular and molecular biology. The structures and functions of cells at the molecular level are studied with the focus on developing a research work. The emphasis is on the structures and functions of chromatin, membrane systems, cytoskeleton, cell organelles, and extracellular materials. Some of the events associated with these cellular components are genetic regulation, biosynthesis, transport mechanisms, energy conversions, morphological changes, signaling and communication mechanisms between cells, and cell cycle regulation. These events are studied with the purpose of developing an entrepreneurship project in this field. The course focuses on ethical aspects related to data handling in the laboratory and reporting research results in cellular and molecular biology. Based on the fundamentals of entrepreneurship –ideation, validation, development, and execution– the autonomy of the student is encouraged in the bibliographic search, critical analysis of scientific articles related to different areas of cellular and molecular biology, and the development of a research topic related to these fields. 6 credits.

CCO 115 - Computer Principles and Techniques

Study of the basic concepts of the field of logic. Principles of logic of propositions and Boolean algebra. Number systems, operations, and base change. Study of the mechanisms of representation of information in a computer. Relationships and functions, recurrent relationships, sequences, and combinatorial theory, applied to the analysis and implementation of algorithms and programs. 4 credits.

CCO 225 - User Experience Development in Web Applications (Prerequisite: INF 125)

Theoretical-practical course of introduction to network technologies, the Internet, and the World Wide Web. Discussion of systems development incorporating techniques for creating systems with good user experience (UI/UX). Discussion of various aspects in the design, development, and implementation of a website. Study of HTML and CSS for the creation of Web pages. Study of tools and languages for the development of interactive pages and applications programmed for a website. Projects of design and development of pages and programs are carried out. 3 credits.

CCO 290 - Web Content Management (Prerequisite: CCO 280)

Introduction to knowledge management in Web systems, for personal or business use. It studies the importance of knowledge in an organization and the systems used to represent, manage, and share it. It analyzes technologies such as *blogs*, groupware, and systems for the automatic management of content both at a personal and business level. The student analyzes real needs

of individual or organizational information management, proposes the design of a Web portal to meet these needs and implements it using Web content management technology (CMS). In addition, students have the possibility to practice the systems as a user and as an administrator. The student participates in the research experience and integrates tools, theory and techniques discussed in the course. The course requires the active participation of the student in the research and presentation of the results. 3 credits.

CCO 335 - Distribution Systems (Prerequisites: INF 201, CCO 115)

In the first part of the course, the basic concepts of digital communications are studied: notions of bandwidth, characteristics of channels, the equipment used, mechanisms for detecting and correcting errors, techniques for sharing channels, modulation techniques, and terminology in general. In the second part, the communication protocols for computer networks are studied, starting from the OSI reference model, the functions of each level and some relevant algorithms such as *shortest path* and *routing*. Finite state machines for some protocols of the data link layer are studied. A research project on a current topic is required, as well as the programming of a basic communication protocol. 4 credits.

CCO 340 - Operating Systems (Prerequisite: INF 201)

Study of the functions of an operating system including mobile device operating systems. Sequential and concurrent processes, processor and memory management and control, and resource allocation and protection are studied. Theory and practice are integrated through research and programming projects. 3 credits.

CCO 360 - Artificial Intelligence (Prerequisite: INF 201)

AI and machine learning have prevailed for their innovative positions in the field of applied technology. In this course both are studied under a humanistic perspective, which is supported by solid theoretical and philosophical foundations. The course analyzes and studies the representation of knowledge and its importance in automatic problem solving. Topics such as: decision tree search and heuristics are included; logic and logic programming; collective intelligence and machine learning; and natural language. It also focuses on the ethical impacts and implications of AI, both positive and negative. It is a semi-practical and analytical course. 3 credits.

CCO 405 Computer Ethics (Prerequisite CMU 350)

Study of the ethical problems that arise with the use of computers in the workplace. Some of the topics covered are: professional ethics, professional codes of ethics, privacy, security, crime, responsibility, and social implications of computer use. The student participates in research experiences in the search for information. In this way, it integrates the different theoretical aspects discussed in the course and applies research techniques and tools. 3 credits

CCO 460 Artificial Intelligence (IA) (Prerequisite INF 201)

AI and machine learning have prevailed due to their innovative stances in the field of applied technology. In this course, both are studied from a humanistic perspective, which is based on solid theoretical and philosophical foundations. The course analyzes and studies the representation of knowledge and its importance in automatic problem solving. Topics such as: Decision Tree Search and Heuristics are included. Logic and logic programming; collective intelligence and machine learning; and natural language. It also focuses on the ethical impacts and implications of AI, both positive and negative. This is a semi-practical and analytical course. 3 credits.

CCO 485 Website and App Development for Mobiles Devices and Platforms (Prerequisite CCO 225 y CCO 340)

Practical course where various aspects in the design, development, implementation and evaluation of applications for mobile communication devices are studied. Study of tools for the development of mobile programming: languages and development environments for the creation of "apps" for various platforms, which are responsive and/or adaptive. Application optimization. A project for the design, development and deployment of a mobile application is being worked on. 3 credits.

CES 110 - Strategic Communication

This course studies the theories and principles of strategic communication in practical applications. Students will explore how communication has been transformed by digital technology, media fragmentation, changes in audience behavior, and ethical implications. Also, students will examine cases of strategic communication in novel and emerging scenarios in light of the diversity in digital media and social networks. They will analyze the role of the strategic communicator in the design and implementation of integrated and persuasive strategies to achieve organizational goals. Likewise, students will examine the challenges and opportunities of strategic communication in our global society. 3 credits.

CES 111 - Strategic Writing (Prerequisite: CES 110)

This course provides a model for designing effective marketing communication, along with detailed insights on topics such as conducting effective audience analysis, message structure and medium through strategic writing exercises, and developing a professional writing portfolio. It provides students with practice to create content that meets the goals of the organization and to apply communication theory and persuasion techniques. Students develop content for advertising, public relations, and corporate communications. The course takes an integrative approach to message design, bringing together critical thinking from marketing, psychology, communication, and creative writing (emphasis on multi-platforms). 3 credits.

CES 220 - The Creative Process (Prerequisite: CES 111)

Students will conceptualize solutions that meet strategic objectives from the generation of ideas to their final application in this course, regardless of the type of medium or platform. The creative process influences the evolution of the creative summary to develop an innovative and relevant strategic idea that solves the client's problems and needs. It stimulates group work and ethics in traditional and digital multimedia and multiplatform environments. 3 credits.

CES 221 - Strategic Branding (Prerequisite: CES 220)

The course explores the business environment from the perspective of brand development, meaning and its relationship with its users and customers. Companies must develop innovative, dynamic, and comprehensive strategies capable of reflecting the constant change that a more sophisticated and informed consumer is currently experiencing. The course focuses on the importance of a brand, how it behaves, how it should be attended, differentiated, and managed with authenticity as its north to achieve consumer loyalty. In addition, it analyzes consumer of recall and decision-making strategies. It also evaluates the positioning, social environment in the market, competition, and influencing audiences, as well as the values that will define the behavior of the brand. 3 credits.

CES 310 - Digital Media Strategies (Prerequisite: CES 221)

The course studies the components and development of a digital media and social media plan, including proposed metrics with return on investment. It exposes the student to strategic media

decision-making and emphasizes on writing these strategies in order to create a creative media plan. It trains the student to identify specific segments, manage databases on audiences, recommend media mix, both online and offline, analyze performance (return on investment) and support business decisions according to the type of consumer, as well as their particular needs and preferences. 3 credits.

CES 311 - Creation, Healing, and Dissemination of Digital Content (Prerequisite: CES 310)

This course covers content creation for various digital media, including email, social media, and interactive media. An integrated digital communication strategy requires consideration of design and communication theories, principles, and best practices for visual and written communication. In addition, the course explores topics of management and curation of such digital content, as well as the understanding of the dynamic creativity associated with this practice (metrics, consumer insights, among others). 3 credits.

CES 410 - Regulatory Standards for Strategic Communication (Prerequisite: CES 311)

The course examines how events, politics, laws and the various strands of online communication and social media have shaped and transformed professional ethics and codes of ethics. Discusses various codes of ethics and laws applicable to the strategic communicator in different scenarios, including ethical concerns about collecting and handling consumer data to make business decisions. It studies the ethical issues in communication and encourages self-examination of personal ethics as a strategic communicator. It examines social responsibility as a business strategy from an ethical-legal perspective. 3 credits.

CES 411 - Strategic Communication Management (Prerequisite: CES 410)

Practical experience in planning and managing applied strategic communication efforts. It uses a service-learning format, requires the application of managerial, strategic, and integrated communication skills, where the student can put into practice the specialized knowledge and skills learned in a strategic communication plan for an organization. 3 credits.

CES 415 - Consumer Insights

This course discusses the basic principles of the study of consumer behavior and the collection of consumer information (Consumer Insights) using research tools. Consumer behavior research is an organized way to develop and provide information for managerial and strategic decision-making that impact communication with audiences. The course aims to provide students with knowledge of the basic issues and concepts of consumer behavior and to be able to conduct, purchase and use research to make decisions. 3 credits

CES 412 - Audience and Media Analytics

This course introduces basic concepts, processes, media analysis and audiences. It explores the rise and characteristics in the management of big data, acquisition of data on audience behavior, and media consumption. It studies basic concepts of digital analytics and the use of live data to generate insights into the main aspects of a website or mobile app, as well as user profiles, traffic sources, browsing patterns, conversion rates, and purchase routes within the digital ecosystem and social media. In addition, it includes the interpretation of data and its integration into the strategic plan. 3 credits.

CFI 101 - Social and Psychological Aspects of Physical Activity

The course offers a theoretical explanation of different psychological aspects that affect physical activities and sports participation. Some discussion topics are recreation, women in sports, coaching, and performance improvement. Likewise, the course offers an in-depth

analysis of research studies and introduces the use of appropriate techniques for the evaluation and prevention of socio-psychological situations affecting athletes. 3 credits.

CFI 201 - Perceptual Motor Development

Theoretical course aimed at knowing the influence of the nervous system on perceptual motor development emphasizing the relationship between cognitive and perceptual motor development, between the growth of the brain and the total development of the individual. It provides the knowledge to determine the influence of vision, hearing and touch and the importance of physical development on perceptual motor development. The implications for learning and education of the different stages of perceptual and motor development are studied. 3 credits.

CFI 202 - Injury Prevention and First Aid

Physical activity and sports training are factors that favor multiple beneficial and healthy effects on the individual. Every day there are more populations that participate regularly in sports and physical activities, but we must bear in mind that physical activity and sports training are not exempt from injury risks. This, in turn, induces that sports injuries are on the rise and cause the consultation of professionals related to the field of sports training: physical trainers, athletic therapists, physical therapists, and kinesiologists, among others. This course has as its main objective to provide a broad knowledge in valid interventions to meet the needs that arise in daily practice, related to the prevention of injuries during sports training and physical activity. 2 credits.

CFI 203 - Physiology Exercise I (Prerequisite: BIO 102)

It is the theoretical study of acute and chronic changes that occur in physiological systems with exercise, physical activity, and training. The muscular and neuromuscular system and its adaptations with exercise, physical activity and training are studied. Also, the student learns the systems responsible for the transport and use of energy, the cardiorespiratory systems and their adaptations during exercise, physical activity, and training. In addition, physiological responses are learned during exercise, physical activity, and training in a hot and cold environment. 3 credits.

CFI 204 - Physiology Exercise II (Prerequisite: CFI 203)

This theoretical course discusses acute and chronic adaptive responses that occur during different stages of life. The endocrine system and its adaptations with exercise, activity and physical training are studied. The student learns the different adaptive responses that occur immediately and long-term in hormone control. Also, physiological responses are learned during exercise, physical activity, and training at altitude. 3 credits.

CFI 301 - Cardiorespiratory Conditioning (Prerequisite: CFI 204)

Study of cardiorespiratory conditioning through various modalities of physical exercises. The theories, rules, and techniques to organize and offer physical activities aimed at groups and individuals through the modalities of aerobic rhythmic exercises (high and low impact, Zumba, and step aerobics), walking/running, and spinning are studied. The course is developed through lectures and practical exercises of each modality. 3 credits.

CFI 302 - Kinesiology (Prerequisite: BIO 102)

Professionals in health-allied sciences require knowledge of the principles and concepts of human movement. The ability to identify bones and muscles relevant to human movement demonstrates the ability of physiological and motor analysis of human movement for the different specialties of practical execution in the auxiliary sciences. Identifying, organizing,

and analyzing the basic movements regarding the muscular actions that occur in physical activity and exercise is an essential criterion to reduce the risk of injury and prescribe safe exercise. This is a theoretical and practical course. 3 credits.

CFI 305 -Modality of Physical Activity

Study of muscle conditioning through various modalities of physical exercises. The theories, rules and techniques of organizing and offering physical activities for groups and individuals through different modalities will be studied. Stabilizer Ball, Medicine Ball, Elastic Bands, Yoga, Tai-Chi and Kick-Boxing. The course will be developed through lectures and practical exercises of each modality. 3 credits.

CFI 401 - Training Methodology (Prerequisite: CFI 204)

This course offers an introduction to the methodology of sports training. The course works, promotes, and shares knowledge of appropriate quantitative and qualitative methods of athletic training including healthy people and those who dabble in organized physical activity, in grassroots sport and subsequent sports development and finally, in the high level of competition. The scientific factors that influence the preparation, organization and structuring of training programs in all ages and performance abilities are analyzed. Also, the student is educated for the use of the scientific method applied to the sports field for the development of weekly, monthly, and annual training plans in the population of university athletes, general population, and high-performance athletes. This, in turn, involves the study of facilities, technical equipment, tactical and sports concept. 3 credits.

CFI 402 - Body Strength (Prerequisite: CFI 204)

The physiological, biomechanical, and motor fundamentals are applied in the training and development of the strength component. This training is aimed at the development of a better state of health and excellence in sports performance. Emphasis is placed on terminology, systems, methods and theories, and specialized equipment. 3 credits.

CFI 405 - Management Spor Facilities (Prerequisite: CFI 411)

This course emphasizes the study of management theories and models for sports facilities, with emphasis on strategic planning, duties, administrative responsibilities, ethical and legal aspects. Critical thinking is stimulated through the experience of active learning. The integration of the theoretical aspects discussed in the course with the competencies and knowledge acquired to the organizations of the external community is applied. Active participation in cooperative work projects is focused according to the service-learning modality. 3 credits.

CFI 411 - Nutrition, Human Performance, and Health

This course contains the combination of concepts of nutrition, healthy eating, physical effort and caloric expenditure, and the development of a program of physical conditioning and maintenance of health. Nutrition-related studies emphasizing physiological benefits for improving human and health performance are also discussed. It is a theoretical course that consists of identifying the nutritional needs of the individual whose performance ranges from recreational effort to elite status or high level of performance, while studying the role played by diet to achieve optimal adaptations of physiological training. This course emphasizes understanding the digestion, absorption, and metabolism of macronutrients, micronutrients, and water. This course has as a priority to provide the necessary tools to the student to master the nutritional recommendations necessary for the participation of recreational or sports

physical activities with the necessary food intake for a performance free of injuries and in an optimal state of health. 3 credits.

CFI 412 - Administration and Supervision of Sports Facilities

This course emphasizes the study of management theories and models for sports facilities, with emphasis on strategic planning, duties, administrative responsibilities, ethical and legal aspects. Critical thinking is stimulated through the experience of active learning. The integration of the theoretical aspects discussed in the course with the skills and knowledge acquired is applied to the organizations of the external community. Active participation in cooperative work projects is focused according to the service-learning modality. 2 credits.

CFI 413 - Practicum in Exercise Science and Health Promotion (Prerequisite: all major courses up to CFI 414)

In this course the student integrates what has been learned with the development of work plans for physical conditioning and health promotion. Also, the student conducts instructional interventions in gyms, sports, or recreational facilities, and offers talks related to physical fitness, health, and personal growth topics. Students integrate what they've learned with fitness development. 3 credits.

CFI 414 - Measurement and Evaluation of Physical Activity

Health professionals working in exercise-related environments require extensive technical knowledge to safeguard the safety and effectiveness of work in the professional field. This broad technical knowledge covers pre-participation screening, cardiorespiratory assessment, musculoskeletal assessment, flexibility, and interpretation of results for a scientifically based exercise prescription. This knowledge stimulates critical thinking through the use of tests and interpretation of statistics suitable for the classification of individuals according to their respective population. Thus, creating an appropriate design using a measurement and evaluation with valid and reliable data for the education of the different affected populations. This is a theoretical and practical course. 3 credits.

CMU 101 - Introduction to Mass Media

This course presents the communicative act as social and cultural practice. It offers a critical panorama of the sphere of mass media constituted in contemporary society by traditional institutions such as cinema, radio, and television, as well as by the Internet, a network infrastructure where all these media converge, connected through a series of programs, platforms, and technologies. In addition, it offers a critical conceptualization of this sphere as an ecosystem of networks and of media users as "network-actors" or agents who are in constant interaction with each other and with a multiplicity of technologies in the cultural space. It gives the student the opportunity to approach the material through critical discussions and practical and application activities in the cultural context. Assigned jobs allow students to apply their talents in the creative process of an entrepreneurship project. 3 credits.

CMU 110 - Media Convergence, Communication, and Culture (Prerequisite: CMU 101)

Study of the main theories and concepts of communication relevant to understand the current moment of media convergence. From the first interdisciplinary theories of the communication process to theories related to new information and communication technologies (ICT) that users, consumers, and producers routinely use interactively to access and create, preserve, and manipulate contemporary media content in the era of globalization and convergence. The analysis is carried out through an interdisciplinary practical experience based on the discursive and practical interactions that occur in the knowledge society. This course is aimed at undergraduate students of Communication. 3 credits.

CMU 232 - Management and Self-Management of Communication Projects (Prerequisite: CMU 240)

Development and analysis of the knowledge and skills necessary to perform managerial functions and self-management of projects effectively and efficiently for various organizations in the field of communication. The course focuses on the five managerial functions: planning, decision making, organization, coordination (leadership) and control. The student has the opportunity to apply the knowledge, skills, tools, and tactics to meet the expectations of their management. Students show that they know and can apply these concepts within the field of communication either by inserting themselves in existing organizations or their own entrepreneurship project. With the knowledge acquired, the student develops a management plan considering the variables that affect the communication processes for their success. 3 credits.

CMU 240 - Multimedia Copywriting and Multi Narratives (Prerequisite: CMU 110)

Theoretical and practical study of the basic formats used in mass media, emphasizing the various digital narrative structures applicable to audiovisual production, journalism, and strategic communication. 3 credits.

CMU 260 - Digital Storytelling (Prerequisite: GIV 201)

This theoretical-practical course exposes the student to the possibilities that result from the combination of digital technology with the world of communications. Storytelling techniques are interconnected with the perspective of new digital media, networks, and audiovisual dissemination capacity. The course analyzes and discusses the technologies of digital and social production of content, and builds content in the various media (audio, image, video, text, and hypertext). In addition, the role of data is discussed, along with its collection and dissemination. It prepares the student in the construction of their digital identity, employs practical online work strategies, collaborations, analysis of readings and the creation of a digital portfolio on the open Web. 3 credits.

CMU 314 - Persuasive Communication (Prerequisite: CMU 240)

Presentation of the theoretical framework of persuasion in the field of integrated communications. Study of the psychology of persuasion with the purpose of achieving changes in perception, opinion and behavior in a given audience through the written, oral, and visual word. Teaching the most effective tools, strategies and techniques used in real-life cases and put into practice through classroom exercises. 3 credits.

CMU 350 - Data Analytics (Prerequisites: GIV 302, INF 125)

This course studies and analyzes topics such as: data search and collection, statistical techniques for data analysis and interpretation, and data visualization. The ethical theme is incorporated, and data analysis, collection and visualization tools are discussed. 3 credits.

CNE 480 Integrative Seminar (Prerequisite PAV 420)

This seminar focuses on providing students with practical tools to facilitate their foray into the world of professional audiovisual production. It fosters the integration of skills and knowledge that are part of the core curriculum, departmental courses and concentration. Throughout the semester, students will deepen their knowledge of the film industry and its relationship to economic, legal, political, and cultural issues while preparing for their foray into the professional world. 3 credits.

CON 405 Advanced Accounting

Study of the structure and dynamics of corporate assets. Analysis of the accounting problems that arise when one corporation invests in the shares of another, especially when significant influence or control comes into being. Analysis of companies and the study of bonds. 3 credits.

CON 120 - Accounting for Managers

This course discusses the use and importance of accounting and financial analysis in business development. Study of generally accepted accounting principles applied to the accounting cycle and the preparation of financial statements in enterprises producing goods or services. Explanation of the uses, virtues and limitations of financial information when making credit, investment, cost, deviation, and other decisions. Analysis of important aspects of the financial condition of organizations: liquidity, profitability, and solvency. Emphasis is placed on budget preparation and analysis and financial analysis as support for managerial decision making. 4 credits.

CON 220 - Accounting Principles I

The course is designed for students with an accounting major. It analyzes the impact on the operations of a business, the types of accounts and the record of transactions corresponding to the accounting cycle of a company. Examines payroll-related obligations and liabilities. Analyzes the accounting of corporations and societies, considering the financial accounting, investments, solidity, liquidity, and solvency of the entity for decision making and problem solving. The course trains future professionals in accounting in the preparation, analysis, and interpretation of financial information useful in the decision making of an entity. Analyzes ethical aspects related to accounting. 3 credits.

CON 221 - Accounting Principles II (Prerequisite: CON 220)

This course gives continuity to Principles of Accounting I. The course is designed for students, future professionals in accounting. Examines obligations and responsibilities related to long-term liabilities. It analyzes financial accounting, the impact of investments, the soundness, liquidity, and solvency of the entity. Examines the behavior of cost systems. The course enables students to assess financial information for managerial decision making considering the impact of a final decision. 3 credits.

CON 310 - Intermediate Accounting (Prerequisite: CON 221)

Study and application of the accounting system as support in decision-making in companies. Discussion of concepts and methods applicable to the use and disclosure of financial information, its analysis and its effect on different users and types of business entities. Through this course they develop the concepts learned in basic accounting courses. The study of the principles and standards applicable to financial statements in accordance with generally accepted accounting principles (GAAP) is expanded, analysis of the correlation between revenue, accounts receivable, cash, inventories, and assets. The use of technology is encouraged. 3 credits.

CON 320 - Cost Accounting (Prerequisite: CON 221)

Study of the methods and procedures of cost accounting for students of the accounting program. It includes accounting procedures for the three main cost elements. It discusses the procedures used to collect information on costs, cost accrual, and the planning, analysis, and control of costs. Analysis of the budget process with emphasis on preparing operational and financial budgets. The use of technology is encouraged. 3 credits.

CON 360 - Computer Systems in Accounting (Prerequisites: CON 211)

Study of the fundamental concepts of a computerized accounting system. Construction of the accounting cycle, the phase of purchase, placement, and payment of inventory. Analysis of the various computerized accounting systems that are available in the market and their usefulness depending on the type of company. 3 credits.

CON 400. Nonprofit Accounting

Study of accounting theory that applies to non-profit companies. Development and analysis of an accounting framework that allows understanding and solving decisional problems. Emphasis on management planning and control pertinent to non-profit organizations and government. Process analysis and budgetary control. 3 credits.

CON 405 - Advanced Accounting

Study of the structure and dynamics of corporate equity. Analysis of the accounting problems that arise when one corporation invests in the shares of another, especially when significant influence or control occurs. Analysis of companies and the study of bonds. 4 credits.

CON 415 - Auditing of Accounting Systems

This course introduces students to the auditing of accounting systems on electronic platforms. It studies the legal framework of audits and the accepted accounting practices applicable to computer tools properly used as accounting systems. It studies the areas of emphasis of internal control and obtaining evidence in a computerized system. It also examines how procedures are established and audits of this type of computer program are planned in support of accounting. 3 credits.

CON 416 - Income Taxes in Puerto Rico

Study of the Internal Revenue Code of Puerto Rico (Law 120 of 1994) as amended. Preparation of income tax returns of individuals, corporations, and societies. Analysis of cases resolved by the courts of Puerto Rico that have established jurisprudence in the tax area, as well as provisions of law, regulation, and administrative rules of the PR Department of Treasury. Presentation of the laws of taxes on articles of use and consumption, municipal patents, and property tax. 3 credits.

CON 417 - Federal Taxes

Study of the federal internal revenue code (IRC). Provisions of law and rules established by the Federal Internal Revenue Service relating to taxable income items and income, deductible and non-deductible expenses, and the preparation of income tax returns for individuals and corporations. Analysis of the tax treatment applied to companies and cases resolved by federal courts that have established jurisprudence in the tax area. Integration of IRC Section 936 provisions and Puerto Rico's industrial incentive laws. 3 credits.

CON 419 - Audit (Prerequisite: CON 310)

Conceptual and applied study of contemporary auditing practices. Emphasis on the evaluation of the accounting system and internal controls. Analysis of auditing standards, ethical canons, theory of evidence and application of statistical sampling. 3 credits.

CRE 490 - Interdisciplinary Internship Creative Industries

This course offers the student the opportunity to gain exposure to the real world of the creative industries and interdisciplinary practice within their discipline, applying strategic thinking and using the tools and techniques of their trade to solve problems or needs. This course will require

the student to take part in an internship of 160 hours of professional experience, on the occasion of which they can use the skills and knowledge they developed during their studies in any of the programs offered by the School of Arts, Design and Creative Industries. It is designed to expose the student to the realities of the professional world in the creative industries and to be prepared for their practice after their studies. Boarding is required for all students in undergraduate programs. For Practice Centers, accepting interns can mean the opportunity to bring vitality to the workplace and learn new perspectives for creative problem solving. Offering an internship opportunity to a student is also an opportunity to contribute to the improvement of the profession and offer an additional service to the community. In addition, there is the possibility of 3 credits 45 hours 160 hours of practice (professional internship) completed the 3rd year of curriculum requirements of the VPAA Revised 2022 discipline that internship students can become candidates for employment once they complete their formal education. 3 credits

DAN 101 - Classical technique: Basic Level I

This practical course works with the basic elements and the artistic aspect of the classical dance technique. The student applies the correct use of the basics in the execution of classical ballet terminology. In addition, they develop body awareness of movement in space. 2 credits.

DAN 102 - Classical Technique: Basic Level II (Prerequisite: DAN 101)

This course delves into the basic skills and the artistic aspect of the classical dance technique. It gives continuity to the development of basic concepts and their application. In addition, it allows the student to identify areas of opportunity to strengthen their skills as an artist. 2 credits.

DAN 103 - Contemporary Technique: Basic Level I

Practical course focused on the basics of the contemporary dance technique with emphasis on body and anatomical awareness, efficient use of the center of gravity, movement dynamics, relationship with the floor and weight displacement. The basis of movement vocabulary and course terminology is established. 2 credits.

DAN 104 - Contemporary Technique: Basic Level II (Prerequisite: DAN 103)

Practical course that continues to delve into the basic foundations of the contemporary dance technique with emphasis on body and anatomical awareness, efficient use of the body, dynamics of movement and the use of momentum, as well as the relationship with the floor, space, and other bodies. Movement vocabulary continues to be developed by integrating elements of improvisation. 2 credits.

DAN 111 - Movement Improvisation Laboratory

This course explores the basic tools for improvisation. They are experimented with different sources of stimulation, to achieve the development of presence, body awareness and imagination. Elements of play, somatic exercises and creative tasks are presented to delve into the theoretical-practical study of improvisation in the field of dance. 1 credit.

DAN 201 - Classical Technique: Intermediate Level I (Prerequisite: DAN 102)

This practical course continues with the technical and artistic development of the student at an intermediate level. The terminology of classical dance is applied to further develop the technical skills of execution and interpretation of the classical repertoire. The student is introduced to elements of staging. 3 credits.

DAN 202 - Classical Technique: Intermediate Level II (Prerequisite: DAN 201)

This practical course deepens the training of the classical technique and the artistic and academic aspect at an intermediate level. The correct use of ballet terminology is reinforced, and the strengthening of technical and artistic competences of execution and combinations of movement is promoted. Aspects related to choreographic design are also covered. 3 credits.

DAN 203 - Contemporary Technique: Intermediate Level I (Prerequisite: DAN 104)

Practical course focused on the study of the contemporary technique at an intermediate level. The student begins to train dynamically by cultivating the development of a movement repertoire, as well as an eclectic approach to movement language that draws on modern dance, postmodern dance, and somatic practices to expand their knowledge about the technique. 3 credits.

DAN 204 - Contemporary Technique: Intermediate Level II (Prerequisite: DAN 203)

Practical course focused on the development of the contemporary technique at an intermediate level. The student continues to train dynamically by cultivating the development of a movement repertoire, as well as an eclectic approach to movement language that draws on various contemporary modalities and styles. Improvisation exercises are explored in preparation for the advanced level. Artistic sensitivity and attention are worked on the efficiency of the use of the body. 3 credits.

DAN 205 - Dance: Past, Present, and Future

Theoretical course in which the historical panorama of dance is covered. A chronological journey through the foundational contexts of dance is proposed: its main movements, figures, and evolutions. The trends, debates and impact of different aesthetic manifestations will be examined from a critical perspective. The history of dance is studied in relation to the social, geographical, and political background. Students carry out research and written assignments with the purpose of deepening their knowledge of specific periods and the theoretical approach to dance. 3 credits.

DAN 207 - Motion Analysis

Practical course focused on a somatic approach to the study of movement. The dancer's body is a living organism, where movement dynamics are informed by the anatomy, movement patterns, personal experiences and cultural context. Observation, interpretation, and movement analysis skills are developed through improvisation and composition. The course is nourished by the Alexander Technique, the Feldenkrais Method, the Bartenieff Fundamentals, as well as the Laban-Bartenieff Movement Analysis (LBMA) system among other methods that promote the conscious use of the body for well-being and efficiency. Students learn different practices, from which they study themselves (a) in order to develop their creative research and explore new ways of being and being in the world. 3 credits.

DAN 301 - Classical Technique: Advanced I (Prerequisite: DAN 202)

Practical course that delves into the use of terminology and technical skills of execution and artistic interpretation of an advanced level. The course works segments of the existing classical repertoire and encourages choreographic exploration using elements of the various styles of classical dance. The search for individual artistic development is emphasized, while teamwork is encouraged for the performative experience within classical expression. 3 credits.

DAN 302 - Classical Technique: Advanced II (Prerequisite: DAN 301)

Advanced level practical course in the classical dance technique. Terminology is applied to movement performance and interpretation skills. It also delves into the technical and

interpretative development of classical dance. During the course, the student works choreographies of the classical and neoclassical repertoire while exploring a creative process using the elements of the different genres of classical dance. 3 credits.

DAN 303 - Contemporary Technique: Advanced I (Prerequisite: DAN 204)

Practical course of contemporary dance at an advanced level. Movement skills continue to be developed with greater technical complexity. The student deepens their practice by integrating elements of presence, interpretation, and performance. The course offers a focus on the development of new repertoire, which allows the student to begin to crystallize their own identity as a mover. 3 credits.

DAN 304 - Contemporary Technique: Advanced II (Prerequisite: DAN 303)

Practical course of contemporary dance at an advanced level. The student approaches their dossier of technical knowledge acquired in the previous levels to perform to the maximum within their creative and execution skills within the field of contemporary dance. The course continues with a focus on the diversity of new choreographies and explores training approaches towards the individual expression of the mover-creator. 3 credits.

DAN 310 Directed choreographic processes

Practical course focused on the research, development and creation of original choreographic and performative processes under the direction of the teacher who facilitates the course. In this course, students expand their knowledge of ideation methodologies and theoretical-practical frameworks for artistic research. The experience of the course is based on compositional exercises, physical training, rehearsals, assembly processes and final presentation of the works. 3 credits.

DAN 420 Advanced Techniques - Creation

Practical course in classical dance and contemporary dance techniques that involves the student in his/her technical and artistic development through a collaborative exploratory workshop model. The student approaches his/her archive of technical knowledge acquired in the previous levels to perform to the maximum within his/her creative and execution skills within the field of classical and contemporary dance. It is complemented by the incorporation of other languages and media. The course continues to develop compositional skills and models of creative work and initiates the student in the development of pedagogical and professional practice in dialogue with their technical training. 3 credits.

DES 110 - Sustainable Development: 2030 Agenda

This course introduces students to the concept of sustainable development and the objectives of the 2030 Agenda for Sustainable Development approved by the United Nations. From a systemic approach, aspects of sustainable development related to poverty, inequalities or environmental problems are analyzed. Sustainable development indicators and well-being measurement are also studied. It is a core course for all students of the bachelor's degree in Sustainable Development, which will provide them with the necessary conceptual basis for subsequent courses and a holistic vision of sustainable development. It will be based on lectures, discussion of readings in class and search for information by students. 2 credits.

DES 111 - Pillars of Sustainable Development (Prerequisite: DES 110)

This course is an introduction to the four pillars of sustainable development: economic development, social development, environmental protection, and culture. From the analysis of these dimensions, the causes for the divergence in the development patterns of the different

countries are studied. The course also addresses the analysis of the limits of the planet, the balance of its systems and the role they have in this context in the environment, urban design, energy use, demographic dynamics, education, health, culture, and communication. 4 credits.

DES 213 - Environmental Dimensions of Sustainable Development (Prerequisite: DES 111)

This course delves into the analysis of the aspects of the environment most linked to the objectives of sustainable development. Topics related to energy, resource depletion, environmental pollution, among others, are studied. The course incorporates research exercises and invites the student to actively reflect on the environmental dimensions of their environment in Puerto Rico and the Caribbean. In addition, it stimulates knowledge of successful international experiences of environmental protection and the management of solutions that incorporate elements of design, entrepreneurship, data analysis and technology. 2 credits.

DES 214 - Social Development (Prerequisites: DES 111)

This course addresses the analysis of sustainable development goals in the field of social inclusion, education, health among others. Different aspects of social inequality and the dynamics that generate it are studied, including gender inequality. The role of education and health in this context is analyzed, and aspects that mark public policies are deepened. The course encourages students to actively reflect on their environment and to learn about international experiences of projects aimed at improving education and health of the population or reducing inequalities. This is a core course for the bachelor's in Sustainable Development. 2 credits.

DES 215 - Economic Development (Prerequisites: DES 111)

This course delves into the analysis of economic development, its concept, historical evolution, economic and technological change, among other aspects. It also reflects poverty and the goal of eradicating it from our societies. At the public policy level, it introduces students to the concepts of local development, community development and social entrepreneurship, and leads them to explore different experiences of community economic development programs, both internationally and in Puerto Rico. 2 credits.

DES 216 - Culture and Sustainable Development (Prerequisite: DES 111)

Culture is an essential ingredient in sustainable development processes. This course introduces students to aspects related to cultural heritage, creativity, and cultural expression, and raises its importance in the development of identity. It also studies the importance of cultural industry and tourism for economic development. The analysis of cultural policies considers aspects such as access to culture, freedom of expression and the role of digital platforms. Students have different experiences of cultural programs and policies, both internationally and in Puerto Rico. This is a core course for the bachelor's in Sustainable Development. 2 credits.

DES 317 - Planning and Monitoring of Indicators

This course focuses on the study of indicator planning and monitoring. Students will know the basics of modern planning and its importance. The planning process is analyzed, including the definition of mission, vision, goals, and objectives. It considers how to establish a system of indicators and monitoring that lead to decision making, in the context of strategic management. Finally, some principles and tools for strategic management are established. This is a core course for the bachelor's in Sustainable Development. 2 credits.

DES 318 - Project Evaluation (Prerequisite: DES 111)

Evaluations are essential processes of sustainable development projects, since they allow to demonstrate if they meet the planned goals and objectives, in addition to being an accountability mechanism and a tool to strengthen the structure, mission and services provided by a project. In this course, students are trained in the management of concepts, skills and values related to the evaluation of sustainable development projects. From a practical approach, which incorporates the management of data and application of technologies, the different types and approaches of evaluation are presented, the logical model as a tool for the design of evaluations and the identification of indicators. Students identify quantitative and qualitative techniques that are used to gather information and ways to present the results of an assessment. 2 credits.

DES 419 - The Sustainable City I: Smart and Inclusive Cities (Prerequisite: DES 318)

This course assesses key debates on the development of cities and urban systems. It analyzes the emergence of cities, their historical processes, and current challenges. It addresses the concepts of sustainable, smart, and inclusive city. During the course, students reflect on their environment and study the process of urban development in Santurce. This is a core course for the bachelor's in Sustainable Development. The course has a practical approach, when designing a project to influence the transformation of its environment, promoting diversity and social cohesion through social entrepreneurship. This course is supported and coordinated by the Community Outreach Center (CVC). 3 credits.

DES 420 - The Sustainable City II: Housing, Historic Centers, and Public Spaces (Prerequisite: DES 318)

This course introduces the principles of urban planning. It reflects on the problems of the city, the use of spaces, and the design of sustainable cities. The role of transport within the city is analyzed, as well as transport-oriented urban development (TOD). During the course, students reflect on their environment and know the history of urban planning in Santurce. This is a core course for the bachelor's in Sustainable Development. The course has a practical approach, when designing a project to influence the transformation of the student's environment, from the approach of sustainable development, through a social enterprise. 3 credits.

DES 421 - The Sustainable City III: Transportation, Water, Energy, and Waste Management (Prerequisites: DES 419, DES 420)

This course studies aspects related to the planning of urban systems in different topics. Transportation, water, energy, and solid waste systems are analyzed. Objectives and guidelines for the design of these systems are proposed from a sustainable development approach and cases of interest are studied at local and international level. During the course, students reflect on the environmental challenges and management of urban systems in the context of Santurce. In addition to the discussion of didactic materials in class, students will design a social entrepreneurship project for the management of energy, water, or solid waste in Santurce incorporating technology and data analysis. 3 credits.

DIS 105 - Design History

This introductory course to design aims to provide students with the historical background in the development of current design forms. Significant developments in the history of design in Europe and America from 1850 to the present are presented. The lectures examine a variety of object types and place them within major art and design movements, including Design Reform, Arts & Crafts, Art Nouveau, Bauhaus, Art Deco, Simplification, International Style, Organic Design, Good Design, Industrial Design, Postmodernism, Green Design, and Contemporary

Design. The core objective of the course is to introduce students to the myriad ways in which design interacts with culture and society, and to provide an understanding of the evolving role of the designer in modern society. The course covers a wide range of fields, including art, architecture, fashion, interior design, industrial design, as well as graphic and product design. At the same time, the intersections between design and the Sustainable Development Goals will be explored. Finally, the influence of styles and trends in Puerto Rico, their particularities and relevant artists is discussed. 3 credits.

DIS 110 - Principles of Design

Design, beyond creating aesthetic elements, is the creation of solutions that respond to the analysis of our environment and needs of a specific audience. We could also define it as an expression where aesthetic and functional elements are juxtaposed. This course presents the process of creation from the understanding of the basic elements, to the tangibilization of an idea in its different phases. Students will acquire skills that will help them combine visual and material elements using two-dimensional tools. The basic elements will be studied to understand and use the design principles. Through presentations, practical exercises, criticism sessions and readings, the knowledge acquired will be assessed. This course requires materials and is linked to a manufacturing laboratory. 3 credits.

ECO 201 - Economic Analysis (Prerequisite: ADM 105)

This course presents economic analysis tools that are very useful for entrepreneurs and managers in their decision-making. It discusses the different market structures in current economic models and the different behaviors, consequences, and balances in the relations of producers, consumers, and government. The concepts and tools of microeconomics are developed, and include the problems of economic organization, supply and demand, the behavior of the elasticity of demand, cost and income analysis, price and market structure (pure competition and imperfect monopoly markets, oligopoly and monopolistic competition). 3 credits.

ECO 310 - Contemporary Economic Issues (Prerequisites: ADM 102 o ADM 105 y CON 120)

This course addresses contemporary economic issues that impact global affairs in terms of economic, political, social, cultural, and environmental forces. Topics include economic globalization, distribution of income and resources, today's global business, technological development, environmental concerns, democracy, human rights, geopolitical and trade conflicts, macroeconomic stability, and cultural identity. The methodology used in the course is the socialized discussions from the global economic perspective in the face of contemporary challenges, the achievement of global stability and the world economic order in the long term. This course is aimed at students of Business Administration, and aims to promote discussions of global economic phenomena, and their impact on organizations and business. 3 credits.

ECT 105 - Introduction to Literature

This course revolves around three questions: What is literature? Why is literature written? Why and how is literature read? From a panoramic examination of literary theory and criticism, the student is promoted to develop critical skills of analysis and interpretation through the application of theories and criticisms studied to a selection of assigned literary texts. This course also defines core concepts for literary study, such as literary genres, poetics, aesthetics, stylistics, narratology, discourse analysis, among others. 3 credits.

ECT 110 - Literary Generations and Movements (Prerequisite: ECT 105)

From a comparativist perspective, this course examines the historical development of literary movements and generations from classicism in the eighteenth century to the twentieth century with emphasis on their footprint in Puerto Rico. Emphasis is placed on the characteristics of each movement or generation with the aim of identifying their legacy in the literary production of humanity, through their topics, stylistic resources, characters, or archetypes. With an inclusive perspective, the student should investigate beyond the canon or key figures of each movement or generation to identify diverse voices from each group. Likewise, the integration of contemporary works or popular culture that make revision or intertextual reference to certain movements or generations is promoted. 3 credits.

ECT 115 - Narrative Workshop: The Story

This workshop begins with a panoramic view of the story's origins as a literary genre to its current form. The narratological bases are established, as well as the poetics of the story bequeathed by several authors, so that the student can recognize and subsequently apply the technical elements of this genre. The methodology of the course consists of exploring and practicing the resources and stylistic techniques of the story based on a selection of readings in which these elements are illustrated. Each student will write between 4-6 original stories. 3 credits.

ECT 205 - Panorama of Contemporary Literature (Prerequisite: ECT 110)

In this course, students read and examine fiction, poetry, and creative nonfiction of the contemporary era in Latin American and Caribbean literature both in the region and in the United States, with an emphasis on Puerto Rican literature. Emphasis is placed on the concerns, questions and aesthetic sensibilities that seem to define our current moment in literature. It also integrates the analysis of the relationship between contemporary literature and political, social and community movements, among other emerging issues. 3 credits.

ECT 210 - Narrative Workshop: The Novel

This workshop begins with a panoramic view of the origins of the novel as a literary genre to its current form. The narratological bases are established, as well as the poetics of the novel bequeathed by several authors, so that the student can recognize and subsequently apply the technical elements of this genre. In particular, the distinction of definitions is established according to the length of the text (novel vs. short novel). Also, through a selection of readings, different styles of the genre are studied, such as the romantic novel, gothic novel, detective novel, historical novel, etc. At the end of the course, the student will submit a proposal for a novel that includes the first chapter. 3 credits.

ECT 215 - Language: Philosophy, Norm, and Experimentation

This course studies language as a fundamental tool of creative writing. On the one hand, a selection of concepts from the philosophy of language is discussed, such as: meaning, reference, thought, communication and truth. On the other hand, the distinction between language and mother tongue is established to, from there, elaborate on the normative particularities of Spanish as a mother tongue and the possibilities of linguistic experimentation in the exercise of creative writing. This course is associated with the service of the Language Lab Writing Center. 3 credits.

ECT 220 - Narrative Workshop: Non-Fiction

This workshop makes the distinction between the concepts of fiction and non-fiction. The student explores various areas of nonfiction, such as memoirs, personal essays or travel writing. Starting from the narratological foundations, emphasis is placed on the particularities of the

voice, the point of view and the ethical considerations in this type of writing. Through the reading of a selection of representative works of non-fiction, the student will know models for their own writing. Each student will write between 4-6 original texts. 3 credits.

ECT 310 - Music and Image: Poetry Workshop

In this workshop, the basic elements of poetic writing are practiced through the reading of traditional and contemporary poetic texts of different narratives. Students will experience the development of their own voice in poetry, as well as innovative images. In particular, through writing exercises, students will develop the basic mastery of the structures and basic elements of the poem: person, voice, tone, rhythm, diction, imagery, and figures of speech. 3 credits.

ECT 315 - Journalism and Literature

This course explores the relationship between journalism and literature at different levels: periodicals as a means of distributing literary writing; the convergences between journalism and the genre of the literary chronicle; journalism as the point of origin of the career of several writers, and viceversa; and the literary opportunity of journalistic subgenres such as opinion columns, editorials, and interviews. It also explores the newspaper's role as a memoir and working archive of creative writers. At the end of the course, each student will have completed an investigation of a historical event documented in an old newspaper and will have developed a story or literary essay about it. 3 credits.

ECT 320 Digital Narratives Workshop

This course studies what it means to tell stories in the age of digital media according to communication theory. After establishing the fundamental concepts of digital narrative, and its relationship with those concepts of traditional narrative, each student will practice adapting several narrative texts of their authorship, whether fiction, non-fiction, or poetry, in a digital medium or platform through the use or combination of text, image, audio or video. This workshop emphasizes non-linear narrative as well as user participation in storytelling. 3 credits.

ECT 405 -Write to Act: Script and Dramaturgy

This workshop is structured in two parts with the aim that the student practices the structures of writing scripts for film and television, as well as the dramaturgy or writing of dramatic works to be staged. The course establishes the similarities and particularities of both types of texts. At the end, the student will have developed a script or a short dramatic work. As a rule, this course is taught in the modality of team-teaching. 3 credits.

ECT 410 - Publishing Outlook:The Writer's Job

This course discusses the particularities of the publishing industry in the United States and Latin America, as well as in Puerto Rico. The student will reflect on the different editorial processes and the roles of the editor, the proofreader, and the literary agent in this industry. The emphasis will be on reflecting on what the student's philosophy and role as a writer will be. In a broad way, an examination of the contests, events, initiatives, or cooperatives of relevance in this sector is made. Through the methodology of interviews, field trips and special guests to class, the student will define an action plan for the execution of their literary project. This course is offered in the form of a seminar and is aimed at students of the Creative Writing and Literature program. 3 credits.

EDU 201 - Fundamentals of Education

Study of the concepts and purposes of Education, the historical development of Education from the beginnings of culture to current systems, and Puerto Rican educational trajectory. Emphasis is placed on the philosophical and sociological foundations of education and its greatest

exponents. Emphasis is also placed on philosophical currents and their influence on the vision of the teacher and the school. Influence of social groups in the educational process. Discussion and analysis of the concept of educational policy and the factors that affect its development. 3 credits.

EDU 205 - Education Psychology (Prerequisite: PSI 209)

Study of the variables student, teacher, and teaching-learning process from the perspective of learning theories: psychodynamic and developmental, behaviorist, neo behaviorist, cognitive and humanistic-existential. It emphasizes the basic psychological principles and processes and conditions that facilitate effective learning. The theory of multiple intelligences and attention to diversity in the classroom are discussed. It includes the use of modules on the Web as support. This course requires hours of observation in learning centers. 3 credits.

EDU 226 - Principles Instructional Design (Prerequisite: EDU 205)

In this course, the basic principles of instructional design are represented and discussed. Systems theory and the Systematic Design of Instruction approach are analyzed. It includes discussion and analysis of Bloom and Norman Webb's Taxonomies, task analysis and systematic planning of teaching. The course integrates technological tools to instructional design. Discussion and analysis on the availability and validity of various sources of information and technological tools for use in the classroom. Analysis of techniques, strategies, and educational models. 3 credits.

EDU 292 - Classroom Management (Prerequisite: EDU 226)

The importance and different visions of classroom management for the academic achievement of students are discussed, as well as different theories and research. Application and use of effective strategies in the diversity of situations that the teacher confronts in the classroom. In addition, observation visits are made to the classroom to apply and integrate the techniques presented in real cases. This course requires the active participation of the student in activities outside of course hours to make school visits. Therefore, it is up to the student to schedule the time necessary to meet this requirement of the course. 3 credits.

EDU 301 - Learning Assessment (Prerequisite: EDU 226)

Study and analysis of evaluation as a systematic process integrated into teaching. Assessment techniques such as anecdotal notes, reflective diary, interview, collation sheets, estimation scales, portfolio, formal and informal tests among others. Ethical factors in the selection, administration and interpretation of the information collected. Application and use of assessment strategies to the diversity of situations confronted by the professor. Practice in the use and management of evaluation sheets, curves, and simple statistics such as average mode, median, standard deviation, and others. The advantages and disadvantages of the various types of evaluation are discussed. Discussion on ethical aspects related to the evaluation and management of information. Aspects related to attention to diversity. Visits and observations to the classroom to apply and integrate the techniques presented to real cases. 3 credits.

EDU 306C - Nature, Needs, and Technological Assistance of the Exceptional Student (Prerequisites: EDU 205, EDU 226, and EDU 301)

Global vision of the different exceptionalities. Behavioral and learning characteristics of each condition. Evaluation and diagnosis from clinical and psychoeducational perspectives. Prevention, early intervention, and transition services. Collaborative approach to school, home, and community. Teaching methods, options for placement and use of technological assistance and inclusion. Federal and state laws for people with disabilities. Public and private agencies to help this population. The active participation of students in activities outside the course

hours and the university campus is required, through clinical experiences related to their level of teaching. 3 credits.

EDU 360 Special Education Intervention for the Regular Track (Prerequisite EDU 360C)

This course explores the knowledge, teaching models, and pedagogical strategies that mainstream teachers must master in order to create inclusive learning environments for students with functional diversity. The course includes the design of lessons supported by educational strategies and differentiated assessment, according to the needs, interests, talents and potential of the students. Topics related to inclusion and equity policies, reasonable accommodations, intervention methods, and instruments for differentiating and evaluating special education students placed in the regular classroom will be highlighted. Students are required to actively participate in activities outside of the course schedule and university facilities, through clinical experiences related to their level of teaching. 3 credits.

EDU 408 - Teaching Practice in Early Preschool Education (0-4 Years)

Set of supervised clinical experiences of planning, implementation, and evaluation of curricular and cocurricular teaching and learning activities with the communities of learners in authorized preschool centers (0-4 years). These experiences are coordinated and supervised by certified personnel from the Puerto Rico Department of Education and Sagrado in compliance with current regulations. It is required to fulfill at least 260 contact hours in the practice center at the preschool early education level. Of these, at least 65 hours are in direct facilitation with a group of trainees. The total hours are fulfilled in 4 hours from Monday to Friday during a school term. It includes a seminar of facilitation, follow-up, and support to students to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the praxis of the profession, as well as to motivate the disposition and love for education. 6 credits

EDU 410 - Teaching Practice in Early Education: Primary Elementary (K-3rd)

Set of supervised clinical experiences of planning, implementation, and evaluation of curricular and cocurricular teaching and learning activities with the communities of learners in authorized centers of primary elementary level (K-3). These experiences are coordinated and supervised by certified personnel from the Puerto Rico Department of Education and Sagrado in compliance with current regulations. It is required to fulfill at least 260 contact hours in the practice center. Of these, at least 65 hours are in direct facilitation with a group of trainees. The total hours are fulfilled in 4 hours from Monday to Friday during a school term. It includes a seminar of facilitation, follow-up, and support to students to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the praxis of the profession, as well as to motivate the disposition and love for education. 6 credits.

EDU 411 - Teaching Practice in Early Education: Elementary (4th-6th)

Set of supervised clinical experiences of planning, implementation, and evaluation of curricular and cocurricular teaching and learning activities with learner communities in elementary level centers (4th-6th). These experiences are coordinated and supervised by certified personnel from the Department of Education of Puerto Rico and Sagrado in compliance with current regulations. It is required to fulfill at least 260 contact hours in the practice center. Of these, at least 65 hours are in direct facilitation with a group of trainees. The total hours are fulfilled in 4 hours from Monday to Friday during a school term. It includes a seminar of facilitation, follow-up, and support to students to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the praxis of the profession, as well as to motivate the disposition and love for education. 6 credits.

EDU 412 - Teaching Practice in Fine Arts (K-12)

Set of supervised clinical experiences of planning, implementation, and evaluation of curricular and cocurricular teaching and learning activities with communities of learners in authorized centers that provide Fine Arts (Visual Arts, Theater, Music or Dance) at the K-12 level. These experiences are coordinated and supervised by certified personnel from the Puerto Rico Department of Education and Sagrado in compliance with current regulations. It is required to fulfill at least 260 contact hours in the practice center. Of these, at least 65 hours are in direct facilitation with a group of trainees. The total hours are fulfilled in 4 hours from Monday to Friday during a school term. It includes a seminar of facilitation, follow-up, and support to students to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the praxis of the profession, as well as to motivate the disposition and love for education. 6 credits.

EIN 110 - Introduction and Theories: International Relations and Globalization

This course presents the most transcendental topics of the international panorama and the fundamental theories of the discipline for their interpretation and analysis. It explores the structures and processes that led to the present international order (globalization, global security, the development of international law, international organizations, etc.) and the most pertinent problems and issues of contemporary international politics (climate crisis, nationalism, supranationalism, human rights, nuclear proliferation, among others). 3 credits.

EIN 205 - Introduction and Theory: Global Communication (Prerequisite EIN 205)

The course critically examines the role of global communication in shaping international politics, security, social activism, and cross-border cultural practices. We will engage with international communication practices, as presented by different actors, including nation-states, transnationals, non-governmental organizations (NGOs), activists, and cultural producers. The object of study is analyzed through a focus on critical theory and social theory. Students on the course leave well-versed in various implications of global communication, theoretically grounded in different conceptual frameworks of the field, and ready to incorporate international communication into their career paths. 3 credits.

EIN 210 - Science, Technology, and International Relations (Prerequisite: EIN 110)

This course introduces the most important topics in science, technology, and innovation (STI) studies and their relationship to international politics and globalization. The course begins with a theoretical inquiry into the philosophy of science and the role of technology in society. Therefore, it is essential to understand the conversation between these epistemological and ontological debates with international relations (IIRR) and the phenomenon of globalization. From there, we move on to specific issues in which STI impacts IIRR and vice versa. 3 credits.

EIN 215 - Global Political Economy (Prerequisite: EIN 110)

This course examines the role of the state in the world economy, the evolution of the international division of labor, the development of the institutional structures governing world economic policy, and their modes of internationalization. The course works on concepts related to international political economy, the relationship between power and wealth, market and governments, market, and democracy. It also studies how interests between politics and economics are defined and how and why international economic policies are established. 3 credits.

EIN 300 - Public Policies and Information Technologies (Prerequisite: EIN 210)

This course explores perspectives in the process of making and implementing public policy using conceptual frameworks including political science, concepts of economics and markets, business, and project management. In this process, the influence of Digital Information and Communication Technologies (ICT) is essential to clarify and inform citizens about the purpose, implementation, and impact of public policies. Therefore, the course seeks the study of the formulation and elaboration of public policies and their dissemination through ICTs. The implementation and results of public policy are constantly changing, so the course focuses on the study and movement towards greater use of evidence in the design, manufacture, and implementation of policies. The course focuses on the debate between the rational conceptual view of policies, on the one hand, and on the other a historical view and social construction of the elaboration and implementation of these and inform citizens about public policies. 3 credits.

EIN 301 International Law

Description and legal analysis of the concepts, principles and problems that arise from the relations between subjects of Public International Law. 3 credits.

EIN 305 - International Culture and Communication (Prerequisite: EIN 205)

This course is about how culture and communications affect international relations. Through discussion and analysis of concepts and situations, it explores the changing role of culture in relations between nations and individuals across national borders and how international cultural interaction affects events and trends globally. It also analyzes how the globalization of telecommunications has changed patterns of international interaction, the development of the media as hotbeds of influence and dissemination of ideas, and international efforts to regulate and control the flow of information. 3 credits.

EIN 409 - Diplomacy in Science, Technology and Communications

This course addresses the role of communication in the dissemination of diplomacy in science and technology in the twenty-first century. It studies the communication scenarios of the various actors involved in the exchange of research and innovation of knowledge, international public policies to address conflicts and cooperation for the advancement of science and technology, as well as their dissemination and promotion through the study of cases and practice exercises, among others. The course is aimed at students majoring in International Studies and Global Communication. 3 credits.

EIN 410 - International Journalism (Prerequisite: EIN 409)

This course raises the impact of foreign correspondents and international news, emphasizing case studies of current affairs. As a seminar, the direction, flow, and pattern of correspondent coverage are analyzed. International issues are studied with the aim of acquiring an analytical and critical perspective of the media. The course takes an international approach, contrasting the differences between cultures and journalistic approaches. While current issues are studied, the news generated by each of them is also analyzed in real time. 3 credits.

ENF 101- Fundamentals of Nursing

This course is the basis of nursing knowledge and skills. It includes the integration of concepts from physical, biological, behavioral sciences, ethical-moral and legal aspects, history, nursing practice standards, evidence-based practice, the health-disease continuum and the process of growth and development. In addition, it trains the student in the development of competencies

necessary for the care of the individual, family and community by applying the nursing process and the adaptation model of Sister Callista Roy. 3 credits.

ENL 101 - Fundamentals of Nursing Clinical

This course develops in the student the basic clinical skills of nursing. It includes the integration of concepts from physical, biological, and behavioral sciences, ethical-moral and legal aspects, nursing practice standards, evidence-based practice, the health-disease continuum and the process of growth and development. In addition, it trains the student in the practice and development of skills necessary for the care of the individual, family and community applying the nursing process and the adaptation model of Sister Callista Roy, in real scenarios. 4 credits

ENF 102 - Students and Their Adaptation in Nursing (Prerequisites: Recommended for students who substitute or validate ENF101- Fundamentals of Nursing).

This course includes the integration of the concepts of nursing history, ethical-moral and legal aspects, standards of practice; theories of nursing, growth, and development, teaching, and learning; communication, nutrition, fluid and electrolyte balance and the infection process. In addition, it trains the student in the application of the nursing process using the theory of Sister Callista Roy. 2 credits.

ENF 108 - Adult Medical Surgical Care (Prerequisites: ENF 101, BIO 101)

Emphasis on pathophysiological disorders that affect the adaptation of the individual across the health-disease continuum during the adult life cycle. Uses the nursing process as a method of solving problems and as an instrument for nursing care. Nonadaptive behaviors in the integumentary, musculoskeletal, urinary, reproductive, gastrointestinal, endocrine, sensory, respiratory, immunological, cardiovascular, hematological, lymphatic, neurological and surgical phases are studied. It emphasizes research from the perspective of case studies and ethical aspects in patient care. 8 credits

ENF 118 - Nutritional Implications in Nursing (Prerequisite: ENF 101 o ENF 102)

The course contains aspects of nutrition based on the nursing process for the maintenance of health during the stages of growth and development. It includes disease prevention interventions, diet-therapy in health adaptation problems in the health-disease continuum. 3 credits.

ENF 201 - Mother, Newborn, and Family Care (Prerequisites: ENF 101, ENF 108, ENF 231)

This course promotes the adaptation of the pregnant family through knowledge and development of skills. The evolution of the maternal concept throughout history is considered. The biopsychosocial aspects of normal and high-risk pregnancy are emphasized, as well as maternal and neonatal nutrition. The family process and the impact of cultural diversity on family structure, family planning, emotional aspects of the pregnant family and puerperium are discussed. Ethical-legal aspects in maternal and neonatal care are considered. Maternal disorders such as diabetes, heart problems, toxemia, functional and hormonal disorders, and healthy newborn are discussed. In addition, ineffective, physical, and emotional behaviors during the three trimesters of pregnancy and the effects of sexually transmitted diseases on the mother and fetus are included. 7 credits

ENF 204 - Pediatric Nursing (Prerequisite: ENF 201)

The course emphasizes the most common pediatric conditions according to the stage of growth and development. It trains the student in the use of the nursing process in clinical practice to promote the adaptation of the child and family, and in the solution of problems as an instrument for nursing care considering the aspects: ethical-legal, social, moral, spiritual, palliative care

and values in various health and community scenarios. The application of the nursing process in the child who experiences nonadaptive behaviors from the neonatal stage to adolescence is discussed, considering the modes of adaptation and stimuli. 7 credits

ENF 205 - Psychiatric Nursing (Prerequisite: ENF 108)

This course emphasizes pathological disorders that affect the individual's adaptation across the health-disease continuum. It uses the nursing process as the method of solving problems and as an instrument for nursing care. It will be applied to individuals who present maladaptive behaviors in the psychosomatic system in different health scenarios. It requires the application of ethical-moral, and legal aspects when intervening with the patient, family, and community. 7 credits

ENF 206 - Physical Estimation (Prerequisites: BIO 101, ENF 101 o ENF 102; Corequisite ENL 206)

This course trains the student to perform the basic competencies of the physical estimation. Students develop critical thinking and specific techniques to perform the health history and physical estimate of the adult client, in the stages of growth and development of the adult. The findings are used to identify adaptation problems and ineffective behaviors to establish nursing diagnoses, objectives, and interventions in order to develop the nursing process, in order to provide excellent holistic care. 2 credits.

ENL 206 - Clinical Physical Estimation (Prerequisite: BIO 101, ENF 101; Corequisite: ENF 206)

In this course students develop the essential competences when making the physical estimation. Students apply the knowledge acquired using critical thinking and specific techniques when making the health history and physical estimation of the adult client, in their different stages of growth and development. Uses their findings to identify adjustment problems and ineffective behaviors to establish nursing diagnoses, objectives, and interventions, when planning client care and using the nursing process, providing excellent holistic care. 1 credit

ENF 230 Physiopathology - Theory (Prerequisites: BIO 102)

The purpose of this course is to develop the skills necessary for learning, taking into consideration the stages of growth and development. The human being is holistic, therefore, affected by the interaction with their environment, society, deviations in the continuum, health-disease, ethical, moral, and legal aspects. Through the learning experiences, the nursing process is developed focused on the estimation of behaviors and stimuli related to alterations in functioning, in the physiological mode of the organism, as well as estimation diagnosis and treatment of these. 3 credits.

ENF 231 Pharmacology (Prerequisites: QUI 118)

The course includes the integration of fundamental knowledge of the history, safety, standards, and ethical-legal, moral, social, cultural, and spiritual aspects of pharmacology. It provides knowledge about the indications, pharmacodynamics, and effects of medications during the growth and development stages of the individual. It emphasizes the application of the nursing process when preparing and administering drugs in the different systems according to the category to promote the adaptation of the individual, through the procedures and practice of these skills. 3 credits.

ENF 301 Maternity (Prerequisites: ENF 342, ENL 342)

This course promotes the adaptation of the pregnant family through knowledge and development of skills. The evolution of the maternal concept throughout history is considered.

The biopsychosocial aspects of normal and high-risk pregnancy are emphasized, as well as maternal and neonatal nutrition. The family process and the impact of cultural diversity on family structure, family planning, emotional aspects of the pregnant family and puerperium are discussed. Ethical-legal aspects in maternal and neonatal care are considered. Maternal disorders such as diabetes, heart problems, toxemia, functional and hormonal disorders, and healthy newborn are discussed. In addition, ineffective, physical, and emotional behaviors during the three trimesters of pregnancy and the effects of sexually transmitted diseases on the mother and fetus are included. 3 credits.

ENL 301 Maternity - Clinical (Prerequisites: ENF 342, ENL 342)

This course develops in the student clinical skills necessary to provide excellent care to the pregnant family. Skills related to the complicated pregnant mother, patient during the labor and postpartum process (c/s or vaginal) and immediate neonatal care and during admission are emphasized. 4 credits.

ENF 341 Medicine and Surgery I (Prerequisites: ENF 101 o ENF 102, ENL 101, BIO 101)

Provides knowledge about nursing care considering the stages of growth and development of the adult client. It emphasizes the nonadaptive behaviors of protection, activity and rest, endocrine function, elimination, and nutrition. In addition, it includes various theories of growth and development, neoplasms, and pre, intra- and post-surgical care. Promotes adaptation by applying the nursing process. 3 credits.

ENL 341 Medicine and Surgery I (Prerequisites: ENF 101 o ENF 102, ENL 101, BIO 101)

The course provides practical experiences on nursing care considering the stages of growth and development of the adult client. It emphasizes adaptive modes of protection, activity and rest, endocrine function, elimination, and nutrition. In addition, it includes the application of the nursing process with adult clients in the surgical process and suffering from neoplasms. The practice promotes adaptation by applying the nursing process. 4 credits.

ENF 342 Medicine and Surgery II (Prerequisites: ENF 341, ENL 341 ENF 231, ENF 206, ENL 206, ENF 230, BIO 101)

Provides knowledge about nursing care taking into consideration the stages of growth and development of adults and the elderly. It emphasizes physiological modes of oxygenation, neurological, sensory, and endocrine. Promotes adaptation by applying ethical-moral and legal aspects when using the nursing process. 3 credits.

ENL 342 Medicine and Surgery II (Prerequisites: ENF 341, ENL 341, ENF 206, ENL 206, ENF 230, ENF 231)

It provides the knowledge for the integration of concepts, theories and skills when performing nursing interventions taking into consideration the stages of growth and development of adults and the elderly. It emphasizes physiological modes of oxygenation, neurological, sensory, and endocrine promoting interprofessional relationships, research findings to offer quality care and safety. It facilitates adaptation by applying ethical-moral and legal aspects when using the nursing process. 4 credits.

ENF 349 Mental Health (Prerequisites: ENF 342, ENL 342, PSI 201)

In this course the student analyzes the psychopathological behaviors that hinder the client to adapt in the health-mental illness continuum. It emphasizes the ethical-moral and legal aspect when intervening with the client, family, and community. It visualizes the individual, family, and community as biopsychosocial entities with nonadaptive behaviors in the mental health continuum interacting with the environment. It includes fundamentals of psychiatric nursing,

psychopathologies, and therapeutic modalities, using as theoretical references in psychiatric nursing and psychology, for the application of the nursing process. 3 credits.

ENL 349 Mental Health - Clinical (Prerequisites: ENF 342, ENL 342, PSI 201)

In this course, the student's clinical experiences will be in acute and/or community settings. The student can conduct comprehensive client evaluations, plan and implement care, and develop therapeutic communication skills with clients, family, and interprofessional team. Clinical practice requires the participation of students in activities outside the course hours and the dependencies of the University, so the necessary time must be allocated to fulfill them. It emphasizes the participation of the student in research projects that are developed in organizations of the external community through the modality of service learning. Credits: 3 credits.

ENF 402 Pediatrics (Prerequisites: ENF 301, ENF 349, ENL 349)

The course leads the student to visualize the child through the different stages of growth and development within the health-disease continuum. It emphasizes disease prevention, health promotion, and rehabilitation of the child grounded in evidence-based practice. It trains the student in the use of the nursing process to promote the adaptation of the child and family and in the solution of problems as an instrument for nursing care considering the ethical-legal, social, moral, and spiritual aspects and values. The application of the nursing process in the child who experiences nonadaptive behaviors from the neonatal stage to adolescence is discussed, considering the modes of adaptation and stimuli. 3 credits.

ENL 402 Pediatrics - Clinical (Prerequisites: ENF 301, ENF 349, ENL 349)

The course leads the student to visualize the child in clinical practice through the different stages of growth and development within the health-disease continuum. It emphasizes disease prevention, health promotion, and rehabilitation of the child grounded in evidence-based practice. It trains the student in the use of the nursing process to promote the adaptation of the child and family and in the solution of problems as an instrument for nursing care considering the ethical-legal, social, moral, and spiritual aspects and values. The application of the nursing process in the child who experiences nonadaptive behaviors from the neonatal stage to adolescence is discussed, considering the modes of adaptation and stimuli. 4 credits.

ENF 434 Theories and Administrative Practices of Nursing Services (Prerequisites: ENF 402, ENL 402, ENF 440, and a statistics course)

Discussion of theoretical frameworks and fundamental concepts of management practice such as group, leadership, evidence-based practice, decision making; process of change, organization; teaching-learning and critical thinking. The student applies their skills and knowledge to act as a leader of the nursing team in different health scenarios. It integrates the theoretical aspects of the course and the adaptation theory of Sister Callista Roy with the practical experience of participating in the service-learning modality in the hospital agency. 3 credits.

ENL 434 Theories and Administrative Practices of Nursing Services - Clinical (Prerequisites: ENF 402, ENL 402, ENF 440 and a statistics course)

In the clinical course, the student applies the theoretical frameworks and fundamental concepts of management practice such as group, leadership, research, evidence-based practice, decision making; process of change, organization; teaching-learning and critical thinking. The student applies their skills and knowledge to act as a leader of the nursing team in different health scenarios. It integrates the theoretical aspects of the course and the

adaptation theory of Sister Callista Roy with the practical experience of participating in the service-learning modality in the hospital agency. 3 credits.

ENF 440 Community Health (Prerequisites: ENF 301, ENL 301)

This course provides the student with the necessary knowledge to promote the adaptation process of the individual, family, and community. It covers nursing roles in promotion, health maintenance, disease prevention, and rehabilitation through the nursing process and Sister Callista Roy's adaptive theory in the community. Different situations, interventions and evidence-based practice literature are studied, so that the student relates to the actual work situations established to understand how the individual, family and community adapt to their environment. This content helps and facilitates the development of ethical-moral and legal concepts when offering services to the community. In addition, it allows students to develop a sense of awareness and social responsibility, while strengthening leadership competence initiated in other courses, self-esteem, and self-confidence. It allows the student to internalize decision-making processes in problem solving and teamwork. 3 credits.

ENL 440 Community Health - Clinical (Prerequisites: ENF 301, ENL 301)

This course provides the student with the opportunity to put into practice the knowledge and skills learned, to promote the adaptation process of individuals, families, and the community. Develops nursing roles in promotion, health maintenance, disease prevention and rehabilitation by applying the nursing process and adaptation theory of Sister Callista Roy in the community. The student has the opportunity to analyze and discover different situations and intervention alternatives, applying the findings of evidence-based practice research, so that it relates to the real problems established and understands how the individual, family and community adapt to their environment. These experiences facilitate the development of ethical-moral and legal concepts when offering services to the community. In addition, it allows students to develop a sense of awareness and social responsibility, while strengthening leadership, self-esteem, and self-confidence. Uses decision-making in problem solving and collaborative and teamwork skills. 2 credits.

ENF 480 - Integrative Seminar (Prerequisites: ENF 341, ENL 341, ENF 342, ENL 342, ENF 301, ENL 301, ENF 349, ENL 349, ENF 402, ENL 402, ENF 440, ENL 440, ENF 434, ENL 434)

The course integrates the theoretical and practical concepts of the core education curriculum into the nursing discipline. It synthesizes the ethical-legal concepts related to leadership and general nursing roles. It includes aspects of critical thinking, research, trends and controversies of the profession, interdisciplinary communication, technological advances, safety, and image of the nursing professional. Emphasizes values and value-based behaviors as a member of a profession. It analyzes the theoretical and programmatic controversies of professional nursing and evidence-based health care practice, cultural diversity, and research. It emphasizes nurse practitioner development that encompasses lifelong learning, social and gender controversies and exemplifies the values of the profession. 3 credits.

ENT 105 - The Business of Arts and Entertainment

This course discusses the profile and importance of the arts and entertainment industry and addresses its main characteristics. The historical background of the industry and its evolution is discussed, as well as a broad categorization of artistic, sports and entertainment activity as a conglomerate of sectors where development opportunities exist. The main players involved in the industry are discussed, their value chain and latest trends are analyzed. 3 credits.

ENT 205 - Management of Arts and Entertainment Companies (Prerequisite: ENT 105)

This course studies the different managerial aspects involved in the administration of a company in the arts and entertainment industry. The main functions of the managerial activity are presented, as well as its functional areas of production, finance, human resources, accounting, marketing, and compliance. Aspects related to organizational leadership and business planning for projects in the industry and its sectors are discussed. The course includes the discussion of the main managerial challenges of these companies in the local and international context. 3 credits.

ENT 210 - Public, Legal, and Ethical Aspects in Arts and Entertainment

This course studies the public, ethical and legal issues involved in the creation and production of artistic and entertainment activity. The current legislation related to the culture and management of this type of company in Puerto Rico is discussed. The contracting processes, registrations, incentives, intellectual property, copyright, trademarks, among others, are also analyzed. The different legal structures that affect the sector are addressed, as well as ethical debates on industry practices and recommendations to promote inclusion, diversity, and equity. 3 credits.

ENT 215 - The Music Business

This course explores the basic tools of the music business, music companies and entrepreneurship in the sector. It focuses on the evaluation of the role of the musician in the business environment. The approaches used for the management of music organizations are examined, including decision-making, negotiation, and business model presentation and evaluation skills. The different modalities of business and value chain development in the music industry are evaluated. It delves into the aspects related to the legal framework while integrating the economic, managerial, cultural consumption aspects. 3 credits.

ENT 220 - Sports Management (Prerequisite: ENT 105)

This course exposes the student to the profession of management in sports activity. Its primary focus is on the sports industry, including professional sports, amateur sports, for-profit sports involvement, non-profit sports participation, tourism, and sports services. The course will discuss relevant cases locally and internationally and will include the creation of projects for real companies. 3 credits.

ENT 305 - Talent Representation (Prerequisite: ENT 105)

Study of media structures, new business models and the representation of musical artists, dramatizers, writer-screenwriters, and other public figures. The course focuses on making a systematic analysis of the different aspects of marketing and income generation in the entertainment industry and exposes the student to make real and practical plans. The course offers a study of the theoretical foundation, techniques, and skills necessary for development in the area of promotion and marketing to forge and maintain a sustainable career in arts and entertainment from the metamorphosis that the industry has experienced in recent years. 3 credits.

ENT 390 - Special Topics in Arts and Entertainment

This course allows the student to address different topics of relevance to the business of art and entertainment. The course will be able to include topics on sectors such as event production, and industries such as music, theatre, media, design, and other creative industries. In addition to the sectors, special topics will be addressed in managerial areas such as marketing, finance, project management and operational aspects. The topics will be addressed according to their relevance at the time of their offering. 3 credits.

ENT 405 - Business Models and Digital Marketing in Arts and Entertainment (Prerequisite: ENT 205)

The course focuses on the application of the main business models in arts and entertainment companies that allow defining their long-term economic sustainability. Business models are classified according to the type of final product, including objectives, services, digital content, and experiences. The course addresses the advantages and disadvantages of the main traditional and digital models and their application in the student's entrepreneurship project. As part of the knowledge necessary for the implementation of these models, the design and execution of digital marketing strategies for different platforms and social media that facilitate the conversion of audiences into customers is discussed. 4 credits.

ESP 106 - Read to Write

This is a reading and writing workshop in which texts that serve as models for students to write their own writings are analyzed. Reading comprehension is emphasized and exercises are assigned to strengthen written communication skills. Through the readings, the appreciation of ethical and aesthetic values and their application to life is encouraged. 3 credits

EXP 100 - The Panorama of the Visitor Economy

This course is an approach to the study of visitor economics. A general approach to the tourism sector is presented through its central themes. Tourism is considered as a system and activity and explores why people travel, who are tourists, the products and services offered by tourism, what is the role of intermediaries, tourist spaces, tourism infrastructure, and their impacts, challenges, and opportunities. It examines tourism organizations of global relevance and analyzes the statistical sources of the industry. The relationship between principles and concepts and the practical part is used, paying attention to new trends and the role of technology. With this, it is interested in generating in the student a thorough knowledge of the tourism sector and its operation to identify new development opportunities. 3 credits.

EXP 150 - The Economy of Events and Experiences

This course studies and analyzes the concept of events and associates them with the economy of experiences. Its objectives and functions are explored, and its different typologies are examined. It seeks to make the student aware of the fundamentals and historical development of event production to identify future opportunities. It also explores the role of events as promoters and as persuasive elements for local and international tourism activities. In addition, its impact is addressed from an economic, cultural, and social perspective. The course, through theory and research, favors the student's understanding of the events industry and its importance today. 2 credits.

EXP 225 - Design and Development of Experiences (Prerequisite: EXP 150)

This course is an approach to the concept of experiences and their importance in the generation of products and services for different sectors of the economy. The course is directed towards the design, development, and evaluation of experiences in the context of tourism and events with a sustainable perspective. With a focus on critical and creative thinking, and supported by practical exercises and case studies, the student knows the contexts of tourist participation and management, and the strategic elements necessary for the generation of quality experiences. Thus, the student accumulates the necessary tools to design experiences for various purposes within the tourism and events sectors. 3 credits.

EXP 275 - Image, Brand, and Destination Management (Prerequisite: EXP 100)

This course pays attention to the concept of the tourist destination and includes both its management and its marketing. Thus, it focuses on the planning, implementation and

evaluation of measures applied to the management of the destination. Likewise, it focuses on the strategy and brand direction of the destination (place branding) and its operational part to achieve a differentiation from the competition and a good positioning through its image. With the help of a theoretical and empirical perspective, the course provides the student with the mechanisms for a better understanding of tourist destinations, their functions and marketing. 3 credits.

EXP 290 - Opportunities Seminar I (Prerequisite: EXP 100)

This course, which the student must enroll up to twice, has the purpose of expanding their knowledge in reference to specific topics within the field of experiences. Each one is presented as an opportunity to deepen and investigate different typologies, mainly within tourism. The historical evolution and theoretical framework (concepts, principles, philosophy, etc.) of each area are studied. Its practice is analyzed, paying attention to the products/services, forms, management, policies, and scope. Tourists/markets are approached by examining aspects ranging from motivation to on-site experience. Trends are identified and the possibilities of their future are glimpsed. Likewise, the impacts and debates it generates and its relationship with the local community and the environment are considered. All this through theory and the help of examples based on the reality of different tourist destinations both locally and internationally. These courses work with sub-segments of tourism and experience production that include cultural tourism, festivals, sporting events, recreational activities, meetings, conventions, and adventure tourism, among other trends and practices. The course offering specifies the main topic to be worked on. 2 credits.

EXP 291 - Opportunities Seminar II (Prerequisite: EXP 100)

This course, which the student must enroll up to twice, has the purpose of expanding their knowledge in reference to specific topics within the field of experiences. Each one is presented as an opportunity to deepen and investigate different typologies, mainly within tourism. The historical evolution and theoretical framework (concepts, principles, philosophy, etc.) are studied. Its practice is analyzed, paying attention to the products/services, forms, management, policies, and scope. Tourists/markets are approached by examining aspects ranging from motivation to on-site experience. Trends are identified and the possibilities of their future are glimpsed. Likewise, the impacts and debates it generates and its relationship with the local community and the environment are considered. All this through theory and the help of examples based on the reality of different tourist destinations both locally and internationally. These internships include cultural tourism, festivals, sporting events, recreational activities, meetings, conventions, and adventure tourism, among other trends and practices. 2 credits.

EXP 315 - Production of Events (Prerequisite: EXP 150)

This course allows the student to address different topics of relevance for the design of experiences with emphasis on the production of events and activities that positively impact tourism. The course may include topics on hotel management, marketing of tourism, managerial and technical aspects of the production of events and experiences, and legal and public policy aspects, among others. 4 credits.

EXP 350 - Innovation and Digital Experience (Prerequisite: EXP 225)

The course provides a look at the ways in which innovation, technology and communication can serve as strategic tools for the development of tourism and the production of events and experiences in a sustainable way. It covers a variety of topics related to technological advances to support the tourist experience: artificial intelligence, the digital world, virtual reality,

applications, collaborative economies, the use of social networks, and big data. It also seeks to examine new forms of governance that help dismantle traditional barriers and promote collaborations. This course provokes a critical reflection on ethics and authenticity, proposing the use of technology as a means and not as an end. The objective is for the student to understand the importance of generating smart destinations and economies through innovation, creativity, and an entrepreneurial spirit. 2 credits.

EXP 390 - Special Topic Seminar (Prerequisite: No Prerequisite for Event Production | EXP 275 for Experience Design: Tourism and Events)

This course allows the student to address different topics of relevance for the design of experiences with emphasis on the production of events and activities that positively impact tourism. The course may include topics on hotel management, marketing of tourism, managerial and technical aspects of the production of events and experiences and legal and public policy aspects, among others. Topics are addressed according to their relevance at the time of their offering. 3 credits.

EXP 425 - Tourists and Hosts: Opportunities and Challenges (Prerequisite: EXP 275)

On the one hand, the course examines the motivations and behaviors of tourists in relation to the destinations they visit, their products and services, and the way they communicate and evaluate their experience. On the other hand, it explores the relationship between tourists and hosts, their challenges, and opportunities. The position of the premises in relation to tourism activity and the idea of sustainable tourism as an alternative for communities and the eradication of poverty are addressed. Research is carried out on the challenges of sustainability, legal aspects, and public policies regarding tourism with the aim of generating a satisfactory and sustainable coexistence. In the end, the student manages to have a critical vision of the relationships between tourists and hosts and obtain adequate tools to work on the different situations that arise as a result of the interaction of both groups. 3 credits.

FIL 114 - Women Philosophers

Interdisciplinary course in which the presence, importance and specificity of female philosophical thought and its influence on the conceptualizations and methodologies of cultural sciences are studied. The main themes and results of his thought are studied throughout history from antiquity to contemporary times. The presence of women in philosophical thought is analyzed from a triple perspective: the critique of patriarchal rationality, the thematic and stylistic particularities of women's discourse in philosophy, and the themes and characteristics of women's discourse on women as subjects and objects of thought. 3 credits.

FIN 305 - Managerial Finance (Prerequisite: CON 120)

This course offers a balanced discussion of financial markets, investments, and financial management. It also presents the main concepts of finance and the role and functions of the financial system from a comprehensive perspective so students can understand how markets and financial institutions impact the economy, individuals, organizations, and businesses. Students will analyze the most common financial policies in financial markets, their instruments, intermediaries, and institutions. Funds management, financing companies, and the ethical aspects of the financial decision-making process are also discussed. Different techniques are used to evaluate the financing of a company's assets, its risks, and the performance of projects. Students will use MS Excel and different financial and technological applications throughout the course. The course is designed for Business Administration students to expose them to the financial decision-making process. 3 credits.

FIS 203 - General Physics I (Prerequisite: MAT 201)

Physics course developed in theoretical and experimental form where the methodology of active learning is used so that science students acquire knowledge about kinematics in one and two dimensions, dynamics, circular motion and gravitation, work and energy, particle systems and conservation of linear momentum, kinematics and rotational dynamics, angular momentum and torque, balance of rigid bodies, and fluid mechanics. 4 credits.

FIS 204 - General Physics II (Prerequisite: FIS 203)

This course is the continuation of General Physics I. This course is also developed in a theoretical and experimental way where the active learning methodology is used so that science students acquire knowledge about oscillations and waves, geometric optics, as well as electromagnetic nature that are described as follows: oscillations and waves, principles of electricity and magnetism, electric strength and potential, Gauss's law, capacitance and dielectric materials, current and resistance, direct current circuits, magnetic forces and fields, Ampere and Faraday laws, inductance and alternating current circuits, electromagnetic waves and geometric optics. 4 credits.

FOT 110 - Past and Present of the Image

This course consists of a theoretical compendium of the historical development of the first photographic processes in Europe and the United States. It emphasizes the development and evolution of ancient methods and how they are used today. In addition, it presents examples that document the most important photographic styles and the contributions of the Master of Photography, from Joseph Nicéphore Niépce to the present day. 3 credits.

FOT 115 - Negative, Impression, and its Digital Application

Study of the theoretical and technical foundations of black and white photography and its application to digital language. Practical experience in the use of 35mm equipment and sensitive materials. In addition, it emphasizes the behavior of natural light, the development of basic developing and printing techniques, and the aesthetic appreciation of photographic works. Requires 35mm SLR camera with manual measurement system and analog laboratory. 3 credits (80 hours of analog laboratory).

FOT 210 - Digital Language (Prerequisite: FOT 115)

Global vision of the history of photography to the digital age. Proper use of cameras and photographic accessories. Application of fundamental techniques in the digital photographic process and the development of basic and secure digital editing skills to tell stories in one or a series of images. Requires DSLR camera with manual measurement system, about 12 megapixels and digital lab hours. 3 credits (80 hours of digital lab).

FOT 215 - Lighting for the Still Image (Prerequisite: FOT 210)

The course combines theory with practical aspects of techniques and equipment used in still image creation. Practice in the use of natural lighting, tungsten light, HMI, electronic LED, and flash, indoors and outdoors. Emphasis on the elaboration of corporate portraits, talents, and small products. Development of aesthetic, practical and professional appreciation of commercial, corporate, and personal photography. Requires DSLR camera with manual measurement system, about 12 megapixels, and laboratory. 3 credits (80 hours of digital lab).

FOT 310 - Digital Imagery (Prerequisite: FOT 210)

This course consists of teaching advanced techniques in the digital information process. Practical experience is encouraged, and emphasis is placed on composition and creativity to produce digital photographs and photomontages for commercial or artistic purposes. It is

important that the student makes appropriate use of cameras, photographic accessories, and digital editing techniques. In addition, a basic portfolio is developed. Requires DSLR camera with manual measurement system, about 12 megapixels, and digital laboratory. 3 credits (80 hours of digital lab).

FOT 315 - Contemporary Documentary (Prerequisite: FOT 215)

Basic foundations on the history of documentary photography and its role in contemporary society. Application of conceptual and practical elements for the creation of both printed and digital editorial content. It encourages research for the development of visual stories that, in addition to speaking, delves into the social reality of a given group and their ways of life. Document the day-to-day life of someone or something with a specific purpose, looking for the causes and consequences of what they are portraying. Emphasis is placed on the appropriate use of cameras, props, and techniques in multiple documentary coverage scenarios. Requires DSLR camera with manual measurement system, about 12 megapixels, and digital laboratory. 3 credits (80 hours of digital lab).

FOT 320 - Creative Imagery

Practical, technical, and creative development in the elaboration of artistic, commercial, corporate, editorial, documentary portraits, among others, in order to tell a story. Basic use of natural light, tungsten light, small flashes, strobes, and Kino-Flo, outdoors and in the studio. A portfolio is prepared. Requires DSLR camera with manual measurement system, about 12 megapixels, manual electronic flash, and digital laboratory. 3 credits (80 hours of digital lab).

FOT 410 - Documentary with Moving Images (Prerequisite: FOT 315)

Knowledge about the evolution of moving images from analog to digital format. The student studies introductory concepts to know what, why and how to tell stories with professional technological tools. It emphasizes the basic knowledge required by the professional photographer to carry out by himself the shooting, editing, writing and locution of the moving story for different digital platforms. Requires digital video camera (DSLR or camcorder) with external microphone input, with manual functions and optical zoom capability for remote shooting; microphone, headphones; tripod and external hard drive and laboratory. 3 credits (80 hours of digital lab).

FOT 420 - Commercial Image Creation (Prerequisite: FOT 320)

The course combines theory with the practical aspect of techniques and equipment used in the creation of commercial photography outdoors, indoors, and in studio. Creative application of natural light and artificial light for portraits, talents, products, editorial, among others. Preparation of a portfolio. Requires DSLR camera with manual measurement system, about 12 megapixels and laboratory. 3 credits (80 hours of digital lab).

FOT 480 - Integrated Seminar in Photography

This is a hands-on course that integrates the skills, knowledge, and approaches that are part of core curriculum, departmental courses, and concentration. It integrates the discussion of historical, ethical, legal, aesthetic and technological issues of the profession with current issues. It is aimed at fourth-year students of the Photography concentration. 3 credits.

GME 101 - Principles of Marketing

Market research is visualized as a human activity aimed at satisfying the needs of the consumer through a process of economic, social, cultural, psychological, and political exchange; which affects all types of organizations. According to Stanton, "it is a total system of business activities aimed at planning, pricing, promoting, and distributing products and services that meet the

needs of current and potential consumers." The role of organizations and individuals as participants in this process is discussed. The course requires the active participation of students in workshops and activities to develop oral and written communication skills in English and Spanish and by the end of the course they understand all the areas that comprise Marketing. 3 credits.

GME 202 - Consumer Behavior (Prerequisite: GME 101)

The course focuses on the study of factors that affect the decision-making process of consumers and entrepreneurs within a market. The demographic, social, economic, psychological, and cultural variables that affect consumer behavior are analyzed. Behavior is understood as purchasing decisions, influence of opinions, frequency and quantity of purchase and loyalty to brands. We consider within the context of analysis the modalities of online purchases (virtual companies) and traditional ones. It emphasizes the analysis of the factors that affect their relationships (consumers-entrepreneurs) to design, plan and implement successful marketing strategies that are aligned with the business plans of organizations. 3 credits.

0

GME 307 - Service Marketing (Prerequisites: GME 201)

Study of the application of marketing concepts to the service sector. The organizational structure of an organization dedicated to services and the particular characteristics of the service industry are analyzed. Special topics such as marketing of health services, professional services, banking, tourism, sports, among others, are discussed. 3 credits.

GME 312 - Marketing Research (Prerequisite MCO 251)

Marketing research consists of the use of scientific methods for the collection, analysis, and interpretation of information; The study of methodology for exploratory, descriptive and experimental studies for the purpose of examining marketing situations. The most recent developments in the recording and use of internal and external information necessary for marketing decision-making are considered. The student applies his/her skills and knowledge in practice by integrating the theoretical aspects discussed in the course. The course requires the active participation of students in activities outside the course hours and the university premises, so the student must allocate the necessary time to fulfill them. Emphasis on the active participation of the student in projects that are developed in organizations of the external community through the service learning modality. 3 credits

GME 318 - Community Management and Social Networks (Prerequisite: GME 101)

The Internet has come to change the way we live, in which we communicate and in which marketing strategies are carried out. This makes it undoubtedly a key component of marketing planning. This course will focus on the student acquiring the necessary knowledge about a fundamental part of marketing: Community Management and Social Networks. They will understand why social media the most used platforms by local and international brands are. They will understand how the role of the Community Manager is of utmost importance when implementing strategies and managing social networks with established objectives. The student will develop skills to choose the most appropriate social network according to established marketing strategies, which could range from brand recognition, promotion, and e-commerce to promoting engagement with the audience through content marketing. The entire course will be framed in studying, knowing, and applying current trends in social networks. 3 credits.

GME 400 - Strategic Marketing (Prerequisite: GME 202)

The goal of this course is to develop in the student the ability to think strategically, identify opportunities and seek short, medium, and long-term solutions to marketing situations. This is achieved through data analysis and evaluation of the environment in which organizations operate. The course focuses on being able to identify and align marketing strategies to the priorities, needs and existing and projected conditions of the company. The course is aimed at future marketing professionals in all types of organizational modalities (for-profit or non-profit companies). At the end of the semester, they will have gone through the experience of creating a methodological structure that will allow them to offer strategic recommendations to organizations. As part of the student's professional experience, they can be part of institutional projects and initiatives or other academic units. 3 credits.

GME 410 - Marketing and Exportation of Services (Prerequisite: GME 202)

Study of the application of marketing concepts to the service sector. The organizational structure that offers services as part of the structure is analyzed and the services and particular characteristics of that industry are analyzed. It focuses on consumer services, developing a service platform for the local company as well as for export services. 3 credits.

GME 411 - Marketing Analytics (Prerequisite: GME 400)

The concept of Marketing Analytics will help us learn how to use data analytics to gain insights and market to individual customers. Many companies have extensive information about consumers' tastes and interests and how they react to marketing campaigns, but few companies have the expertise to act intelligently on information. In this course, students will learn the scientific approach to marketing with the use of databases, analytics, and information systems to collect, analyze, and make information-based decisions. 3 credits.

GME 420 - Marketing Management (Prerequisite: GME 400)

Study of the management phase of marketing in the formulation and evaluation of objectives and strategies applicable to each of the elements of the marketing mix, namely product, price, promotion, and distribution. This course is focused on the use of the theoretical framework and analytical tools applied to real and simulated situations in organizations. Research and case analysis are fundamental components of our methodology. The effectiveness of the company's resources that complement marketing tools is evaluated, such as organizational structure, human resources, competitive environment, and customer service. The course is aimed at future marketing professionals in all types of organizational modalities (for-profit or non-profit companies). At the end of the semester, students will have gone through the experience of applying decisional models to real situations that are part of their managerial function within an organization. As part of the student's professional experience, they can be part of Community Outreach Center projects and other institutional initiatives. 3 credits.

GRA 205 - Computerized Typographic Design

Introduction to the history, theory, and practice of human writing. It delineates for the student of visual communication, the evolution of written communication through the creation of groups, families, and typographic styles. Study of the elements of typographic composition and its use in visual communication. Through computerized practice exercises, the course emphasizes the typographic application to graphic design. 3 credits.

GRA 305 - Interactive Design (Prerequisite: DIS 110)

This course focuses on design that includes combinations of text, sounds, or graphics with movements. Emphasis is placed on presenting messages in a clear, easy-to-navigate manner and for the student to learn how to develop designs that work properly with technology.

Primarily user-centric, students create sophisticated solutions for a wide range of digital systems, appropriate in a global context. Considering aesthetics, culture, society and different digital media, students apply design processes to create and test interactive scenarios, making references to written specifications.

GRA 310 - Computer Illustration Design (Prerequisite: DIS 110)

Study of the theory and practice of creative and technical processes for the development of computerized illustration. Application of the principles of good design in the creative processes of illustrating through the use of vectors. It emphasizes the planning and organization of visual elements aimed at the conceptual and creative development of computerized illustration. In addition, it presents the study and practice of the basic processes for designing and diagramming publications on the computer. 3 credits.

GRA 315 - Graphic Design for Audiovisual Media Management (Prerequisite: DIS 110)

Study of the concepts, means and techniques used in the field of graphic design applied to public communication and commercial advertising. Development of audiovisual projects and application of the principles of good design in the creative processes of editing images and videos. Aspects of the history and theory of practice aimed at the conceptual development of audiovisual productions, emphasizing the analysis, evaluation, production, and presentation of visual communication elements. It combines academic research with service-based learning including participation in community outreach projects. It develops the skills of students to perform as creatives in different work situations in the field of public communication and graphic design in its different commercial aspects. 3 credits.

GRA 405 - Multimodal Electronic Design (Prerequisite: GRA 315)

Discussion of various aspects in the design, development, implementation, and evaluation of content for clients on the Internet, and for other emerging media. Study of tools for page development, navigation, and user experience: graphic applications and video. A design and development project of an electronic page for electronic media is required. This course is an elective for students of the Computer Science Program. Course is taught partially online. The course requires the active participation of the student in the research, implementation, and presentation of the results. 3 credits.

GRA 410 - Graphic Design Workshop: Visualizing Ideas (Prerequisite: GRA 315)

This course focuses on the practical implementation of professional concepts. Students are introduced to the role of the designer in visualizing complex projects by utilizing multiple media. Through professional design methods and problem-solving strategies, they learn to visualize dynamic ideas by addressing the designer's role in visualizing complex and integrated systems. By independently exploring key principles in visual systems design, they develop strategies for managing design solutions across multiple graphic media. Laboratory practice of digital innovation is emphasized as a method to facilitate the development of skills to describe and manipulate graphic information. 3 credits.

GRA 415 - Graphic Production for Digital Ecosystems (Prerequisite: GRA 410)

This course focuses on the technical domain and the production business components for print and digital production. Students create production-ready files in different digital ecosystems, whether on mobile and/or print devices, using industry-standard software and project management protocols. An in-depth study of new business ideas driven by design and triggered by changing technologies in the graphic design industry is presented. Students learn why collaborative thinking is the new competitive advantage in global business. In addition, they

discover how to make use of the latest communication tools to streamline their business models, from financing, presentation of ideas, to marketing and manufacturing. 3 credits.

HIS 212 - Development of the Puerto Rican Nation

Panoramic view of the historical process of Puerto Rico with special emphasis on the social, economic, and political aspects of the nineteenth, twentieth and early twenty-first centuries. Topics such as the genesis of nationality, the laws that were forged by the Puerto Rican state, ideologies and political parties in Puerto Rico, the future in a society that has not achieved consensus regarding its political definition, and the social and economic forces that have influenced our trajectory as a people are analyzed. 3 credits.

HIS 339 - U.S. Society and Culture

This course provides an overview of the historical and sociocultural development of the United States of America from its colonial origins to the present, with an emphasis on the last century. The course analyzes the themes of colonial society and culture such as the rise of the American nation, the Civil War, art, music, economic growth, industrial progress, the labor movement, the Great Depression, World War II, organized crime, feminist clamor, the claims of ethnic and cultural minorities, the Cold War, technological development, U.S. relations with the Caribbean and the development of the Puerto Rican community in New York. 3 credits.

ICD 105 - Materials and Processes (Prerequisite: DIS 110)

This course introduces students to the selection of materials, how and why they are used and their inclusion in the sustainable product design process. Case studies of various typologies within industrial design will be seen. Students will be able to relate the selection of materials with their design proposals. 3 credits.

IND 105 - Tridimensional Modelling

Introduction to the materials manufacturing and specification process using digital 3D drawing. Content includes design visualization, creation, and application of computer-generated 3D models in the manufacturing, communication, and publishing industries. Students will model their 3D designs from the original, hand-drawn idea to the use of a surfaces and solids modeling program. They will make use of Boolean operations in the construction and editing of models, display commands, details, geometric translation, rendering, and presentation.

IND 210 - Industrial Design Studio I (Prerequisite: IND 205)

In this course students will apply design methods aimed at researching and exploring the form and function of a product. It introduces concepts of ergonomics, semantics, universal design, environmental issues, and user-centered design. Students will work on typologies of projects such as furniture, tools, household items, and jewelry, among others. 3 credits.

IND 215 - Circular Economy for Product Development (Prerequisite: DIS 110)

This course explores the history and precedents of the circular economy in product development. The European Community's Circular Economy Action Plan will be studied, where issues on water reuse in manufacturing are discussed and products that can be easily disassembled, recycled, or repaired. It will elaborate on topics such as zero-waste, cradle-to-cradle, biomimicry, efficiency, manufacturer's guarantees, efficient disassembly to end the life of a product, reuse of components, repair, or recycling. They will study the three types of product durability: emotional, technical, or technological and timelessness of design. 3 credits.

IND 220 - Industrial Design Studio II (Prerequisite: IND 210)

This design course aims to show footwear design methodologies. The student will be guided in the identification of the user, definition of components to be designed, selection of materials, application of design, production methods and digital and physical prototyping. 3 credits.

IND 305 - Materials and Processes II (Prerequisite: IND 205)

In this course, students will continue with the recognition and exploration of materials, this time focused on the development of new materials and processes for their products. They will concentrate on best practices for sustainability, durability, production responsibility, and disposal. 3 credits.

IND 310 - Industrial Design Studio III

Introduction to set design and exhibition design. In both design exercises, space production will be practiced. The scenography design will operate according to theater, virtuality, installations, soundscape, temporal architecture, choreography and performance and their relationships between space, content, spectator, and time. In the design of exhibitions, the conception of the space in relation to art, design, content, and user will be established. The design projects will be worked on in collaboration with the Theater, Dance, Music and Visual Arts programs. 3 credits.

IND 315 - Industrial Design Studio IV (Prerequisite: IND 310)

This workshop will focus on Lo-tech and repairable design. Students will understand the creative process of toy design. They will apply drawing, modeling, and crafting skills to create original toys that engage users in imaginative play and shape development, decision-making, socialization, and creativity skills. Students will learn how to conduct research and market analysis to make sure their designs are appropriate for the category of toys they are designing. Using various manufacturing techniques, students will translate their idea into useful 3D prototypes. 3 credits.

IND 405 - Industrial Design Studio V (Prerequisite: IND 315)

Hi-tech workshop that will work with the Internet of Things (IoT), through interactive design, transportation, mobility, medical devices, appliances, wearables, artificial intelligence (AI), among other things. By definition, the artifacts created under the structure of the IoT collect and transmit the data, the last point is to analyze them and create an action or reaction considering the data obtained. Students will be introduced to the topics of connectivity, AI, machine learning, big data, and touch and voice sensor technology. Design projects will be worked on in collaboration with the Software Development for the Internet and Animation programs. 3 credits.

IND 410 Industrial Design Studio VI (Prerequisite: IND 405)

This workshop will be a Company Sponsored Design Studio. The students will be working on a previously identified industrial design project, the scope defined and sponsored by the external company interested in being a partner in the workshop. 3 credits.

INF 104 - Fundamentals of Computer Science for Education

This course studies information technologies as a work tool and their implementation in the educational process. Students as future teachers are trained and explore the possibilities they have with the use of technology, as a medium, and access to information. The theme of the course is approached from a historical component of the computer and the internet, its impact on modern society and ethical problems. In addition, the structure and use of the computer operating system, programming principles, principles and foundations present in the

implementation of the computer and mobile devices in education, both in teaching and administrative tasks of an educational nature, are studied. Emphasis is placed on the essential elements for evaluating and selecting programs and tools for use in pedagogy. This course is offered with web-based support. 3 credits.

INF 105 - Introduction to Computer Science

Introduction to computers for students of Social Sciences, Humanities, and Nursing. Study of management, organization and evaluation of information, impact of information technology on society, the internet and Web 2.0, fundamentals (history, components, uses of the computer operating system) and ethical problems. Management of pre-programmed packages (word processor, electronic worksheet, and presentation program). This course is offered with web-based support. The student participates in a research experience in the community, on the social impact of computer science. As part of this activity, students visit organizations in search of information to carry out their work. In this way it integrates the different theoretical aspects discussed in the course. The course requires the active participation of the student in the research and presentation of the results. The course provides experiences for strengthening oral and written communication and teamwork skills. 3 credits.

INF 110 - Computing

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 not only performance but also the development of human skills and research. In addition, the importance of ethical conduct in the management of information through computerized systems is presented. Emphasis is placed on the impact of computer technologies by integrating pre-programmed packages such as word processor and electronic worksheet as research tools and presentation of results. 2 credits.

INF 120 - Algorithms and Creative Programming

Introduction to Computer Science and application of digital technologies: impact of information technology on society, the Internet and Web 2.0, fundamentals (history, components, ethical problems). Introduction to structured programming emphasizing the analysis, design and development of algorithms and programs, good programming style and useful and usable interface design. Study of the basic elements of an object-oriented language, such as basic data types, objects, classes, control structures, and methods (routines). Programming work is required. The course provides experiences for strengthening communication skills. 4 credits (45 contact hours, 45 lab hours).

INF 125 - Creative Programming and Problem Solution (Prerequisite: INF 120)

Classes, objects, and inheritance are studied. New elements of structured programming are studied, specifically the handling of aggregated data in structures such as arrays, files, and pointers for the construction of linked chains. Recursion is discussed. Fundamental search and sorting algorithms are introduced to process aggregated data structures. Programming work is required. The course provides experiences for strengthening communication skills. 4 credits (45 contact hours, 45 laboratory hours)

INF 201 - Data Structure (Prerequisite: INF 125)

Different data structures and their implementations are studied under the object-oriented programming methodology. Heaps, graphs, and trees are included from the perspective of abstract data types (ADTs). Programming resources for the processing of these structures are also studied. Programming projects using an object-oriented language are required. 3 credits.

INF 252 - Introduction to Databases (Prerequisite: INF 125)

Basic concepts of database systems including topics such as redundancy, storage structures, relational model, functional dependencies, keys, and normal forms. Discussion of concurrence, recovery, integrity, and security. A programming project using a database manager (DBMS) is required. 3 credits.

INF 385 - Programming for Mobile Devices (Prerequisites: CCO 225, EMP 411)

Discussion of various aspects in the design, development, implementation, and evaluation of applications for mobile communication devices. Study of tools for the development of mobile programming: languages to develop apps for various platforms. Application optimization. We work on a design, development, and deployment project of a mobile application. 3 credits.

ING 113 - Reading for Communication

This course combines intensive reading with oral and written communication skills. Students read articles and stories and react to these readings in a variety of oral activities and written assignments. This course requires each student to become familiarized with an in-class community service-learning activity at Level I. Students are required to comply with all course activities which provide an integrated learning experience. ENG 113 must be passed with a C or more. 3 credits

ING 114 - Written Communication

This course teaches and applies the basic principles of effective composition in various essay formats. It also helps students to master important grammar, punctuation, and usage skills in themes highlighting ethical values. This course must be passed with a minimum of a C. 3 credits.

MAT 133 - Pre-calculus I (Prerequisite: MAT 101 for students with PAA scores of 499 or less)

The Pre-calculus I course is a theoretical and practical course for all Natural Sciences programs. It emphasizes the concept of function, relationship, and graphs. Study of polynomial, rational, exponential, and logarithmic functions. The properties of the functions, the transformations of the functions and their applications are studied. Emphasis on problem solving. The purpose of the course is to lay the analytical and geometric foundations necessary for the study of differential and integral calculus. 3 credits.

MAT 134 - Pre-calculus II (Prerequisite: MAT 133)

The Pre-calculus II course, continuation of Pre-calculus I, is a theoretical and practical mathematics course for the Natural Sciences programs. It includes the study of functions such as systems of equations, sequences and series, trigonometric functions, analytic trigonometry, and complex numbers. The purpose of the course is to lay the analytical and geometric foundations necessary for the study of differential and integral calculus. 3 credits.

MAT 201 - Calculus I (Prerequisite: MAT 134)

This is a theoretical and practical course that develops analytical skills in the student at the School of Health and Sciences. The course deals with differential calculus and basic integration into a variable. In this course the following concepts are studied: limits, derivatives and their applications, indefinite and definite integration, fundamental theorem of calculus and introduction to differential equations. The purpose of the course is to establish the tools of differential and integral calculus necessary for the advanced study of Natural Sciences. 5 credits.

MAT 210 - Applied Statistics

Statistics is a mathematical specialty that uses empirical data from a random sample to make population inferences. The backbone of statistical reasoning depends on probability theory. MAT 210 is an applied statistics course for the core education curriculum. It will provide the student with a practical introduction to statistics using a computational approach applied to education. This course will provide fundamentals on: how to prepare data, perform statistical tests, produce results, and interpret them with raw data using the frequentist spectrum. Topics include: data visualization techniques (graphs, measures of centrality, scattering, the normal curve, models of chance, standard error, histograms of probability, convergence to the normal curve) and statistical inference techniques (probability models, one-sample t-test, two-independent sample t-test, matched sample t-test, chi-square difference between proportions, ordinary ANOVA test, linear correlation models, basic linear regression models, and sample size calculation). 3 credits

MCO 150 - Quantitative Methods in Business Management (Prerequisite: 600 in CEEB)

Introduction to the quantitative techniques that the manager needs in decision making. Study of growth rates, marginal analysis and decreasing yield in production. Estimation of trends in sales, costs, and revenues; projection of income and expenditure; calculation of consumer and producer profits and surpluses. Emphasizes on calculus and derivative and integral managerial applications. 3 credits.

MCO 250 - Statistical Analysis

Introduction to descriptive statistics and probability theory applied to problem solving. Study of the techniques of the graph presentation, description of data, frequency distributions, measurements of position and dispersion for data. Study of the concept of probability, from the quantitative and qualitative aspect. Presentation and use of probability distributions. Study of the impact of ethics on statistical analysis. Uses Excel as a tool for procedures. 3 credits.

MCO 251 - Managerial Statistics

Analysis of statistical inference and its practical applications to business scenarios. The main topics include: hypothesis testing and interval estimation, analysis of variance, regression analysis and time series analysis, variable association techniques, simple and multiple linear correlation and regression applied to business problems, among other parametric and non-parametric techniques. More advanced statistical methods are introduced to the basic statistics and procedures learned in your introductory statistics course. Extensive use is made of statistical programs such as MS Excel, SPSS, or other applicable software. This course is aimed at Business Administration students and its main objective is to optimize their statistical thinking, and to recognize statistics as part of problem solving and decision making. 3 credits

MOD 105 - Introduction and Basics of the Fashion System

This course addresses the emergence, development, and historical positioning of fashion as a social phenomenon. It investigates its constant process of change and its direct relationship with social aspects such as economic systems and hierarchical relations, cultural phenomena, folklore, art, and entertainment. It delves into topics such as the industrial revolution and the evolution of production methods, imitation as an instrument of democratization of fashion and its ethical aspects, as well as the influence it exerts on our consumption habits. Through the study of history, theories and production methods, the student will apply what they have learned through classroom exercises applicable to their respective disciplines working from the point of view of fashion. 3 credits.

MOD 205 - Fashion Design Workshop I

This course offers the student an understanding of the basic fundamentals of fashion design. It discusses, analyzes, and exposes the various disciplines and professions of the fashion sector. By exploring the basic skills of fashion design, illustration, sewing and production methods, the student will put what they have learned into practice for the development of a variety of practical exercises in the learning space. This workshop introduces the student to the research, practice, and conceptual development of their fashion project as a starting point for designing innovative collections of sustainable principles. This course requires materials and is linked to a manufacturing laboratory. 3 credits.

MOD 210 - Circular Fashion, Sustainability, and Business Models

Through research and analysis of business models in circular fashion, this course introduces the student to the main sustainability practices applied in the design and manufacturing process. It delves into the development phases of responsibly manufactured products, according to the guidelines established by the Sustainable Development Goals of the United Nations, the Fashion Pact 2050, and the Principles of Fair Trade. It discusses circular lifecycle components and techniques such as recycling, reusing, and zero waste in fashion and/or accessory products. Upon completion of the course, the student will have the critical understanding of circularity that will enable them to develop sustainable fashion business models. 3 credits.

MOD 215 - Trend Analysis and Development of Fashion Products (Prerequisite: MOD 105)

This course addresses the theory and analysis of trends in fashion design, as an indispensable discipline for professionals in the sector when establishing their design identity, selection of materials and manufacturing techniques. It deepens the understanding of the practical guides of color, style, and silhouettes, used for the design of fashion collections and accessories. Through research, the student develops techniques for analyzing historical, sociocultural, political, economic, and environmental contexts, as a fundamental tool to define trends and the development of new products in fashion. At the end of this course, the student will apply what has been learned through practical conceptualization exercises and will be able to create trend reports in the field of design using digital formats. 3 weekly hours, 1 semester. 3 credits.

MOD 220 - Fashion Design Workshop II (Prerequisite: MOD 205)

This course discusses the relationship between the indispensable elements of art, design, and fashion, to develop a functional product, which meets the needs of the market and environment. It delves into the reinterpretation of traditional, manual, and industrial techniques, which facilitate the manufacture of design with an ecological approach. Students will put into practice what they have learned, with the exploration of materials and practical exercises for the manufacture of prototypes. At the end, the student will gain an understanding of the process for the conceptual development of their entrepreneurship project. This course requires materials and is linked to a manufacturing laboratory. 3 credits.

MOD 305 - Fashion Brand Marketing & Identity (Prerequisite: MOD 105)

This course aims to expose the student to the most innovative business trends and strategies to address the business opportunities of the fashion sector. Through the case study of fashion brands and exposure to business models of local and international designers, the general aspects of marketing strategies to promote a sustainable fashion business and the role of technology as a protagonist of the development and innovation of this creative sector are discussed. This course focuses on developing creative fashion entrepreneurs, capable of managing the operations of a business in the sector and designing the identity strategies of fashion brands and accessories. The student applies what has been learned by developing a

series of exercises, which include the elaboration of a marketing plan and the design of the brand strategy. 3 credits.

MOD 310 - Logistics, Marketing, and Digital Strategies in the Fashion System (Prerequisite: MOD 305)

This course aims to train the student in the process and development of administrative functions of the product sales cycle to make the selection, purchase, and inventory management. It delves into the general aspects of consumer behavior, sales techniques, and electronic commerce. It studies the aspects of digital innovation in omnichannel sales models, and the design of experiences in the process of dissemination and marketing of fashion products and accessories. Through the development of research work and practical exercises, the course addresses the issue of pricing based on knowledge about logistics and intermediaries in the value chain. At the end of the course, the student will be able to design digital sales strategies to promote a fashion business and sustainably manage its brands and/or fashion and accessories collections. 3 credits.

MOD 315 - Fashion Design Workshop III (Prerequisite: MOD 220)

The course offers an understanding of fashion as a means of visual communication. It investigates and delves into the intervention of colors, styles and symbols, as graphic elements that interact in human psychology, culture, and society. It covers author design techniques and analyzes the aspects of originality, personalization, and the manufacture of textile design, as generators of innovation, in the visual expression of fashion collections. Through practical exercises, the student will exercise cohesion between the design methodology and visual expression techniques such as storytelling when designing harmony in fashion collections capable of expressing values and principles of sustainability. At the end of the course, the student will apply previous knowledge in art and drawing to design a collection of fashion and accessories using illustration techniques. This workshop course aims to prepare professionals in the fashion sector to define their own design identity and create a visual communication strategy for sustainable fashion and accessories brands in their degree project. This course requires materials and is linked to a manufacturing laboratory. 3 credits.

MOD 405 - Ethical, Social, and Fair-Trade Responsibility in Fashion (Prerequisite: MOD 210)

The course aims to discuss the ethical, public, and international law issues that establish responsible manufacturing and marketing practices in fashion design internationally. It deepens and analyzes the topics of ethical fashion such as cultures of origin and cultural appropriation, intellectual property, and trademark registration. Through research and related case studies, ethical techniques of production, social communication, and aspects of workplace responsibility that promote social justice and equity in fashion design are examined. This course offers the graduate an understanding of the principles of fair trade in fashion, to ensure the integration of ethical best practices from the initial stages of conceptualization, production, and marketing phases in fashion design. 2 credits.

MOD 410 - Fashion Design Workshop IV (Prerequisite: MOD 315)

The course covers the development of social, economic, and environmental sustainability of a fashion and accessories collection. The student will apply the knowledge acquired by designing a business model and strategy of a fashion and/or accessories brand capable of solving global problems. This workshop study includes the development and manufacture of a collection and allows the student to employ innovative presentation techniques for the exhibition of their designs as a final degree project. This course requires materials and is linked to a manufacturing laboratory. 4 credits.

MUS 103 - Musical Ensemble I

Musical study and interpretation from Musical Literature in Antiquity to Contemporary Musical Literature. As part of the course, students perform at public concerts. 1 credit.

MUS 104 - Musical Ensemble II (Prerequisite: MUS 103)

Musical study and interpretation from Musical Literature in Antiquity to Contemporary Musical Literature. As part of the course, students perform at public concerts. 1 credit.

MUS 105 - Forum Performance I

This course is a weekly space for students to perform before their peers the musical pieces they are working on in the musical execution technique lab for their instrument. Pedagogical and artistic aspects relevant to implementation practices are addressed. 1 credit.

MUS 110 - Forum Performance II (Prerequisite: MUS 105)

Platform in which students present weekly to their peers the musical pieces they are working on in the music performance laboratories. Pedagogical and artistic aspects associated with Performance Practice are addressed. 1 credit.

MUS 131 - Music Rudiments (Prerequisite: MUS 105)

Introductory course of musical rudiments in which students begin to acquire knowledge of theory and solfège, addressing the understanding of the main components of tonal music and their interrelation: melody, acoustic space, and rhythm in the harmonic contour. 3 credits.

MUS 210 - Forum Performance III (Prerequisite: MUS 110)

Platform in which students present weekly to their peers the musical pieces they are working on in the music performance laboratories. Pedagogical and artistic aspects associated with *performance practice* are addressed. 2 credits.

MUS 231 - Foundations of Musicianship I (Prerequisite: MUS 131)

Intermediate music theory course in which students begin to develop full musical mastery, adding the study and analysis of compositions associated with harmonic techniques that appear in musical literature in the early twentieth century. 3 credits.

MUS 232 - Foundations of Musicianship II (Prerequisite: MUS 231)

Advanced music theory course in which students begin to articulate musical literacy, analyzing aspects of music associated with harmonic techniques that appear in the musical literature of Modernity. 3 credits.

MUS 241 - Theory and Analysis of Music I (Prerequisite: MUS 131)

Introductory course to the important concepts and elements of harmony and its current use in the composition, interpretation, and analysis of works. It extends the teaching and practice of the basic chords of the major and minor scales and their use in harmonization. 3 credits.

MUS 242 - Music Theory and Analysis II (Prerequisites: MUS 231, MUS 241)

This course studies the basic rules of harmonic links, their origin and development throughout history and the use of more expanded knowledge of theory and solfège such as: blues scales, whole tones, Greek modes, and modern chords with their different variants of four voices onwards. 3 credits.

MUS 243 - Forum Performance IV (Prerequisite: MUS 210)

Platform in which students present weekly to their peers the musical pieces they are working on in the music performance laboratories. Pedagogical and artistic aspects associated with *performance practice* are addressed. 2 credits.

MUS 251 - History of Music: From Ancient to Baroque

Vision of the development of the musical arts, from Antiquity, music in the Medieval, the Renaissance and culminating in the Baroque eras. At the same time, the course presents the dominant ideas, the most significant events and the sociocultural reality that is reflected through music, in the different philosophies and eras. 3 credits.

MUS 310 - Forum Performance V (Prerequisite: MUS 243)

Platform in which students present weekly to their peers the musical pieces they are working on in the music performance laboratories. Pedagogical and artistic aspects associated with *performance practice* are addressed. 2 credits.

MUS 322 - Performance Class and Forum VI (Prerequisite: MUS 310)

Platform in which students present weekly to their peers the musical pieces they are working on in the music performance laboratories. Pedagogical and artistic aspects associated with *performance practice* are addressed. 2 credits.

MUS 341 - Theory and Analysis of Music III (Prerequisite: MUS 232, MUS 242)

Study and analysis of the main theoretical models and characteristics of composition in musical theater, film, Broadway, Disney, and modern church music during the twentieth century to the present. 3 credits.

MUS 405 - Music History: From Classical to Modernity (Prerequisite: MUS 251)

Historical tour of Western music and composers representative of the Classical, Romantic, and Contemporary historical periods. Emphasis is placed on the development of the most important musical forms: sonata, symphony, concerto, symphonic poem, art song, opera, chamber music, musical theater. 3 credits.

MUS 492 Recital

A course of musical preparation for the public presentation of a recital that will culminate with a written rehearsal of the repertoire in the form of a program note, and an oral symposium on the historical, theoretical and performance practice aspects framed in the musical literature that is presented. 3 credits

PAV 110 - Narrative Influences

This course examines the history of storytelling as a technique and the creation of original worlds to learn about film genres, global cinema, story and script structure analysis, and creative writing for film and television. It is aimed at students who want to learn about storytelling by reviewing the various ways filmmakers have told stories since the beginning of cinema, and the change the digital age and distribution platforms have meant for content distribution. 3 credits.

PAV 112 - The Art of Storytelling (Prerequisite: PAV 110)

Our lives are filled with tales and stories created with words, images, sounds, or a combination of these. In contemporary society, stories are constantly available and presented in various ways: in movies, radio shows, videos, virtual reality shows, commercials, TV series, animations, music videos, podcasts, video games, among others. What do all those stories have in common?

And what methods and strategies support the creation of impactful stories for the various formats and platforms? This course/workshop offers a series of experiences for the student to recognize the importance of stories, their essential elements, and strategies for creating diverse impactful audiovisual narratives for a variety of platforms. 3 credits.

PAV 220 - Composition and Visual Narrative (Prerequisite: PAV 112)

This course studies the theory and practice for image capture, visual composition, and camera management. It also presents strategies for visual composition for audiovisual production. Students will learn about tools and techniques for visual narrative and aesthetics. Likewise, they will learn digital image information management and data archiving and transfer. 4 credits.

PAV 221 - Sound for Audiovisual Production (Prerequisite: PAV 220)

Theory and practice of sound production for various audiovisual media. Emphasis on the process of capturing, recording, editing, mixing, and processing audio. 4 credits.

PAV 320 - The Art and Technique of Editing (Prerequisite: PAV 220)

Theory and technique of audiovisual editing as well as its origin and historical development. Fundamental principles of cinematographic creation. Basic elements of the image and sound editing process. Introduction to digital editing equipment. Meticulous analysis of film, television, and advertising editing works. Editing practices. 3 credits.

PAV 321 - Creative Approach of Reality (Prerequisite: PAV 320)

Theory and practice of the art, aesthetics, and technique of the documentary. Study of the structure and functioning of documentary production as an audiovisual genre that makes a creative treatment of reality. Development of the mastery of audiovisual narrative skills applied to the documentary in its various platforms, from podcast, public service campaign and documentary series. Project creation, from research to execution and distribution. This course applies the service-learning methodology to non-profit organizations promoted by the Community Outreach Center (CVC). The course is aimed at students of the Audiovisual Production and Cinema major. The course includes a fee for equipment use. 4 credits.

PAV 420 - Script Development (Prerequisite: PAV 321)

The script is the key document that guides most of the production of audiovisual content, be it a radio program, a television series, a music video, a virtual reality project, a podcast, a movie, an animation, a video game, etc. It is necessary for the creator to handle the fundamentals of storytelling and to be able to analyze, review, break down and visualize a script before starting production. This course makes it easy for the student to learn skills to review scripts, make storyboards, create technical scripts and other documents, and present their projects in an attractive way. Through discussions, lectures, case studies, creative exercises and individual and group projects, the student develops a script for pre-production. 3 credits.

PAV 421 - Contemporary Visual Culture

Theory and practice of digital production where the student develops several short films and transmedia products. Emphasis is placed on script writing and professional forms of production, while designing the transmedia plan on various platforms, and learning from financing and distribution on multiple platforms. In this course, students produce a short, a documentary or a hybrid and explore and generate additional transmedia content that will live on other platforms. (FB, short or documentary page, behind the scenes, additional interviews, podcast, video games, or photos). 3 credits.

PER 110 - Reporting from Puerto Rico

The theoretical course explains how state and federal institutions work from a journalist's point of view. Students learn about the history of the media and the culture of journalism during the past, present, and a perspective of the future through the study of the media, government agencies, the Capitol of Puerto Rico, municipalities, and courts, among others. 3 credits.

PER 111 - Reporting in Words (Prerequisite: PER 110)

Study of the concepts, values, and structures of the various types of writings belonging to journalistic genres. The emphasis of the course is on news writing, profiling, and reporting for print and digital media. The course aims to ensure that students establish the conceptual and structural differences between the various types of writings belonging to the journalistic genres and that they write, in a syntactic and logical way, specialized news and reports. 3 credits.

PER 113 - Press: Law and Ethics (Prerequisite: PER 111)

An introduction to state and federal legislation and jurisprudence, as well as the canons and ethical standards that govern the practice of journalism in Puerto Rico. Topics of discussion cover the scope and limitations of constitutional protection for free speech and the press, and access to public information. In addition, it provides a basis for the scope of the constitutional right to privacy and its constant clashes with the right to freedom of the press, such as, for example, the doctrine of defamation. Likewise, the copyright of texts, images and audiovisual material is covered, as well as issues related to the application of these rights in the digital age. 3 credits.

PER 210 - Multimedia (Prerequisite: PER 113)

In this course, students will learn about the conceptualization, pre-production, production, post-production, and distribution of informative content on digital platforms for video and audio. The course exposes students to the reporter's assignments in multimedia formats. Also, it helps students develop the knowledge and skills to design and publish informative content in a visual way to be integrated with digital and social media. Likewise, the course includes conceptualizing and creating of designs applicable to web platforms and developing informative web pages, portals, editorial design, and data visualization. 3 credits.

PER 220 - Data Journalism (Prerequisite: PER 210)

This course is designed to train students in the skills to analyze data and create visualizations. They also carry out data searches, sources comprehension, and analysis. Students recognize the data sources and use tools to analyze and visualize them. 3 credits

PER 223 - Narrative Journalism (Prerequisite: PER 220)

Narrative journalism fuses styles, sequences, and formats into stories. The student will learn about the collection of information, the creation and monitoring of the common thread and the construction of a text and report, attending to the innovative trends of the industry. 3 credits.

PER 310 - Mobile Journalism and Social Media (Prerequisite: PER 220)

Introduction to mobile journalism, appropriate practices in the use of applications and other technical considerations, ethics and cybersecurity associated with the use of mobile devices as a journalistic tool for different types of coverage. 3 credits.

PER 410 - Research Journalism (Prerequisite: PER 315)

Course aimed at journalism students that includes the study of techniques and methods of investigation, analysis, and journalistic interpretation. Writing investigative reports, and analysis, interpretive, and precision articles. 4 credits.

PER 415- Genres of Opinion (Prerequisite: PER 410)

Application of opinion genres in contemporary journalism. The student will write in genres associated with opinion such as: interpretive chronicle, column, editorial and critical review. They will turn to the various platforms provided by the multimedia age. 2 credits.

PER 480 Integrating Seminar (Prerequisite PER 410)

Seminar on the integration of knowledge in the various areas of study of the Journalism concentration. It includes the areas of journalism for press, radio, television and Internet, knowledge of labor factors, design and editing. Emphasis on researching academic topics about journalism and exploring educational options for graduate study. In addition, it seeks to identify professional alternatives, including self-employment, and preparation for the world of work. This course uses various technological tools and requires participation in activities outside the course schedule and the University's facilities. 3 credits.

PME 210 - Techniques, Stages and Lights

This course studies the techniques and procedures related to the areas of stage rigging, lights, and sound. Students will analyze aspects such as stage platforms, temporary structures, pyrotechnic effects, assembly logistics, and interpretation of blueprints. The course emphasizes OSHA regulations, worksite fire-prevention department, and performance requirements for shows. 3 credits.

PSI 201 - General Psychology I

This course is an approach to the fundamental topics of Psychology as a scientific discipline that explains the construction of the psychological object. The course discusses the various categories of analysis and the main debates of contemporary psychology. It also emphasizes, from the various currents of psychological thought, the discussion of the biopsychosocial context that serves as the basis for the development of the discipline. Likewise, the course critically approaches the understanding of the philosophical, epistemological, and methodological bases of the discipline. The course encompasses the importance of assuming a critical stance of professional commitment in the face of conditions of oppression and social inequality. 3 credits.

PSI 205 - Social Psychology (Prerequisite: PSI 201)

This course studies human beings from the perspective of social relations. It discusses the basic assumptions, theoretical frameworks, and paradigms in social psychology. Fundamental theories and research methods are explored from a critical perspective. The psychosocial and cultural historical dimension that offers context to the development of subjects and their social groups is recognized. In addition, the historical development of the discipline from the social transformations and the dominant debates in this field are discussed. Particular attention is paid to the role of the social psychologist as an agent of emancipation and social transformation. 3 credits.

PSI 209 - Human Development Psychology (Prerequisite: PSI 201)

This course studies human development from conception to death. Emphasis is placed on examining the physical, cognitive, psychological, emotional, and social aspects of human development, as well as the major theories that explain it. 3 credits.

PSI 303 - Personality Theories (Prerequisite: PSI 209)

This course analyzes the main theoretical conceptions related to the formation of personality, starting from the main theories throughout the history of psychology. 3 credits.

PSI 306 - Psychopathology (Prerequisite: PSI 303)

This course studies the origin and history of psychopathology and the concept of abnormality through human history, the dimensions and stigmas associated with the population receiving mental health services. The development of disorders is studied using DSM 5 as a basis and the relevance to the study of human behavior. 3 credits.

PSI 321 - Physiological Psychology (Prerequisites: PSI 209, BIO 101)

In this course, the biological, anatomical, and physiological perspective is integrated into the study of human behavior. Students are presented with the opportunity to learn more about the biological and physiological foundations of the human body, the relationship between mind and body, and the current debates around this. 3 credits.

PSI 413 - Measurement (Prerequisite: PSI 303)

This course studies the theories and techniques of measurement, construction, and test development. It discusses the various existing tests, their uses, standards, and characteristics are, and emphasizes their reliability and validity. 3 credits.

PSI 425 - Correlational and Experimental Research Methods

This course fosters the theoretical discussion of the assumptions of science, its research, and contemporary polemics. Likewise, it involves an approach to the theoretical field of Psychology and its research. The course also assumes a critical perspective on the work of science and the multiplicity of its explanations. 3 credits.

PSI 455 - Practicum in Psychology (Prerequisites: PSI 205, PSI 303, PSI 425 completed)

Immersive experience in organizations, communities and real scenarios in which students become familiar with the dynamics of work around general psychology, well-being, and human development. It is required to have completed all the previous courses of the concentration. In addition to the guidance of a professor of the discipline, in the immersion centers, students conduct themselves under the supervision of a professional of the discipline. 3 credits (120 hours of practice).

QUI 101 - General Chemistry I

Introduction to the fundamental laws and principles of modern chemistry. It aims to develop an understanding of chemical principles so that students can explain at the molecular level the relationship between the structure of a substance and how and why a reaction can occur, and how changes in energy resulting from the interactions of matter occur. In this first part, the properties and structure of atoms and molecules are studied, and their relationship with the periodic table of the elements. In addition, a link is established between the chemical reactions, mass ratios and energy transfers that occur in these processes. Also, the study of the laws that govern the behavior of gases is incorporated. The course incorporates laboratory experiences to illustrate theoretical concepts, develop technical skills and analysis, and stimulate the development of scientific research. This course is aimed at students majoring in

Chemistry, Biology, Biomedical Sciences, and other health-allied sciences, trained to understand the biological and industrial processes of the world around us. 4 credits (45 lab hours).

QUI 102 - General Chemistry II (Prerequisite: QUI 101)

Introduction to the fundamental laws and principles of modern chemistry. It aims to develop an understanding of chemical principles so that students can explain at the molecular level the relationship between the structure of a substance and how and why a reaction can occur, and how changes in energy resulting from the interactions of matter occur. In this second part, the physical properties of the solutions are discussed. In addition, the chemical equilibria involved in acid-base, precipitation and oxidation-reduction reactions are studied, and the factors that affect how quickly reactions occur. The laws of thermodynamics, electrochemical cells, and their relationship to chemical equilibrium are discussed. The course incorporates laboratory experiences to illustrate theoretical concepts, develop technical skills and analysis, and stimulate the development of scientific research. This course is aimed at students majoring in Chemistry, Biology, Biomedical Sciences, and other health-allied sciences, trained to understand the biological and industrial processes of the world around us. 4 credits (45 contact hours, 45 lab hours).

QUI 118 - General, Organic, and Biochemistry

This course discusses the principles of general chemistry: matter and measurements, elements, atoms and compounds, atomic structure, compounds and chemical bonding, chemical reactions, solutions, electrolytes, and states of matter. In addition, it studies the main organic compounds and their properties, biomolecules (carbohydrates, lipids, amino acids, proteins, nucleic acids), and metabolism. The course incorporates laboratory experiences to illustrate theoretical concepts, develop technical skills and analysis, and stimulate the development of scientific research. This course is aimed at students majoring in Nursing, trained to understand biological processes. 5 credits

QUI 205 - Analytical Chemistry: Quantitative Analysis (Prerequisite: QUI 102)

Course aimed at students majoring in Chemistry. Introduction to the study of classical methods of chemical analysis, chemical equilibrium in aqueous solutions, statistical analysis of data obtained from a chemical analysis. Study of the theory of gravimetric and volumetric methods, acid-base equilibria, complexation, oxy-reduction and precipitation, analytical separations and basic principles of analytical instruments and their applications. The course incorporates laboratory experiences to apply theoretical knowledge by performing a reliable quantitative chemical analysis. The course is developed through lecture, laboratories, simulations, incorporation of technology supported by the web, writing and defense of a bibliographic research proposal, and ethical aspects related to the management of data in the laboratory and report of results of a chemical analysis. 4 credits (45 contact hours, 75 lab hours).

QUI 301 - Organic Chemistry I (Prerequisite: QUI 102)

Study of the atomic and molecular structure of organic compounds. The course covers aspects related to the concept of isomerism, discussing the kinetic and thermodynamic variables that affect organic reactions. Substitution, elimination and addition reactions and the mechanisms by which these reactions proceed are studied. The physical and chemical properties of alkanes, alkenes, alkynes, alkyl halides, alcohols and ethers are studied. The nomenclature, molecular structure, synthesis, and reactions of compounds belonging to these families are discussed. This course uses web-supported resources, lectures, lab experiences, and teamwork to write a research proposal. This course is aimed at students majoring in Chemistry, and health-allied

Sciences, trained to understand the biological and industrial processes of the world around us. 4 credits (45 contact hours, 45 lab hours).

QUI 302 - Organic Chemistry II (Prerequisite: QUI 301)

Study of aromatic systems, aromatic electrophilic substitution mechanisms, nucleophilic addition to carbonyl, acyl nucleophilic substitution and condensations related to enolates. The IUPAC nomenclature of benzene derivatives, aldehydes, ketones, carboxylic acids and their derivatives, and amines is discussed. An introduction to the chemistry of carbohydrates, lipids, amino acids, and nucleic acids is presented at the end. This course uses web-supported resources, lectures, lab experiences, and teamwork to write a research proposal. This course is aimed at students majoring in Chemistry and health-allied sciences, trained to understand the biological and industrial processes of the world around us. 4 credits (45 contact hours, 45 lab hours).

QUI 401 - Physical Chemistry I (Prerequisites: QUI 205 y FIS 203)

Course developed in a theoretical and experimental way where the active learning methodology is used so that Chemistry students acquire knowledge related to quantum mechanics and simple problem solving. It discusses topics such as particle in the box, simple harmonic oscillator, rigid rotor, and hydrogen atom as well as approximation methods, variation theorem and perturbation theory, polyelectronic atom systems and single molecules, principles of molecular and atomic spectroscopy, gas kinetic theory, and fundamental principles of the kinetics of chemical reactions. 4 credits (45 contact hours, 45 lab hours).

QUI 402 - Physical Chemistry II (Prerequisite: QUI 401)

The Physical Chemistry II course uses active learning methodology for Chemistry students to acquire knowledge related to thermodynamics, physical transformations of pure substances, simple mixtures, phase diagrams, chemical equilibrium, and statistical thermodynamics. It is a theoretical and practical course. 4 credits (45 contact hours, 45 lab hours).

QUI 403 - Biochemistry (PrerequisitePrerequisitesPrerequisites QUI 101, QUI 102, QUI 301, QUI 302) The fundamental principles of biochemistry and the linking of biomolecules to metabolic processes are discussed. Emphasis is placed on the structure of proteins and regulation of enzymatic activity during various processes of cellular metabolism and molecular genetics. Determination of protein and nucleic acid structure. 4 credits

QUI 455 - Chemistry Instrumental Analysis (Prerequisite QUI 205)

Basic principles of analytical instruments and their applications. The course covers the general aspects of conventional instrumental analysis techniques used in industrial and research laboratories. Essential aspects of theory, instrumentation and practical applications of spectroscopy, electroanalysis and chromatography, and laboratory work in these areas are included. Development of skills to validate an analytical method. Handling of instrumental analytical equipment to perform reliable quantitative chemical analysis. Ethical aspects related to the handling of data in the laboratory and the reporting of the results of a chemical analysis. To promote the autonomy of the student in the bibliographic search. Critical analysis of scientific articles related to different areas of instrumental chemical analysis. Development of a research topic based on the critical analysis of scientific articles related to the different areas of analytical chemistry. 4 credits

TEA 111 - Acting I

Introductory workshop to the art of acting. The basics of body and voice use, theatre, actor discipline and cast integration are introduced and put into practice. Different processes of analysis of the texts that are put into practice are also studied. This course carries a fee for Experimental Theater use. 3 credits.

TEA 112 Acting II

Advanced acting workshop. Script analysis, the process of rehearsal and memorization, and the challenges faced by an actor are practiced. The student is prepared to act out monologues, share the stage and improvise. Emphasis is placed on building stories and characters. This course carries a fee for the use of the Emilio S. Belaval Theater. 3 credits.

TEA 225 Diction I (Prerequisite TEA 112)

Elementary techniques in the art of good pronunciation. Voice emission for theatrical presentation. Exercises in locution, phonation, articulation and intonation. I am a student of the process of human sound formation. 3 credits.

TEA 230 - Theatrical Production Workshop I (Prerequisite: TEA 120)

Through the performance of a play, students expand their knowledge and definitions of what they are, what they know, and what they feel. The course involves study meetings, discussion, and analysis of the work to be represented, hours of research on topics presented by the professor, and periodic rehearsals outside of class hours. Requires 15 workshop hours. 2 credits.

TEA 250 Physical Expression

Introductory to the art of mimicry and body expression, based on physical floor exercises, mimicry, gestures, gesticulation and movements that develop the ability of the human being to communicate through his body, without the need for words. 3 credits.

TEA 290 Production Workshop I

Through the performance of a play, students expand their knowledge and definitions of who they are, what they know, and what they feel. The course involves: study meetings, discussion and analysis of the work to be performed; hours of research on topics presented by the professor; and regular rehearsals outside of class time. 3 credits.

TEA 330 Improvisation and Theatrical Games

Different types of theatrical games are carried out to stimulate the student's creativity, collective creation and theatre as an educational instrument and social change. It studies the cultural groups, theorists and artists who contributed to the creation of new forms of representation for the benefit of education and their communities. The student will continue to develop their voice and body through the different games. The course also helps the student develop basic concepts of directing and dramaturgy. 3 credits

TEA 325 - Improvisation and Theatrical Games

Analysis of the different theatrical theories on representation, cultural studies, and performance studies applied to different contemporary theatrical and non-conventional performances. The student will have the opportunity to analyze different productions through a theoretical approach focused on the body, content, theatrical space, aesthetic decisions, communities involved and representations of identity, all within a specific historical, social, political, and economic context. The student will have to analyze how different theatrical

representations convey knowledge about identities and their power relations: race, gender, sexual preferences, and social classes. 3 credits.

TEA 362 - Acting for Film and Television

Workshop on the technique and art of acting for film and television. The acting work in front of the cameras differs from the theatrical because it requires knowing how to work with the technological medium, developing absolute naturalness and a projection different from the theatrical. Therefore, the workshop covers the study of basic techniques of acting on camera, characterization of film and television characters, and assembly of short pieces. As film and television acting is a different technique from theatrical acting, it has no prerequisite; it can be taken by both inexperienced beginners and trained stage actors. 3 credits.

TEA 391 - Production Workshop II (Prerequisite: TEA 230)

This course reflects the ways in which theatre can give voice and represent the most marginalized sectors of society. As part of the course, the group works with a community outside the university with whom they carry out an artistic collaboration assembling a play, whose content reflects the problems and conflicts faced by marginalized sectors. The course involves study meetings, discussion, and analysis of the work to be represented, hours of research on topics presented by the professor, and periodic rehearsals outside of class hours. 3 credits.

TEA 410 - Dramaturgy Workshop

Introductory practical theatre writing workshop that leads the student to experiment with the different components of theatre writing: action, conflict, dialogue, and character building. This course proposes to build different ways of telling stories considering and questioning the current representations and constructions of identity and their possible social effects. Aimed at those interested in developing theater, film, television, novel writing, and other literary genres. The student must finish a one-act play by the end of class. 2 credits.

TEA 420 - Puerto Rican Theater

Theoretical and practical study on the history and theatrical work in Puerto Rico. The most important works of Puerto Rican dramaturgy are analyzed, as well as their main figures in the Puerto Rican theater scene and the diaspora. The course focuses on how the construction of Puerto Rican identity has developed in theater and what have been its possible contributions to the social, cultural, political, and economic formation of the island and the diaspora. 2 credits.

TEA 425 - Stage Direction (Prerequisite: TEA 120, TEA 215 and TEA 210)

Theoretical and practical study on the theatrical direction, training, and evolution of the figure of the director. Analysis of the fundamental principles governing stage direction. At the end of the course, the student must present a brief management work to share with the university community. Requires 30 workshop hours. 2 credits.

TEA 435 Directing I

Theoretical and practical study on theatrical direction, training and evolution of the figure of the director. Analysis of the fundamental principles that govern stage direction. At the end of the course, the student must present a short management project to share with the university community. 3 credits.

TEO 110 - Exploration of the Bible, Jesus, and His Life Proposal

This introductory course to the figure of Jesus of Nazareth and the Judeo-Christian Holy Scriptures offers students, in their first year of exploration studies, a historical approach to Jesus and his life proposal as a foundation of Christianity. Through a panoramic study of the biblical theological movements: Sapiential Literature, Prophetism, Evangelical Spirit, Pauline Epistles, as well as Apocalyptic Literature, students will begin to comprehend the figure of Jesus, the values he proposes, and how these can support any ethical-social professional commitment. 3 credits.

TEO 115 - Exploration of Christianity's Vision of the Human Being

In this course, students will explore the phenomenon of the human being from a Christian perspective according to the Sacred Scriptures. Therefore, the course follows the latest affirmations on Catholic doctrine on the human being as 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, such as the dignity of human life, the experience of gender and sexuality, the right to education and work, personal and collective acts of evil, and situations of oppression of the human being, students define the type of person they wish to be in society. 3 credits.

TEO 120 - Introduction to Latin American Theological Thought

Through specific readings of Latin American theological production, the student will be exposed to the philosophical, biblical, and systematic foundations of liberationist thought, passing through the basic disciplines of theology: Christology, ecclesiology, morality, and eschatology. By studying selected authors of the Latin American theological corpus, students will acquire the fundamental criteria of liberationist hermeneutics to theologically address the central issues of faith and praxis in the Judeo-Christian tradition. 3 credits.

TEO 125 - Analysis of Reality for Socio-Theological Projects

This course offers the basic contents to make an analysis of reality with a scientific character and socio-theological ethics from the understanding of the levels of consciousness that govern the interpretation of social processes. It will also provide the principles and criteria for understanding the social mediation of the theological sciences in a society understood as a living organism, with a dynamic functioning in permanent and continuous construction. The course introduces practical exercises from methodologies and analysis models with contextual and social promotion approaches. This course will be linked with Centro Sofia. 3 credits.

TEO 210 - Pastoral Theology and Social Management

Understood from the conciliar ecclesiology, this course will theologically study the praxis of the ecclesial community and its members from its biblical, doctrinal, and social foundations to the theology of ministries and vocations. It gives specific reflection to the socio-ecological practice of the Church, its planning, projection, implementation, and evaluation. For the realization of pastoral practice, the bases will be offered to understand and carry out management in public or private service institutions, social groups, community initiatives, non-profit organizations, and faith-based educational, social or health care institutions, etc. Paradigmatic institutions in these areas will be used as faith-based learning experiences. 3 credits.

TEO 215 - Reconciliation of the Social Fabric and Studies for Peace

The course addresses theories that explore the nature and causes of conflict, the possibilities of conflict resolution, and the foundations for reconciliation and peace. Students are provided with the tools of analysis and action for contemporary social conflicts from social moral theology in dialogue with the sociobiological, anthropological, sociological, social psychology,

economics, and political science points of view. Practical evidence is offered from the evangelical values and the socio-pastoral management on processes of reconciliation of the social fabric and the construction of peace. This course will be directly linked to Centro Sofía. 3 credits.

TEO 225 - Christian Social Thought and Entrepreneurship

Grounded in Christian social thought as set forth in both Catholic social encyclicals and other Protestant social manifestos, this course provides a socially relevant experience to help students gain deep insight into the value of social entrepreneurship with the goal of poverty reduction, the protection of the planet, gender equity and sustainability, among others. Through case studies, readings and collaborative work, students will learn to think strategically and acquire the relevant market skills to act in a timely manner with a mindset of socially conscious entrepreneurship and pastoral zeal. There will be exposure to various organizational social models making tangible progress in serving marginalized communities or ecosystems. This course will be linked to Neeuko and Centro Sofía. 3 credits.

TEO 236 - Spirituality and Integral Human Development

The course will make known and experience the connection that exists between spirituality and integral human development as a path of search and happiness for people. For its development, it recognizes and uses the interdisciplinary contributions of culture and society, biology (the brain), evolutionary and transpersonal psychology, spiritual intelligence, and religious traditions. It emphasizes in Christianity Jesus of Nazareth, the fully human and divine being. The course combines exercises and practices for the development of spirituality and human quality, along with theoretical study, reflection and personal group sharing. 3 credits.

TEO 315 - Solidarity Leadership and Participation Models

The course addresses the different theories and styles of participatory leadership aimed at the development of people capable of influencing, encouraging, and managing movements and transformations evident in reality. Through open discussions, models of leadership and participation are linked transversally with the theological proposals of humanism, Christian ethics, and contemporary ecclesiology (synodality). Students will be encouraged to immerse themselves in real group and community dynamics in which they can lead innovative methodologies of communion and citizen and community participation. This course will be linked to Centro Sofía. 3 credits.

TEO 318 - Spiritual Traditions (Prerequisite: TEO 236)

This course reviews the great spiritual traditions of East and West from the point of view of an integral spirituality. The theological foundations and psycho-somatic and social assumptions of Judeo-Christian and Islamic mysticism will be addressed, as well as practices from Hinduism, Buddhism, Taoism, contemporary psychotherapy, among others. A healthy practice of cultivating spirituality will be explored as part of professional integration into leadership for social action. This course will be linked to Centro Sofía. 3 credits.

TEO 415 - Seminar in Current Theological Trends (Prerequisites: TEO 120 y TEO 225)

This seminar-type course will address theological issues that set the current trend. Through open discussions that start from a selected bibliography about the topics agreed in each session, students will delve into the theological hermeneutics that address pressing situations in contemporaneity. Each section of this seminar may have a different thematic thread. This course will be linked to Centro Sofía and the MMTG Library. 3 credits.

TEO 425 - Seminar in Psycho-Spiritual Management (Prerequisites: TEO 236 y TEO 318)

This seminar-type course theoretically addresses the set of psychological processes that allow human beings to identify and modulate their emotions for personal and social performance from a point of view in which spirituality is an integral part of this management. After an introduction to the basic concepts of the psychology-spirituality relationship, the seminar will be developed through open discussions that start from a selected bibliography about the topics agreed for each session. It includes personal and group practical exercises of psycho-spiritual management. This course will be linked to Centro Sofía. 3 credits.

TEO 430 Theology of Care and Ethic of Love

Starting from the anthropological observation that all human life is thrown into the world in a vulnerable way and, therefore, dependent on others, this course reflects on the paradigm that defines the essence of the human being through care as a fundamental attitude towards oneself and towards the world: environment and society. Care will be studied, mainly from the thought of Leonardo Boff, as an "affective commitment to the other," as a way of being through which the person goes out of himself and focuses on the other with concern and solicitude." From the Old Testament perspective of Creation and the social concern of the Prophets, the course will provide students with the foundations to understand and assume personally and socially what has come to be known in moral philosophy as an "ethics of love". 3 credits.

TSO 209 Social Problems

This course studies the conceptualization of the social question, the relationship with the categorization of the concept of social problem, and the ethical, economic, and socio-political dilemmas underlying contemporary social reality, mainly Puerto Rican. The course is designed to encourage students to reflect, analyze and discuss the social issue, starting from a holistic, critical and transdisciplinary perspective. Students are expected to be able to explain the Puerto Rican reality through the development of critical thinking skills that allow them to think about the discourses that legitimize knowledge in society, based on the perspectives of human rights and what is considered the common good. The course is an elective one, aimed at students of any discipline. 3 credits.

TSO 210 - The Social Work Profession: Debates and Dilemmas

This course is an introduction to the profession of Social Work, with emphasis on the description and analysis of its relationship with the development of social policies and the transformation of states. Debates and dilemmas are addressed in the profession, its preconceptions, and its role in the solution of social problems in Puerto Rico from a human rights perspective. It provides for the critical examination of the historical background of this profession to students interested in knowing and considering Social Work as a professional career. Requires an additional 30 hours of volunteer service. 3 credits.

TSO 305 - Human Behavior and Social Environment I

This course is the first of a sequence of two courses dealing with the study of human behavior in interaction with the social environment. Special emphasis is placed on the analysis of the interactions between systems (culture, society, community, and organization) within the global context and their implications for various social groups. The perspectives of human rights and systemic social are studied, among other theoretical perspectives necessary for generalist practice in Social Work. The course integrates knowledge of the behavioral sciences, biology, psychology, sociology, and anthropology and is aimed at students of Social Work and related disciplines. 3 credits.

TSO 306 - Human Behavior and Social Environment II (Prerequisite: TSO 305)

This course is the second in a sequence of two courses dealing with the study of human behavior in interaction with the social environment. It places special emphasis on the analysis of transactions and interrelationships between the person, families, and groups with other systems of society. Human development is studied in an integrated manner using human rights and systemic social perspectives, among other theoretical perspectives necessary for the understanding of human behavior. It also integrates the recognition of human diversity present in the different social systems, with special attention to aspects of sexual orientation, age, social class and physical or mental disability; conducting a critical analysis on the effect of these attributes on the social systems of groups, families, and individuals. The course is aimed at students of Social Work and related disciplines. 3 credits.

TSO 312 - Social Work with Groups, Communities, and Organizations (Prerequisite: TSO 306)

This is a course that aims to train students in understanding and facilitating social collectives: groups, communities, and organizations. The course focuses on the introductory study of the theoretical and methodological foundations related to group dynamics and community organization processes. Students are exposed to the critical analysis of the socio-historical context in which the needs of citizenship arise and the role of organized social groups as protagonists of concerted responses in contemporaneity. Emphasis is placed on the role that Social Work professionals assume as facilitators of transformation processes in an innovative and critical intervention. Theoretical-practical integration is materialized through an active learning experience in a community-based organization. The course is aimed at students of Social Work and other related disciplines. Requires 15 hours of active learning experience in a community-based organization. 3 credits.

TSO 315 - Social Work Method I (Prerequisite: TSO 306)

This course corresponds to the first level in the two-level sequence of Method in Social Work courses. It introduces the Generalist Intervention Model using the method of solving problems with individuals, families, groups, communities, and organizations. In addition, it provides an opportunity to examine other intervention strategies, such as the Crisis Intervention Model. The course focuses on providing students with learning about the generic practice of Social Work with different systems, the importance of considering the ethical dilemmas that this implies and the parameters to establish an effective professional relationship. It emphasizes the engagement and appraisal (weighting) phases at the micro, meso and macro levels, exposing students to theoretical analysis and practical application through the design of active learning situations. The course is offered only to students in the Social Work major. 3 credits.

TSO 317 - Social Welfare Systems

The course examines the development of the social welfare system and social policy from a critical, historical, and inclusive perspective of human rights. The process of analysis, formulation, implementation, and evaluation of social policies is studied. This considers contemporary patterns of social service provision and their repercussions for socially and economically disadvantaged populations. It analyzes the existing debates and dilemmas of the role of professional social work practice in the development of affirmative policies and the ways to engage in these processes through practices that promote social justice, such as social action. The course is aimed at students of Social Work and related disciplines. 3 credits.

TSO 320 - SOCIAL WORK METHOD II (Prerequisite: TSO 315)

This is the second course in the sequence of the two levels of Method in Social Work dedicated to the discussion, analysis, and use of the Generalist Intervention Model in Social Work with individuals, families, groups, communities, and organizations. It emphasizes the study and application of the following stages of the Generalist Model at the micro, meso, and macro levels: planning, implementation, evaluation, completion, and monitoring. Through the use of active learning, the course allows students to apply the studied content to different situations and diverse populations that they will subsequently work with in their supervised practice scenarios. Only for students in the Social Work major. 3 credits.

TSO 400 - Social Work Practicum I (Prerequisite: TSO 320)

This is the first of two sequential courses offered to social work bachelor students to undertake supervised internship at a community social service agency. The aim is for students to become familiar with the role of the professional in Social Work, the assigned practice scenario, the services offered and the population participating in them. The course requires the student to complete fifteen (15) hours per week of practical experience in the assigned center, for a total of 210 hours in the semester, three hours of weekly contact at the University with liaison professor (45 semester hours), and twelve (12) hours per semester of professional development workshops. Only for students in the Social Work major. 3 credits.

TSO 403 - Social Work Practicum II (Prerequisite: TSO 400)

This is the second of two sequential courses offered to Social Work bachelor students to undertake supervised internship at a community social service agency. The course provides students, who are about to complete their bachelor's, the opportunity to integrate knowledge, skills, and values required for competent professional practice through the application of the Generalist Practice Model in Social Work with individuals, families, groups, communities, and organizations. The course requires students to complete fifteen (15) hours per week of practical experience in the agency or organization in which they were placed in the TSO 403 course, for a total of 210 hours in the semester; three hours of weekly contact at the University with liaison professor (45 semester hours) and twelve (12) hours per semester of professional development workshops. Only for students of the Social Work major. 3 credits.

Graduate-Level Specialty Courses**CFI 605 - Statistics**

This course is designed to provide students with knowledge and experience with statistics and the scientific method. The following topics are covered: data description; probability; random variables; discrete and continuous distributions; estimate; hypothesis testing; chi-square distribution tests; linear and multiple regression analysis; analysis of variance; and nonparametric statistics. Emphasis will be placed on frequency distributions, descriptive statistics to summarize measures of central tendency and variability, measures of association, variance, statistics to test hypotheses, and statistics used to assess validity and reliability. Students will participate in several projects that require the use of statistics by analyzing the concepts and principles that underpin the epidemiology of physical activity. They will check through statistical studies the population prevalence of physical activity and sedentary behavior in order to understand the evidence on the main health outcomes. The course also emphasizes the use of packages such as Excel and R for data analysis. 3 credits.

CFI 610 - Exercise Physiology

The purpose of this course is to provide graduate students within the field of rehabilitation sciences, with knowledge of the theoretical and applied aspects of exercise physiology. An in-depth understanding of how the body responds when exposed to acute and chronic exercise episodes will be provided through lectures and laboratories. Topics discussed will include physiological responses and adaptations of the cardiovascular, respiratory, metabolic, and neuromuscular systems to exercise, assessing cardiorespiratory fitness, body composition, anaerobic performance, and muscle fitness. The student will be able to design exercise programs for health and well-being, including special populations, in addition to working with sports performance using environmental considerations. 4 credits.

CFI 615 - Research Methods in Exercise Science (Prerequisite: CFI 605)

This course will provide students with integrated training in exercise science and prepare them to administer research tests in the area. This will be achieved by exposure to the scientific method, experimental research methods, statistical and measurement concepts commonly found in exercise science research. In addition, students will learn about current trends and research topics in the areas of exercise physiology and physical activity. Finally, students will prepare their thesis proposal. 3 credits.

CFI 620 - Medical Biochemistry and Nutrition

This course discusses the biochemical aspects of nutrition in humans. It studies the macromolecules of carbohydrates, lipids and proteins, and the relationship of the metabolism of each of these with health. Clinical correlations are presented in each topic related to metabolic pathways. The course culminates by detailing the biochemical aspects of obesity and diabetes as examples of chronic diseases. 3 credits.

CFI 625 - Measurement and Evaluation of Physical Activity and Sedentary Behavior (Prerequisite: CFI 610)

This advanced course examines theory and develops practical skills for measuring body composition and cardiovascular, neuromuscular, and metabolic function during exercise. Students will learn about equipment commonly used in exercise science and the principles of using these instruments, including the influence of amplification, filtering, and sampling of calibration and signal processing. They will also learn computer data acquisition, the pros and cons of various measurement approaches and gain experience in selecting subjects for exercise testing, data analysis and interpretation of test results. The student will participate in practical experiences and skills in the measurement and quantification of physical activity and sedentary behavior. They will also develop transferable skills in data organization, analysis, and interpretation. 4 credits.

CFI 630 - Interventions for Physical Activity and Health

The benefits of physical exercise and disease prevention have been strongly supported by scientific research. Regular physical activity can help reduce the risk of various conditions and diseases and is known to improve overall quality of life. This course has been designed to provide students with the knowledge necessary to develop a safe and effective exercise program based on background information gathered from the client, evidence-based training principles, and appropriate exercise techniques. 3 credits.

CFI 705 - Physical Activity in the Prevention and Treatment of Chronic Illness (Prerequisite: CFI 625)

This course will allow the student to learn how "lifestyle diseases" such as obesity, type 2 diabetes, and cardiovascular disease, can be prevented and treated with exercise. Students

will learn about medical costs, risk factors, and the role physical activity plays in preventing and treating these leading causes of death in Puerto Rico. 3 credits.

CFI 710 - Exercise and Health Prescription (Prerequisite: CFI 705)

Students will learn the recommendation of Frequency, Intensity, and Time (FIT) for exercise prescription. This course is designed to enable students to understand and apply the basic requirements of health and fitness testing, exercise prescription, instruction, supervision, and communication for the general population. This course will be taught through a modified team-based learning model, and students will be responsible for delivering health tests, fitness, and training programs of their own design to their peers. The objective of this course is for the student to develop knowledge, critical understanding, and skills related to the development, implementation and evaluation of interventions aimed at improving with the various modalities of physical activity as an alternative and health. 4 credits.

CFI 715 - Research Thesis (Prerequisite: CFI 710)

The aim of this course is to conduct and report on an original research study of an aspect of physical activity as medicine. During the course, the proposal created by the student during the Exercise Science Research Methods course is completed and executed. This course is designed for the student to develop knowledge about the interdisciplinary nature of behavioral medicine and its impact on health, encompassing the development and integration of psychosocial and biomedical knowledge and techniques relevant to chronic nontransmissible diseases. 3 credits.

CRE 600 - cConceptualization and Research for Creative Projects - This course introduces the student to research methodologies applicable to creative disciplines, with an emphasis on performing arts, visual arts, design, heritage, media, and digital content, among others. The application of methodologies such as ethnography, discourse analysis, research/action and statistical analysis, among others, is discussed, with a focus on mixed and interdisciplinary methodologies for application in creative production. Trend analysis, cultural criticism, and academic literature in the various creative disciplines are discussed. Three (3) credits.

CRE 620 - Intellectual Property and Value Creation - This course proposes intellectual property as one of the key resources for converting creative work into economic value. The scope of the legal and regulatory framework applicable to Puerto Rico is discussed, but through an analysis comparable to the Latin American context. This, as a starting point for the analysis of strategies for commercialization of intellectual property, whether through patents, copyrights, trademark rights and trade secrets. The course analyzes case studies and presents a critical look at the challenges of intellectual property in areas such as fair use, technological development, derivative products, and ancestral knowledge. Three (3) credits.

CRE 625 - Mentoring for Creative Project I - This course consists of a laboratory that accompanies the conceptualization and research stage for creative projects. Students are assigned to interdisciplinary groups with a creative mentor with the aim of advancing this phase for their creative proposals. The course includes research

exercises, critique and feedback sessions, and liaison with professionals in the creative ecosystem related to the students' areas of interest. One (1) credit.

CRE 630 - Design for the Creative Industries - This course guides the student in the teaching and use of design methodologies as key tools for the creative and transition professional from conceptualization and research. User-centered design is proposed as a creative approach to problem-solving that starts with people and ends with innovative solutions. Design methodologies support the development of creative goods/services, from the living and visual arts to industrial production. Three (3) credits.

CRE 640 - Entrepreneurship and creative management - This course focuses on the process of formalizing a creative proposal. It is based on an analysis of the value dynamics generated by art and design from an economic, social and cultural perspective. The course explores the entrepreneurship process from the value proposition, the sources of financing, the sustainability model and the legal and regulatory aspects in the formalization of a project or creative entity. Legal structures, business models, and marketing and communication strategies are discussed from a critical perspective and cultural innovation. Three (3) credits.

CRE 650 - Mentoring for Creative Project II - This course consists of a laboratory to support the design stage in creative projects. Students work together with a mentor who segments the experience into different deliverables that allow for reflection on the creative process. The course includes design exercises and co-creation dynamics, as well as group critique, feedback and liaison with professionals in the creative ecosystem related to the students' areas of interest. One (1) credit.

CRE 710 - Leadership and management of creative entities- This course introduces you to the knowledge and skills needed to lead a creative entity. Key managerial aspects such as human talent management, financial administration, and market and marketing strategies are discussed. The project is based on the importance of designing organizational structures that respond to the project's mission and prepares students to occupy leadership roles in the creative ecosystem. The course focuses on decision-making based on managerial information applied to the environment of the cultural and creative industries. Three (3) credits.

CRE 725 - Creative development and production - This course proposes creative production as the exercise of transitioning a creative proposal from an idea to a project. The course includes content such as the formalization of projects through proposals, the identification of human, technological, material and capital resources and the communication narratives necessary to bring the proposal to its potential audience or collaborators. Impact indicators and project evaluation methodologies are discussed. Three (3) credits.

CRE 750 - Mentoring for Creative Project III- This course allows the student to advance their creative project through the tools of planning and development. The course includes proposal writing exercises in different formats, budget, and brand identity, as

well as group critique, feedback, and liaison with professionals in the creative ecosystem related to the students' areas of interest. One (1) credit.

CRE 775 - Creative Project- This final course contemplates the implementation of one phase or the entire creative project. The seminar contemplates special topics through keynote talks related to the approaches of the cohort. It analyzes the trends in the creative ecosystems that are expected to impact and promotes a direct interaction with its key resources, whether they are people (artists or creative) or public and private entities. Academic or internship travel options are contemplated as exercises within the course that enrich the proposals and final implementation of the projects. Three (3) credits.

ECT 605 - What is Literature and Other Questions

This course examines different answers to key questions in the exercise of creative writing: What is Literature and what is its function? What are the characteristics of a literary text? How is poetic language different from ordinary language? What is the relationship between the background and form of a literary text? What is the role of the writer? How do you read literature? This course does not focus on the substantial analysis of literary theories and criticisms, but on how they illustrate the creative process from different perspectives. 3 credits.

ECT 610 - Writing and Grammar

Practical study of Spanish grammar incidentally in students' essays by explaining their errors. 1 credit.

ECT 611 - Narrative Workshop

Basic course-workshop for students interested in narrative writing. The traditional characteristics of fictional narration are studied by reading some poetics of authors, as well as relevant works of universal narrative. Through writing exercises designed to promote the development of imagination and stylistic skills, emphasis is placed on the basic structures of the short story and the novel –as the main narrative genres– and on the basic elements of fiction, voice, time, point of view, character creation, story, plot, and space. 3 credits.

ECT 612 - Poetry Workshop

Basic course-workshop for students interested in poetic writing. The traditional characteristics of poetic writing are studied by reading some poetics of contemporary authors, as well as relevant works of universal poetry. Through writing exercises designed to promote the development of imagination and stylistic skills, emphasis is placed on the basic structures and elements of the poem: person, voice, tone, rhythm, diction, imagery, and figures of speech. 3 credits.

ECT 620 - Advanced Narrative Workshop (Prerequisite: ECT 611)

Intensive workshop dedicated to the study and practice of the most complex resources and styles of narrative writing. In particular, the techniques of contemporary fiction around the opening and closing of a narrative, the handling of dialogues and thoughts, changes of perspective and the articulation of conflict or argument are explored –through selected readings and special lectures. Students work with the proper handling of language in the narrative, from the recognition of the most common errors. 3 credits.

ECT 621 - Advanced Poetry Workshop (Prerequisite: ECT 612)

Intensive workshop in which the most advanced forms and styles of poetic writing are studied and practiced. In this course students refine and develop their writing, while exploring a variety

of poetic techniques, genres, and strategies. The emphasis of the course is on the consolidation of the poetic voice. Critical commentary on texts written in class is also practiced. 3 credits.

ECT 630 - Editorial Entrepreneurship and Management

This course emphasizes the role of the writer as an entrepreneur through multiple workshops on the traditional publishing industry, models of independent publishers in Cuba, Central America and Puerto Rico and emerging publishing alternatives, legal and ethical aspects of the exercise of publication and marketing strategies. 3 credits.

ECT 700 - Degree Project: Ideation and Validation

This course reflects on the creative proposal outlined in the Statement of Purpose submitted by the student in his admission process to the Master's Degree in Creative Writing. The originality and scope of the project are validated, and expectations and work schedule are established. 1 credit.

ECT 705 - Degree Project: Development

In this course the student will continue working on the development of his or her creative project. With the advice of their director, students will work on the revision of their drafts. At this stage it will be decided if any turn or change in the work proposal is necessary. The student must complete in this course 20-25% of the total estimated pages in their project. 1 credit.

ECT 710 - Tradition and Innovation: Great Literary Works

This course discusses, through analysis and interpretation, a heterogeneous selection of literary texts that, due to their reception or discursive or aesthetic value, are considered relevant in universal literary production until the nineteenth century. 3 credits.

ECT 715 - Integrative Workshop: Creative Explorations

This workshop explores, from narrative writing and poetic writing, techniques, themes, and subgenres of contemporary literature. 3 credits.

ECT 720 - Degree Project: Execution

In this course the student will finish their manuscript and submit the final version to the evaluation of their director, who will use an institutional rubric. The delivery of the final version will be accompanied by an oral presentation on the process and result of the degree project. 1 credit.

EDU 660 - Fundamentals and Theories of Learning Applied to ICTs

This course explores the various psychological and sociocultural theories of human learning used mostly by educators and educational researchers. In particular, the course focuses on the explanation of three main theories about human learning and its relevance: the information processing theory of cognition, the situated learning theory of cognition, and the cognitive theory of multimedia learning. As part of the course, students will analyze, through research in the field of education, how prevailing educational theories have influenced perceptions and approaches of educational technology applied to teaching and learning. 3 credits.

EDU 665 - Instructional Design and Digital Media for Teaching and Learning

This project-based course comprises various instructional design models and effective pedagogical strategies for face-to-face or distance learning environments. It focuses on theoretical and practical aspects related also to digital media design in teaching (e.g., videos, podcasts, apps, infographics) and virtual environments (e.g., interactive websites, online

courses) for teaching and learning. This course integrates hands-on experiences with various systematic instructional designs in simulated learning environments. 3 credits.

EDU 675 - Digital Tools and Applications in XXI Century Education (Prerequisites: EDU 660 y EDU 665)

In this course students will explore the variety of digital tools and applications that can be used in the teaching and learning process. They will learn to evaluate digital tools and applications to make informed decisions. Students will engage in a series of technology-related design challenges to build confidence, knowledge, and skills in designing and using technologies for teaching and learning. Students will explore contemporary theoretical, social, and practical issues related to the use of new technologies in formal and informal educational settings, K-12 and above. 3 credits.

EDU 680 - Digital Audiovisual Design and Production for Educational Purposes (Prerequisites: EDU 660 and EDU 665)

This course explores the basics of video production, including pre-production (e.g., screenwriting, storyboarding), video recording (e.g., composition, equipment, digital tools, lighting, audio), and post-production (e.g., editing). Through project-based activities, students will learn how to apply their knowledge of multimedia design principles and learning theories to the development of interactive and accessible videos that enhance teaching and learning. 3 credits.

EDU 685 - Web Design for Education (Prerequisite: EDU 675)

This course introduces the basics of educational website design such as online courses, digital portfolios, and online learning modules to enrich teaching processes. Through interactive projects, students will learn to identify, use, and apply design platforms, focusing on website creation (e.g., Canvas, Google Sites, WordPress) and not on mastering the programming language. Topics covered in the course include multimedia production, visual design, digital accessibility, writing for the web, copyright and Creative Commons, and usability testing. The course will feature multiple authentic learning web design projects, such as developing digital portfolios, as well as modules for an open online course. 3 credits.

EDU 690 - Virtual Reality and Other Immersive Media as Educational Strategies (Prerequisites: EDU 675)

This course explores the infinite possibilities of virtual reality in teaching and learning. It delves into how digitally generated immersive environments favor the assimilation and meaningful learning of didactic content through active learning based on play and problems. It also highlights how virtual reality propitiates teaching environments that foster interest and collaboration. The benefits of virtual and augmented reality are explored not only in typical students, but also in students with functional diversity. There will be exposure to practical experiences using immersive media in 3D format. The purpose of this is the integration of virtuality into instructional design as an effective resource that promotes skills applied to STEAM. 3 credits.

EDU 710 - Learning Through Digital Media I (Prerequisite: EDU 680)

This seminar-type course allows immersion in the real space of media and technology for the design and construction of digital learning objects. Through active and face-to-face participation in Sagrado's media labs, namely StudioLab, Sagrado Educational Studios and other components of the Communication Center: *Multimedios*, the student will acquire the fundamental technological experience required by the educator specialized in learning, media,

and technology. This seminar will be held in face-to-face mode in the third trimester of studies. 3 credits.

EDU 715 - Learning Through Digital Media II (Prerequisite: EDU 710)

This seminar-type course is conducive to the completion of the degree project through an electronic portfolio that reflects the knowledge and progress of the skills acquired through the specialization courses leading to the master's degree. It is expected that in the electronic portfolio the pedagogical objects designed as a professional sample will be exhibited. 3 credits.

GME 611 - Marketing Management

This course studies the specificity of marketing management as a critical managerial function for the administration of organizations and companies, its strategic foundation, and its relationship with other managerial functions. The stages of the management cycle are analyzed: analysis, planning, implementation of programs and evaluation of marketing results. The components corresponding to each of the stages of marketing management are considered: market analysis, segmentation strategies, selection of the market of interest, and marketing mix positioning and strategies. The emphasis of the course is strategic and focused from the perspective of the general management of the company. 3 credits.

GME 614 - Global Marketing

This course studies the concepts, operating methods and problems faced by companies that develop commercial activities in the international arena. The economic, political, cultural, and geographical factors affecting the international trader are analyzed. The adequacy of marketing and communication plans and strategies to different cultures is discussed, as well as the study of competing firms operating in specific markets and the different regulations of the new market in which it is intended to venture. 3 credits.

GME 620 - Internet Marketing

This course provides the knowledge to understand how the Internet works and how it is used to market goods and services. The student will learn terms for website design, including the tools and technologies that make it possible. In addition, it studies the fundamental changes that have occurred in society with the arrival of the Internet and other information technology that facilitates the creation, management, exchange and use of information. The course emphasizes the dramatic way in which the internet can impact all elements of an organization's marketing strategy: advertising, sales, distribution, price, and product. 3 credits.

MBA 601- Leadership and Organizational Development

The course introduces and discusses the most important aspects in business leadership development. It discusses the importance of three key aspects of the managerial role: the importance of strategic vision, planning processes at executive levels, and the use of quantitative and qualitative analysis for effective decision making in companies. 4 credits.

MBA 602 - Legal Aspects, Ethics, and Social Responsibility

The course presents the explanation of the legal framework that affects the ethical performance of the manager, officer and/or business manager. It focuses on the aspects of greatest relevance to the Puerto Rican market inserted in the global environment, such as: contracting, damages, and professional liability. In addition, it studies other areas, such as: protection of intellectual property and regulatory compliance with special legislation relevant to the business environment. This course discusses the role of business in social development. As part of the ethical component, the conditions of the environment are identified in order to develop strategies that achieve social impact to improve the living conditions of stakeholders

and avoid negative externalities of business management. Tools and methodology are presented for companies to address responsibility in a structured and consistent way. 2 credits

MBA 618- Industry Analysis, Forecasts, and Trends

This course presents and analyzes different methodologies to understand an industry or business sector. It starts from the macro environment, including variables of an economic, legal, environmental, and cultural nature. Value chains and business ecosystems are analyzed to identify challenges and opportunities, establish trends, and project their development in the short, medium, and long term. These tools allow the manager to make strategic decisions of vertical or horizontal integration, growth and innovation of products or services. 2 credits.

MBA 619- Business Finance

This course discusses the importance of establishing various indicators to monitor business management and informed decision making. Tools are presented for the development of yield and financial performance indicators, ratios, and their weighting as an exercise to support management. Methodologies and tools for the collection of information and its analysis are presented. Topics such as cost allocation, budget, valuation and planning, and control are also discussed as necessary aspects to guarantee the maximization of resources in the operation of the company, always complying with the ethical and social responsibility requirements of the entity. In addition, the main financing alternatives, and the strategies necessary to raise the necessary capital are discussed. Incentives and crowdfunding are discussed as alternatives without repayment, debt issuance and private equity investment, among other alternatives. 4 credits.

MBA 706- Entrepreneurship and Innovation

This course introduces and discusses the importance of developing an entrepreneurial mindset within companies. Methodologies for entrepreneurship and tools for the different stages of the process are discussed, ranging from the identification of opportunities to the execution of new products or initiatives. The course proposes design thinking as a methodology applicable to different components of the company. This methodology is based on a customer-centric design and includes the observation, definition, and testing through prototypes of the proposed solutions. Finally, the course starts from the concept of business model to discuss the strategies through which companies remain competitive in the market. Different types of innovative business models and their application to multiple industries are discussed. Emphasis is placed on creative thinking and its application for this type of innovation in family businesses. 4 credits.

MBA 707- Supply Chain Management and Logistics

This course discusses the main theories, practices and problems related to operations in production or service companies. Managerial aspects such as production capacity, use of facilities, inventory management, projections and project management are handled. The course also contributes to understanding the planning, management, and evaluation of performance in the supply chain of a company. Aspects such as process development, management of external suppliers, quality control, optimization and related costs are discussed. 2 credits.

MBA 713- Marketing Management (Prerequisite: MBA 702)

This course discusses the role of marketing management in the development of marketing strategies including positioning and identification of potential markets. Topics related to brand identity, customer relationship management, strategies to reach new segments and brand loyalty, among others, are presented and discussed. Recognizing the speed and constant

changes that consumers face with technological development and the variability of the macro environment, this course presents tools, sources of information and methodologies to know the needs and expectations of certain markets and proposes qualitative and quantitative research as a continuous tool to support decision making. The main trends in different industries, the consumption patterns of their customers and the main marketing strategies and tactics that companies use to reach their customers are identified. The course allows the student to understand these trends as a mechanism for strategic planning and development. 3 credits.

MBA 715- Solution Formulation Project (Prerequisite: MBA 706)

During this course, the student works on a real problem identified in a family business. From a series of workshops in *Neeuko* (Center for Collaborative Innovation), the student must produce innovative solutions to the problem identified, which will be presented to the clients or managers of these companies. The project will include projections of expected results according to the solutions to be implemented. 3 credits.

MMD 610 - Digital Marketing and New Technologies

This course focuses on the following topics: what (product or service to be marketed); for whom (analysis of the existing or potential customer); the how (ideal strategies depending on the product or service, and audience); and how much (Key Performance Indicators, KPIs) to monitor. Finally, the most recent trends in the digital world are examined, so that students remain up to date in the digital marketing industry. Among the topics to be discussed are: chatbots, Artificial Intelligence (AI) applications, voice search (using virtual assistants such as Alexa and Google Home), among others. 3 credits.

MMD 620 - Digital Marketing Strategies

This course exposes the student to the concept, strategy and execution for the creation and distribution of content in campaigns on digital channels that aim to attract prospects who become loyal customers. Emphasis is placed on the following topics: content creation methodologies; the creation of buyer persona; buyer's journey, sales funnel, and lead nurturing techniques, storytelling concept, content distribution strategy and vehicles, including content calendar, and content performance metrics. 3 credits.

MMD 630 - Social Media Management (Prerequisite: MMD 610)

This course analyzes the main social networks such as Facebook, Instagram, YouTube, LinkedIn, Twitter, and Snapchat, as marketing vehicles, in their organic (not paid) and advertising (with investment) modality to achieve the objectives that include but are not limited to creating awareness about a product or service. It delves into which are the optimal vehicles depending on the audience and the product or service, emphasizing considerations that include how to make our message stand out, content development, interpretation of data on campaign performance, and the elaboration of social messages. In addition, effectiveness strategies for organic and advertising campaigns that require monetary investment are discussed and finally the roles of community managers and social media managers are discussed. All this accompanied by a look at the ethical and legal basis for managing campaigns on social networks. 3 credits

MMD 640 - Branding and Public Relations in Digital Media (Prerequisite: MMD 610, MMD 620)

This course examines the relationship between digital media and branding, from brand planning, identity, digital channel selection and measuring campaign effectiveness. In relation to branding, a look at the aspects of digital media is presented from the point of view of its impact and role in brands, including personal branding. It focuses on how to capitalize on the interaction aspect of social media by making communication more direct, personalized, and

fluid and on the discussion about how an online brand is built and how the results are quantified. 3 credits.

MMD 650 - Online Research: Techniques and Tools (Prerequisite: MMD 610, MMD 620)

In this course students will learn about the application of methods and strategies when evaluating online communication tools. It focuses on understanding the true meaning of information through research and development, as well as fostering strategic, critical, and theoretical thinking. At the end of the course students will have a better understanding of the research tools available to develop and evaluate digital media campaigns, including social networks and websites. Finally, they will learn how to research and position their online marketing efforts. 3 credits.

MMD 660 - Effective Communication in Digital Media (Prerequisite: MMD 610, MMD 620)

In this course students will learn about the process of developing and executing a digital marketing plan emphasizing the communication aspect. Some topics will be digital communication campaigns, writing in digital media, language, media selection, video, basic principles of production, and communication strategies in another context. The emphasis will be on creative writing for digital media. 3 credits.

MMD 710 - Evaluation of Digital Media Campaigns (Prerequisite: MMD 610, MMD 620, MMD 630)

This course provides students with the skills and knowledge necessary to organize, measure, question, and act on data obtained from social networks and websites. Information resources include social media and website analytics and metrics, SEO, paid search, social media optimization, ROI from social media efforts, and paid content and coverage obtained in these media. Emphasis is also placed on related topics, such as social listening, benchmarking, forecasting, and web and social media auditing. 3 credits.

MMD 720 - Ethics and Law in Digital Media (Prerequisite: MMD 610, MMD 620, MMD 630)

This course covers the ethical and legal aspects related to the creation and execution of digital campaigns. Topics include privacy, trust, terms and conditions, copyright, intellectual property, confidentiality, defamation, and cybersecurity among others. These themes are explored using real cases and looking at how they impact content on digital media and the relationships between organizations and audiences. 3 credits.

MMD 730 - Digital Marketing Campaign: Execution (MMD 610, MMD 620, MMD 630, MMD 640, MMD 650, MMD 660)

This course works on the strategic planning and production of a digital marketing plan according to the needs and situations of a company or entity and its different audiences. It provides a space for the student to put into practice theory, analysis, creativity, and digital strategies within the legal framework and professional ethics in an environment close to the reality of work. The purpose is for the student to integrate the knowledge and skills acquired in the master's degree in this culminating course, so that they can have experiences that allow them to perform professionally in the field. The capstone is a type of learning through practice and for this reason the work that the student does during the course serves as a credential and experience during his job search or professional development. 3 credits.

NRD 610 - Conceptual and Technological Bases of Digital Narratives

This course addresses the essential contents and the most effective strategies of narratives in digital media. It includes a reflection on the legal, ethical, creative, and narrative implications of content production and dissemination in the digital age. The course explores the cultural

bases of digital narratives and their transformations in recent years as an immediate consequence of the phenomenon of convergence. Students work on the issue of content creation in communicative practices such as journalism, marketing, advertising, and public relations. Likewise, various ways of understanding audiences are presented in the processes that seek their emotional involvement (engagement) to enhance their experience. Finally, it explores the strategic management of the story in different media, platforms, and spaces in which the narratives are placed for the optimization of their use. 3 credits.

NRD 615 - Writing for the Internet

This course conceptualizes interactivity, multimedia, and hyper textuality as fundamental characteristics in the writing of the digital story. It refers to the principles of usability and digital positioning. It puts into practice the styles, techniques, and hypertext formats of writing for digital media. Language processing is practiced in digital text. Non-linear textual production models are tested and compared with traditional styles to end up in the management of digital narrative content. 3 credits.

NRD 710 - Narrative Structures (Prerequisite: NRD 615)

This course explores the various digital narrative structures available for the creation of content in the field of communication, applicable both for audiovisual production, journalism, integrated communication, and for the development of personal branding. It establishes techniques of immersion of stories within the digital context, through the use of words, image, sound, and video. Part of the knowledge of traditional structures (literature, cinema, etc.) to deepen the theory and practice of new narrative formats. 3 credits.

NRD 722 - Creativity and Platforms (Prerequisite: NRD 615)

Course and creative laboratory for the study, analysis, and development of the basic concepts of creativity, design, and platforms. These fundamental concepts are explored as a subject, construct, and technologies for solving problems that promote sustainable economic and social development. This course studies and analyzes the relationships of creative thinking, the discipline of design and communication platforms as milieu or transdisciplinary context. In addition, this course serves to analyze contemporary case studies of platform design that represent transcendental trends and paradigms for communication. On the other hand, in this course the student designs and develops conceptual proposals of platforms that propose sustainable solutions to problems in an innovative way. Methodologies such as design thinking for problem solving and identifying opportunities are presented. Social innovation is proposed through the discussion of the United Nation's Sustainable Development Goals (SDGs). The course combines lectures and/or theoretical seminars with practical creative workshops with a pedagogical methodology of problem identification and project development. 3 credits.

NRD 724 - Audiences and Interactive Designs (Prerequisite: NRD 710)

Students will learn about theoretical, experimental, and practical aspects of interactive design. They will work on the development of interactive communication solutions from the ideation stage to the development stage with the support of their teachers and in dialogue with their classmates. The course will address specific aspects related to the different platforms or technological interfaces used in interactive design, but the main emphasis will be on how these promote the effective dissemination of information and links with audiences. Students will also analyze the most useful platforms or combination of technological platforms for their projects. 3 credits.

NRD 726 - Audiovisual Narratives (Prerequisite: NRD 710)

Theoretical and practical course that seeks to develop the narrative skills of the student through audiovisual technology, lateral thinking techniques for the development of an idea, and different types of audiovisual resources. The use of lighting and its dramatic implementation within the moving image is studied, as well as the operation and prominence of camera movements and frames when telling a story. The production phases of an audiovisual project and how to present a project carried out on different digital platforms are presented, depending on the narrative style used. 3 credits.

NRD 730 - Entrepreneurship (Prerequisite: NRD 726)

Study and analysis of entrepreneurship as a subject, mentality, and platform for the creation of added value through business activity. Various market analysis tools and methodologies are discussed to identify business opportunities, as well as applied research for validation with a target market. Students delve into the development of business models to ensure the sustainability of entrepreneurship. Finally, strategic aspects for its execution are studied and analyzed, including legal aspects, financing alternatives, marketing strategies, organizational leadership, and future trends. Students must prepare a business proposal for an enterprise in interest. 3 credits.

NRD 740 - Project (Prerequisite NRD 726)

The course integrates the development of the final project in digital narratives. It incorporates in a digital portfolio the product proposal with the design, digital content, audience analysis and the proposal of the business model of the selected digital narrative. 3 credits

PER 601 - Emerging and Traditional Media: Convergence and Contrasts

This course familiarizes the student with emerging news media and traditional media in its contemporary state. It teaches the particularities of each medium. It explains its convergence and the economic, social, and information consumption effect generated by it. It describes and defines the history and evolution of 20th century journalism within models of mass communication and identifies the role of journalism in the transformation of society in Puerto Rico and the United States of the 20th century. It analyzes the role of the development of digital technology for the consumer as the engine that created the emergence of the prosumer: producer and consumer of content. It evaluates the challenges of audience retention by traditional media, and changes in their financial models. Look in detail at the dizzying evolution of emerging media, its growth in users, and the financial models that emerge from this evolution. It studies the arrival of fake news, and the impact on the trust that audiences have in traditional and emerging media. It exposes the student to the canons of responsible journalism and social significance and analyzes the challenges of the journalist of the 21st century in the face of the proliferation of emerging media. It introduces the student to advanced search engines, and digital tools that help determine the veracity and sources of the contents. The student will apply this knowledge through a blog that will allow them to publish the assigned tasks and demonstrate their understanding of the platforms discussed in class such as social networks, search engines, verification and validity tools, traditional media, variety of multimedia formats, and their impact. It introduces the student to the different legal frameworks that govern the publication of information in both media, and the impact on consumers. 3 credits.

PER 603 - Transcendence and Impact: Writing and Generating Informative Content for Multiplatforms

This course introduces the student to the similarities and differences in writing techniques and formats between emerging and traditional media. It explains the concepts of interactivity, the

variety of multimedia formats, and nonlinearity in the preparation of texts for the products of WEB 2.0. Exposes to hypertext styles, techniques, and formats in digital narrative. The tools, vernaculars and applications of the news are tested on multiple platforms. Teaches how to write the news supported by sound, image, animations, and dynamic links. It emphasizes the differentiation of contents and formats for the publication of the news on web pages, social networks, and traditional media. Apply the use of keywords to achieve greater efficiency in search engine optimization (SEO). Compare traditional styles with new nonlinear methods and move towards the complete writing of multimedia projects with texts of structures beyond the inverted pyramid. The student will apply the techniques by writing multiplatform content and publishing it on their blog launched in the PER 601 course. 3 credits.

PER 605 - Visualizing Information with Creativity, Ethics, and Compliance (Prerequisite: PER 603)

The course explores innovations in visuality as a narrative language of stories of impact and social transcendence. It leverages the universal aesthetic concepts of photography and video from prevailing traditional media and fuses them with the visual language generated by emerging media users to create a cutting-edge visual narrative. It promotes the use of technological tools to produce audiovisual content that complement the article written on a web portal, and in turn stand out on their own on social networks and other platforms. This course takes advantage of the high technological development of the mobile phone to produce images and sounds from anywhere in the world. Production and publishing formats include photography, video, infographics, mobile videos (captured, edited, and published), VR360 virtual reality videos, live streams, explainers, GIFs, memes, tag cloud, and visual posts for social media. It examines legal and ethical aspects of the creation and manipulation of images and sounds, highlighting the social and legal consequences of their publication depending on the platform selected. The course makes use of the most common innovative programs in the industry. 3 credits.

PER 607 - Aesthetics and Design for Journalism in Digital Environments (Prerequisite: PER 601)

This course familiarizes students with the theory, history, and production of digital platforms. Technical skills are developed to understand the design and usability of web portals from several perspectives: how they look (aesthetics), how they work (navigation and usability), and how they are produced (tools and programs). In addition, this course ventures into the evaluation of contemporary designs of other digital platforms such as social networks (LinkedIn, Facebook, Instagram, Twitter, and TikTok) and blogs. It explains digital scales, geometries and measurements, and their use as narrative elements. The course emphasizes a portal flowchart, navigation maps, taxonomy, interactivity, media convergences, dynamic pages, animation, and digital infographics for storytelling on the web. With this course, students will be able to understand, design, create, and evaluate current and future developments of emerging media. The course prioritizes web design starting with mobile given its ubiquity and primary Internet access point. This course discusses the symbiotic relationship that media, popular culture, technology, and business have with the development of web portals. The course directs the student to demonstrate the skills acquired, designing, and executing their web and mobile news project, where they will reflect their role as an effective, responsible, diverse, and ethical prosumer (producer/consumer) in emerging media. 3 credits.

PER 609 - Investigative Journalism: Data Management and Finding Solutions (Prerequisites: PER 601 y PER 603)

This course provides students with the opportunity to understand and apply research processes, using critical thinking to assess the authenticity of the source, and to interpret the information found. This course highlights the research methods that rose as a result of the emergence of digital media through techniques such as data mining, crowdsourcing, the search for new trends in the Networks (content discovery), geography and sentiment mapping and computer-assisted text analysis. The course shows the processes of requesting information from the federal government using the F.O.I.A. (Freedom of Information Act), and the Puerto Rico Public Information Transparency and Expedited Procedure Act. The decisions of the courts on the obtaining and publication of information on digital and traditional platforms are analyzed. It stresses the importance of transparency, protection of the investigated and validation of data. 3 credits.

PER 612 - Innovation, Leadership, and Change Management in the Media (Prerequisite: PER 607)

This course examines best practices in executive leadership, how to influence change in the culture and corporate functions of both traditional and emerging media, and the terminology of these media. At the same time, the value of entrepreneurial attitude as a fundamental tool of leadership is explained. The relationship between each medium's particular measurement methods and fundamental business decisions is also analyzed. The principles of ethics, diversity, innovation, and social responsibility in a financial environment, whether the for-profit or non-profit environment, are part of the discussion in this course with the aim of preparing the student for their practice in an informative medium. 3 credits.

PER 788 - Cooperative Media Experience (Prerequisite: PER 612)

This course is one of the two options that the student has as a final requirement of the program. The student is offered the opportunity to work in the multimedia newsroom of a media company to observe and learn workflows, participate in the discovery of original stories, and develop innovative projects. The student is exposed to an active and dynamic work environment, with the editorial supervision of an experienced professional from the collaborating media company and the academic support of the faculty of the program. At the end of their internship, the student will present a digital portfolio with samples of the work completed during this period and a reflection on their learning. As a general rule, this course will be completed in face-to-face modality. 6 credits.

PER 789 - Collaborative Innovation Project (Prerequisite: PER 612)

This course is one of the two options that the student has as a final requirement of the program. The student may work individually or with other students, with the prior authorization of the professor in charge of the course, on a project as part of a collaborative alliance between an information media outlet and the Ferré Rangel Communication School. The coordination with the selected medium and topic will oversee the assigned professor, while a media professional will serve as mentor and editorial supervisor. Together, the professor and the collaborating media will approve the topic of the project. The student will use the learned research tools to critically gather information on the assigned topic. Using innovative techniques, the student will produce a series of multiplatform contents to present with transparency, ethics, and professionalism the assigned topic, which will be published in the collaborating medium. Also, students must present a digital portfolio with the sample of their work and a reflection on their learning. This course could be completed in hybrid mode. 6 credits.

PME 600 - The Business of Special Events

This course deals with evaluating the development of the entertainment industry from its inception and establishes the fundamentals of event management, such as planning and development of special events, budgeting, human resources, regulations, and standards of the entertainment industry, among others. Different variants are proposed that include production of theatrical events, musicals, sports, visual arts, talent management, ballet, fashion shows, among others. The student analyzes government requirements and laws that apply to the industry. 3 credits.

PME 601. Legal and Ethical Aspects of the Special Events Industry

This course analyzes the legal framework applied to the special events industry. The course also emphasizes the legal provisions relating to obligations and contracts, commercial activities, copyrights, and the obligations arising from those activities. It examines the sources of law that regulate the entertainment industry in Puerto Rico, at the federal level and international provisions pertinent to the subject. 3 credits.

PME 610. Public Relations in the Events and Entertainment Industry

Study of the field of public relations for special events. The course examines the managerial work of the relationist to communicate to the public an event in its different stages. In this course the student develops the skills to create and carry out a public relations plan that creates a meeting point between the company and its audiences. 3 credits.

PME 618. Special Events Managements

Evaluation and implementation of aspects related to the planning, organization, production, promotion, and evaluation of special events. The course incorporates other important facets within the development of special events such as programming, marketing, operations, security practices, facilities, budget, human resources, and services to the receiving public of such events. The event production industry is discussed locally and internationally. The student compares the different variants, which include production of different types of events in different and possible scenarios to find the best, date, location, costs, and other requirements necessary to produce a successful event. As a course requirement, students develop a special event that is presented at the end of the semester. 3 credits.

RPU 603 - Current Trends in Public Relations

Study of trends in the profession and practice of public relations in public and private companies. This course emphasizes the application of principles and practices of public relations in the face of changes and evolution of the discipline. In addition, the course discusses the management of issues for the prevention and solution of problems, as well as in the management of corporate social responsibility. 3 credits.

RPI 610 - Writing for Public Relations

This course studies the importance of strategic written communication in organizations, correct writing, and presentation of texts for internal and external audiences. It also examines modern newswriting techniques, formats and styles for news, social and multimedia platforms in order to develop the writing skills expected of professional relations professionals. The student will make use of research, critical questioning, and creativity in the process of identifying writing techniques and making ethical decisions to develop a dialogic encounter with audiences. Emphasis on the development of messages, aligned with organizational values and goals, to achieve specific objectives with audiences. As a final product, the student will have a digital portfolio that serves as a cover letter for prospective employers. 3 credits.

RPI 615 - Integrated Strategic Communication

Through this course, students will acquire the knowledge that is necessary to understand the functioning of public relations and its relationship with related disciplines. The course provides a broad look at these fields, through a realistic and functional perspective. At the end of the course, students will use the knowledge they have acquired to develop a public relations and integrated communication plan. 3 credits.

RPI 710 - Content and Branding Strategies

This course studies communication strategies in the creation of content used to share information about companies, brands, products, and services. The difference between content marketing and PR content to generate interaction with audiences is discussed. In addition, it addresses the topic of creating content strategies in PR and integrated communication efforts and how to use them to manage brand trust and persuade audiences with appropriate messages on multimedia platforms. Develop content appropriate to the audience to achieve objectives with projected results. Emphasis is placed on developing integrated strategies to generate publicity and create content for purchased, shared, and owned media to develop relationships with audiences and brands. 3 credits.

RPI 715 - Research, Measurement, and Evaluation

This course explores the process of research, measurement, and evaluation as an essential function in public relations and integrated communication. Research methodology, data intelligence, measurement tools, and evaluative techniques are examined to demonstrate results. Analytical competence is developed to understand massive data from online audiences, collect trends and make business decisions. 3 credits.

RPI 720 - Legal and Ethical Dilemmas in Integrated Communication

This course studies the legal and ethical aspects related to the practice of public relations, integrated communication, and the various aspects of online communication and social networks. Codes of ethics and the conduct required of the professional in the field are analyzed. In addition, it examines the laws regulating media, including web-based media, and their impact on public and digital communication. 3 credits.

RPI 725 - Integrated Communication in the Management of Issues, Crises, and Reputation

This course focuses on integrated communication to anticipate, identify, and manage issues, a company's reputation, and handle crisis situations. The course promotes analysis and reflection on the management of communication in the public sphere and internally as a basis for developing a strategic approach and protecting the brand, the company, or the public figure. 3 credits.

RPI 740 - Public Relations and Integrated Communication Plan

This course works on strategic planning and production of a public relations and integrated communication plan according to the needs and interests of a company or entity and its different audiences. It provides a space for the student to put into practice theory, analysis, creativity, and problem-solving skills within the framework of professional ethics in an environment close to the reality of work. The purpose is for the student to integrate the knowledge and skills acquired in the curriculum in this culminating course, so that they can have experiences that allow them to perform professionally in the field. 3 credits

FACULTY

ACEVEDO NIEVES, JUAN A. Professor, General Education Unit: B.A. & M.D., St. Vincent de Paul Regional Seminary; Ph.D., Graduate Theological Foundation.

AGUAYO VILLAFANE, MODESTO. Professor, Ferré Rangel Communication School: B.A. & M.A., University of Puerto Rico.

ARENCIBIA ALBITE, FRANCISCO M. Associate Professor, School of Health and Sciences: B.S., Universidad del Sagrado Corazón; M.A. Universidad Central del Caribe; Ph.D., University of Puerto Rico, Medical Sciences Campus.

BALLESTER PANELLI, ILIANA. Professor, Ferré Rangel Communication School: B.A., Universidad del Sagrado Corazón; M.A., Michigan State University.

BARGUEZ, RENÉ. Catedrático Auxiliar, Administración de Empresas; B.B.A, M.B.A & D.B.A, Pontificia Universidad Católica de Puerto Rico.

BRUGUERAS FABRÉ, ALBA. Assistant Professor, Business Administration: M.A. University of Puerto Rico.

CINTRÓN GUTIÉRREZ, LUIS J. Catedrático Auxiliar, Educación General: B.A., Universidad de Puerto Rico; M.A., Universidad de Puerto Rico; M.A., Universidad del Sagrado Corazón.

COLLS, LIMARIE. Bibliotecaria II, Educación General: B.B.A., Universidad de Puerto Rico; M.I.S., Universidad de Puerto Rico.

COLÓN CRUZ, MARÍA. Catedrática Auxiliar, Escuela de Comunicación Ferré Rangel: B.A., Universidad de Puerto Rico; M.S.C., The London School of Economics and Political Science.

COLÓN, MARÍA J., Catedrática Asociada, Escuela de Salud y Ciencias: B.S., Columbia University of Puerto Rico; M.S., Universidad de Puerto Rico-Ciencias Médicas; D.N.P, Johns Hopkins University.

COLÓN, MARLENE. Assistant Professor, School of Arts, Design, and Creative Industries. B.A., University of Puerto Rico, M.A. & PhD., Universidad Interamericana de Puerto Rico.

CORDERO MURILLO, AGDA E. Professor, Ferré Rangel Communication School: B.S. & M.S., University of Puerto Rico.

COTTO TORRES, SANDRA. Associate Professor, School of Health and Sciences: B.S.N. & M.S.N., Columbia Central University, Ed.D. NOVA Southeastern University.

CORREA, ÁNGEL. Instructor, Escuela de Comunicación Ferré Rangel: B.A. & M.A., Universidad del Sagrado Corazón.

DE JESÚS DÁVILA, AMELISSE Y. Professor, School of Health and Sciences: B.A., M.A. & Ph.D., University of Puerto Rico.

DELUCCA TIRADO, REINA. Professor, Business Administration: B.A., University of Puerto Rico; M.B.A., Universidad del Turabo.

DÍAZ MERCED, WANDA L. Catedrática, Escuela de Salud y Ciencias: B.S., Universidad de Puerto Rico; Ph.D., University of Glasgow

ESCOBAR NIEVES, ALEJANDRO J. Assistant Professor, Library: B.A., Universidad Interamericana de Puerto Rico, M.I.S., University of Puerto Rico.

FELICIANO RODRÍGUEZ, HERIBERTO. Assistant Professor, School of Arts, Design, and Creative Industries: B.A., University of Puerto Rico, Río Piedras Campus; M.A., Universidad de La Merced in Murcia, Spain.

FIGUEROA MIRANDA, ARTURO. Associate Professor, Business Administration: B.S. & M.B.A., University of Puerto Rico.

FLYNN CINTRÓN, JORGE. Assistant Professor, School of Arts, Design, and Creative Industries: B.A. & M.A., University of Phoenix; Berklee College of Music, Professional Music Diploma, Music Business Management/Performance.

GARCÍA RODRÍGUEZ, ARLEEN. Bibliotecaria I, Educación General: B.A. & M.I.S., Universidad de Puerto Rico.

GONZÁLEZ NIEVES, NADESHA. Assistant Professor, General Education Unit: Ph.D., Centro de Estudios Avanzados de Puerto Rico y el Caribe; M.A., New York University; B.A., University of Puerto Rico.

GONZÁLEZ PÉREZ, MAITE. Assistant Professor, School of Arts, Design, and Creative Industries: B.A., Univ. del Sagrado Corazón; M.A., Universidad Politécnica de Catalunya.

GONZÁLEZ SANTIAGO, KIEBELLE. Assistant Professor, School of Health and Sciences: MHSA, Universidad Ana G. Méndez; M.D., Escuela de Medicina San Juan Bautista, B.S., University of Puerto Rico

GRACIA AGENJO, TERESA E. Professor, School of Health and Sciences: B.A., Universidad del Sagrado Corazón; M.A. & Ph.D., University of Puerto Rico.

GREEN LAUREANO, NANCY I. Associate Professor, School of Health and Sciences: B.S.N., Universidad Interamericana, M.S.N.; University of Puerto Rico Medical Sciences Campus.

GUZMÁN BLAS, ROLANDO P. Associate Professor, School of Health and Sciences: B.S. in Physics and Mathematics, UNT, Trujillo, Perú; M.S. in Materials Science, UNT, Trujillo, Perú; MS & PhD, University of Puerto Rico.

HERNÁNDEZ ACOSTA, JAVIER J. Associate Professor, School of Arts, Design, and Creative Industries: B.A. & M.A., University of Puerto Rico, Ph.D., Universidad Interamericana de Puerto Rico.

HERNÁNDEZ CARRASQUILLO, JOSÉ ENRIQUE. Assistant Professor, General Education Unit: B.A., Universidad Central de Bayamón; M.A., Universidad Central de Bayamón; Ph.D., Universidad Católica de Ponce.

IMPELLUSO, PABLO. Catedrático Auxiliar, Escuela de Comunicación Ferré Rangel: B.A.C. & M.A.C., Universidad Ana G. Méndez.

LEONARD NAVARRO, HAROLD. Assistant Professor, Ferré Rangel Communication School: B.A. University of Puerto Rico, M.A., Syracuse University, M.A. University of Exeter/London Film School.

LOZANO RIVERA, JOSÉ M. Assistant Professor, General Education Unit: B.A., Univ. del Sagrado Corazón, M.A., University of Puerto Rico.

LUNA PADILLA, NITZA. Professor, School of Arts, Design, and Creative Industries: B.A., Pratt Institute; M.A., Brooks Institute.

MARTÍNEZ DÍEZ, MARÍA T. Professor, Ferré Rangel Communication School: B.A., University of Florida; M.A., University of Puerto Rico.; Ph.D. Universidad Complutense Central de Madrid.

MATEO RODRÍGUEZ, AURORISA. Assistant Professor, School of Arts, Design, and Creative Industries: AA Diploma (March USA Equivalent), March Architectural Association, School of Architecture; BEED, University of Puerto Rico, School of Architecture.

MEDINA MONTAÑEZ, YARITZA. Assistant Professor, Ferré Rangel Communication School: B.A., University of Puerto Rico; M.A., Universidad de Navarra; Ph.D., Universidad de La Laguna, Spain.

MOLINA CASANOVA, LUIS Instructor, Ferré Rangel Communication School: B.B.A., University of Puerto Rico.

MONÉ FRONTERA, BELINDA. Associate Professor, Business Administration: B.A., University of Puerto Rico; M.A., Universidad del Sagrado Corazón; D.B.A., Pontificia Universidad Católica de Ponce, Puerto Rico.

MORALES RODRÍGUEZ, DORIS. Catedrática Auxiliar, Unidad de Educación General: B.S., Universidad de Puerto Rico-Recinto de Río Piedras, M.A. & Ph.D., Universidad Interamericana-Recinto Metropolitano.

MORALES VÁZQUEZ, DORIBEL. Professor: Ferré Rangel Communication School; B.S. & M.A., University of Puerto Rico.

MUÑIZ OSORIO, CARLOS A. Associate Professor, General Education Unit: B.A. & M.A., University of Puerto Rico, Ph.D., University of Puerto Rico.

NEGRÓN CARTAGENA, NADJAH. Assistant Professor, School of Health and Sciences: B.A., M.A. & Ph.D., University of Puerto Rico.

OLMO SOTO, JOHN A. Professor, School of Health and Sciences: B.S, M.S., Ph.D., University of Puerto Rico.

ORSANIC, LUCÍA. Catedrática Auxiliar, Educación General: Licenciatura, Universidad Católica Argentina; M.A., Universidad Autónoma de Madrid; Ph.D., Universidad Católica Argentina.

PACHECO ALMONTE, NURYS. Assistant Professor, School of Health and Sciences: Instituto de Educación Universal; M.S.N., Universidad Metropolitana; Ed.D., Nova Southeastern University.

PAIZY DAMIANI, GABRIEL. Associate Professor, Ferré Rangel Communication School: B.B.A., University of Puerto Rico; M.B.A., Universidad Interamericana de Puerto Rico; Ph.D., Centro de Estudios Avanzados de Puerto Rico y el Caribe.

PASTOR, MARIA DE LOS A. Associate Professor, School of Arts, Design, and Creative Industries: B.A. University of Puerto Rico, M.A. Universidad de Notre Dame, M.A. & Ph.D., Universidad de Michigan.

POMALES, GERARDO. Catedrático Auxiliar, Escuela de Artes, Diseño e Industrias Creativas: B.S., Full Sail University; M.S., Atlantic University College.

PONTE SÁNCHEZ, FRANCES M. Professor, School of Health and Sciences: B.S.N., Universidad del Sagrado Corazón; M.S.N., Louisiana State University.

RAMOS RAMOS, LOURDES. Assistant Professor, School of Health and Sciences: B.S. Biology, University of Puerto Rico.; B.S.N. & M.S.N., University of Puerto Rico.

RAMOS RUIZ, ANUCHKA. Assistant Professor, School of Arts, Design, and Creative Industries: B.A., Universidad del Sagrado Corazón; M.A., Universidad de Santiago de Compostela,

- Spain; M.A. Universidad de León y Escuela de Lexicografía Hispánica; Doctorado, Universidad Santiago de Compostela, Spain.
- RIVERA CINTRÓN, EDDIE P. Assistant Professor, Business Administration: B.A. & M.A., University of Puerto Rico.
- RIVERA DELGADO, JESÚS M. Professor, General Education Unit: B.A. & J.D., University of Puerto Rico.
- RODRÍGUEZ CHICLANA, JOSÉ R. Associate Professor, Ferré Rangel Communication School: B.A. & MA., Universidad del Sagrado Corazón.
- RIVERA GONZÁLEZ, ALEXANDRA. Catedrática Auxiliar, Educación General: B.S. & Ph.D., Universidad de Puerto Rico.
- RODRÍGUEZ LORA, AWILDA. Catedrática Auxiliar, Escuela de Artes, Diseño e Industrias Creativas: B.A., Hunter College en New York; M.A., Columbia College-Chicago.
- ROMÁN ROA, DENNIS. Assistant Professor, Business Administration: B.A., University of Puerto Rico Mayagüez Campus; Ph.D., Universidad Católica de Ponce Law School; Ph.D., Universidad Interamericana de Puerto Rico.
- SAMALOT, YAMIL. Assistant Professor, General Education Unit: B.A., University of Puerto Rico Mayagüez Campus; M. Div., Universidad Central de Bayamón, S.T.L., Pontificia Universidad Javeriana, M.A.; Ph.D., Brown University.
- SÁNCHEZ GONZÁLEZ, VIONETTE. Catedrática Auxiliar, Escuela de Salud y Ciencias: B.S.N. & M.S.N., Universidad de Puerto Rico-Recinto de Ciencias Médicas; PH.D., Universidad de Málaga.
- SOLER LÓPEZ, REYNALDO. Assistant Professor, School of Health and Sciences: B.A, University of Puerto Rico; M.A., Universidad Interamericana de Puerto Rico.
- SOLÍS, FRANCISCO. Bibliotecario II, Educación General: B.A. & M.I.S., Universidad de Puerto Rico.
- SOTO NIEVES, NOEMÍ. Assistant Professor, School of Health and Sciences: B.A., University of Puerto Rico Mayagüez Campus; M.A., Yeshiva University, Bronx, New York; Ph.D., Yeshiva University, Bronx, New York
- SOTO ROMÁN, JELITZA. Assistant Professor, School of Health and Sciences: B.A. & M.A., University of Puerto Rico.
- VANTAGGIATO, ANTONIO. Professor, Ferré Rangel Communication School; M.A., Liceo Scientifico San Giuseppe de Merode; Ph.D., Universidad La Sapienza, Rome, Italy.
- VEGA MERINO, ALEXANDRA. Professor, Ferré Rangel Communication School: B.A., University of Puerto Rico; M.A. & Ph.D., Harvard University.
- VÉLEZ RODRÍGUEZ, LUZ M. Professor, School of Health and Sciences; B.A., M.A. & Ph.D., University of Puerto Rico.

PHONE DIRECTORY

Unit or Department	Extension
Academic Affairs	5379
Accounting	5407
Admissions	5275
Art Gallery	2561
Athletic Activities	5103
Business Administration Department	5186
Center for Professional and International Experiences Sagrado Careers	5331
Centro Sofía (BN 245)	5173
Centro Sofía (P001)	5174
Communications Center	5143
Community Outreach Center	5177
Compliance, Auditing, and Institutional Integrity (CAII)	5456
Comprehensive Security and Risk Management	5468
Development and University Relations	5447
Enrollment Management	5424
Event Scheduling and Calendars	5256
Facilities, Conservation, and Grounds	5463
Ferré Rangel Communication School	5210
Finances	5409
Informatics and Integrated Technology (ITI)	5481
Integrated Assistance (ASI)	5004
Integrated Communications	5393
Internal Audit	5459
Language Lab	5351
Library	5130
NEEUKO Innovation Center	5152
Nursing Program	5303
Organizational Development and Human Resources Department	5440
Presidency	5802
Purchasing	5416
Registrar	5286
Residences	5323
Sagrado Global	5338

Unit or Department	Extension
School of Health and Sciences	5223
School of Art, Design, and Creative Industries	5190
Social Work Program	5295
Student Affairs	5399
Student Support Program	5615
Studio Lab Animation Center	5160
Support Program for Students with Functional Diversity	5619
Tele-radial Unit	5346
Title V Award	5625
Title V Award-HSI: Meaningful Advising Services	5606
Upward Bound Program	5621

Unit	Direct Phone
Admissions	787-728-2070
Board of Trustees	787- 268-8858
Community Outreach Center	787-728-2515
Development and University Relations	787-268-8846
Financial Aid	787-268-8880
Internal Audit	787-268-8857
Operations and Emergency Center (COE)	787-727-7120
Presidency	787- 727-7033
Religious Community (Monte Flores)	787-728-5656
Sagrado Global (Continued Education)	787-727-1250
Security	787-727-7020
Student Residences	787-727-1254