



UNDERGRADUATE AND GRADUATE CATALOG

2020-2021

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MESSAGE FROM THE PRESIDENT

Sagrado is a community committed to its mission of educating people with their own criteria, moral conscience, and entrepreneurial vocation, willing to assume the responsibility of innovating, leading and promoting a supportive coexistence.

The environment that characterizes our university life is one of excellence, based on the principle that human beings and Christian values are at the very heart of our project. Here you learn in a creative and collaborative way and the world is the classroom.

I urge you to develop your capacities to the fullest and to live the charism of a community dedicated to building a world united in justice and peace.

In Sagrado,

Gilberto J. Marxuach Torrós President

A handwritten signature in blue ink that reads "Gilberto J. Marxuach Torrós". The signature is written in a cursive, flowing style.

GENERAL INFORMATION

HISTORY

Universidad del Sagrado Corazón (Sagrado) had its origins in the elementary school established in 1880 by the Religious of the Sagrado Heart, in the city of San Juan. Later, at the beginning of the 20th century, they acquired the property of the Count of Santurce and established themselves on the grounds that today form the university campus. The institutional development is reflected in the following historical milestones:

- In 1935 the government of the Island issued the Charter of Foundation, by virtue of which *Colegio Universitario del Sagrado Corazón* was established. Four years later, in 1939, it conferred its first academic degrees. Sagrado was originally founded as an educational center for young ladies with the purpose of helping Puerto Rican women achieve a broad culture, not only for their personal enrichment but also for the benefit of the country.
- In 1970 a new stage in its history began. The Religious chose to cede the ownership and governance of the Institution to a Board of Trustees composed mainly of lay members. The dynamics of growth intensified notably, both in academic offerings and in the number of students.
- In February 1972, the Board of Trustees approved that the University would definitively adopt the character of a co-educational institution open to the Puerto Rican community.
- In December 1976, the Board of Trustees officially authorized the use of the name Universidad del Sagrado Corazón.
- In 1985 the University established the first three graduate programs leading to the Master's degree in Business Administration, Communication and Education.
- In 1990, a curriculum review was initiated to promote more personalized education and greater interaction between students and teachers.
- Currently, the University reaffirms its founding charism and its commitment to serve Puerto Rico by completing a process of curricular review of all its academic offerings, which incorporates differentiated elements in the curricula and expands the teaching-learning experiences.

MISSION

The mission of the University, as a Catholic institution, is to educate people in intellectual freedom and moral conscience, willing to participate in the construction of a more authentically Christian Puerto Rican society: a community in solidarity with justice and peace.

VISION

To 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 very heart 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 and 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 surpass 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 an education that is participatory, active, personalized, and relevant to social and cultural realities. It supports with equal importance humanistic, scientific, technological, and professional training, complementing it with the development of the capacity for logical and succinct expression, of skills that facilitate critical and creative thinking of attitudes toward individual or team work as appropriate, and the capacity 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 student's applicable knowledge, attitudes, and skills, while helping them develop discernment, moral judgment, a sense of social responsibility, and the ability to understand themselves and to respect and appreciate others. The University's educational project 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 INSTITUTIONAL ORGANIZATION

A Board of Trustees that is responsible for setting the strategic institutional direction and formulating policies that guarantee catholicity, academic excellence and integrity, fiscal health and the best interests of the university community, exercises the governance of Sagrado. The Board has, among other responsibilities, to oversee the fulfillment of the objectives and policies of the University, evaluate all matters that

may affect its mission, its educational philosophy and institutional values, manage the property and finances of the University including the budget's approval. The Board 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 to confirm the appointments of the Vice Presidents and the principal officers of the University.

The President is the chief executive of the University responsible for ensuring that the institutional mission and objectives are met. The President is responsible for the general management of the University by promoting a managerial and administrative style that encourages the participation of all sectors of the University. He is also responsible for the recruitment of those who will help him fulfill his responsibilities. As faculty leader, it is his responsibility to encourage, facilitate, and provide a sense of direction to the academic work so that it fulfills 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 operation of the University.

The Academic Board is an advisory body on matters related to teaching and research management such as general orientation of teaching and research programs, general requirements for admission, promotion, retention, and graduation of students. It is made up of a wide delegation of professors elected by the faculty, as well as student representatives selected by the student body and *ex-officio* members of the university administration.

The Board of Trustees is an advisory body on administrative issues that affect college life such as process review, employee fringe benefits, budget, and master plan.

The academic profiles of the members of the faculty show a diversity of preparation, both in terms of their areas of specialization and in terms of the variety of institutions and countries in which they have obtained their degrees.

BOARD OF TRUSTEES

President

Vanessa Lugo Flores

Vice President

Félix Villamil

Secretary

Rafael Álvarez Sweeting

Members

Jorge Junquera

José R. Fernández

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Ángel Torres

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Carlos Unanue

Domingo Cruz

Jaime Luis Fonalledas

Ingrid Rivera Rocafort

Ramón Ruiz Comas

Hermano Reinaldo Berríos

Yolanda Rosich

Ana Margarita Berríos

Mildred Juliá

Bernardo Bravo

UNIVERSITY ADMINISTRATION

President's Office

President
Legal Advisor
Sofía Center
Internal Auditor

Gilberto Marxuach Torrós
Camelia Fernández
Madeline Ortiz

Academic Affairs Vice President's Office

Academic Affairs Vice President
Associate Vice President
Library Madre María Teresa Guevara
Natural Science Department
Department Business Administration
Ferré Rangel School of Communication
Interdisciplinary, Humanistic, and Social Studies Faculty

Jorge Silva-Puras
Alfredo Nieves
Natalie Negrón
Peter Barbosa
Javier Hernández
Gabriel Paizy
Sandra Morales

Students Affairs Vice President's Office

Students Affairs Vice President and Dean of Students
Director of Athletic Activities
Sagrado Careers
Students Housing

María E. Batista
Cassandra Vega
Carlos Moll

Quality, Assessment, and Institutional Intelligence Vice President's Office

Vice President
Director, Assessment, and Institutional Intelligence
Registrar
Director, Academic Research, Licensing and Accreditation

Arturo Figueroa
Janisse Salas
Eigna I. De Jesús
Blanca E. Rivera

Finance and Operations Vice President's Office

Vice President
Assistant Vice President of Enrollment Management
Director of Integrated Care
Academic Management
Finance
Billing and Collection
Purchases
Facilities, Conservation, and Services

Rosana López
Karla Aguirre
Luis Vélez
Sonia Monllor
Rebecca Quintero
Brenda Rivera
Elisa Laracuente
Carol Rivera

Organizational Development and Human Resources Vice President's Office

Vice President
Director of Learning and Development
Director of Integral Security and Risk Management

Marilyn Figueroa
Nardelis Soto
Jorge Díaz

Integrated Communications Vice President's Office

Vice President
Admissions Director
Director of Public Relations and Media
Events and Calendar Scheduling

Laura García
Katherine Castillo
Sandra Pomales
Irma Ivelisse Rodríguez

Center for Computing and Integrated Technologies

Chief Information Officer
Director of Infrastructure
Programming

Luis Gotelli
Ricardo Hernández
Ruth González

FACILITIES

Sagrado's campus has 33 acres of land full of abundant vegetation, tropical plants and a spectacular panoramic view of the ocean and surrounding urban areas.

The following facilities are part of Sagrado's infrastructure: the main building built in the early twentieth century with a classical structure where the administrative offices and the Main Chapel are located. The Main Chapel was declared a National Monument in 1983. The residence of the Religious of the Sagrado Heart, the modern facilities of the Library, the Student Residences, a complex of structures that consists of classrooms, administrative and teachers' offices, as well as an amphitheater are located around our campus for the enjoyment of our community.

Mother Maria Teresa Guevara Library is one of the University's vital facilities due to its significant educational function, it offers services to professors, students, administrators, and other members of the university community.

The Emilio S. Belaval Theater is where a wide program of artistic, cultural, and academic activities take place. The Visual Arts Courtyard, located in the Barat Sur building has a unique design based on the concept of the village plaza, complemented by benches, trees and a meeting place for special activities. A monumental ceramic mural by artist Roxanna Jordán decorates the entrance.

In the Visual Arts Courtyard, you can also find the Sculpture Garden inaugurated in 1992. Its conceptualization combines two important elements to improve our quality of life: ecology and aesthetics. The reforestation of an area of 12,430 p/c with 40 endemic and exotic trees, as well as with typical flora, strengthens the fact that the Institution

has as a commitment to support a greener planet and to improve our university and the larger community 's environment. Within this urban forest, the presence of art stands out, represented by contemporary Puerto Rican sculpture pieces by 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 thanks to the generous contribution of private enterprise and the government. The Visual Arts Courtyard is dedicated to our students, with the clear conviction that the development of sensitivity and appreciation for art contributes to raise our awareness of environmental issues in Puerto Rico.

A modern student center and sports complex houses several service offices and gymnasium facilities, an indoor court, tennis court, olympic-sized swimming pool, ballpark, meeting rooms, a convenience store and a cafeteria.

Among the main academic resources that the University has, we can point out the laboratories, communication and educational technology center, the Center for Collaborative Innovation (NEEUKO), the Experimental Theater, the Institute of Musical Arts, the science, language and nursing laboratories, the television and recording studios and the Radio Activa and Radiorama stations.

MAP



LICENSE AND ACCREDITATIONS

Sagrado is authorized to operate by the Board of Postsecondary Institutions (JIP) in accordance with the laws of Puerto Rico. In addition, it has accreditations granted by various organizations. Click on the following link:

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

ADMISSIONS AND READMISSIONS

GENERAL REQUIREMENTS: UNDERGRADUATE PROGRAMS

- Apply for admission by the deadline announced by the Admissions Office. File the online application electronically at <http://www.sagrado.edu/solicita/>, by visiting the Admissions Office or at any activity in which the University participates.

- A money order, certified check, or proof of payment for \$15 as a non-refundable application fee is required to submit the application. The money order or certified check should be made payable to: Universidad del Sagrado Corazón.
- P-VAC-3 Immunization Certificate issued by the Puerto Rico Health Department (students under 21 years old)

Procedure

- The Admissions Office may to evaluate the application for admission with high school junior year grades upon receipt of the PAA, SAT or ACT college admissions test scores or their equivalent.
- Admission will be subject to completion of other admission requirements. In addition, applications will be accepted from candidates who have attended a college or university that is licensed by the Board of Postsecondary Institutions or accredited by an accrediting body recognized by the U.S. Department of Education.

Requirements by Type of Admission

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

High school graduate or equivalent

- Have graduated from high school or equivalent studies and present evidence of it. The institution certifying the high school diploma must be duly licensed or registered with the government of Puerto Rico or its counterpart.
- Submit official copy of high school transcripts. The transcript must be in a sealed envelope or sent directly from the institution.
- Submit a copy of the results of the Academic Attitude Test (AAT) offered by the College Board, to the Office of Admissions SAT and ACT scores are accepted.
- Meet the minimum admission rate (combination of GPA and PAA) established by the Academic Board, otherwise it will be evaluated by the Admissions Committee.

Accelerated School Graduates

- In case of institutions with accelerated modality, they must be accredited, according to Law 122-2018. In addition, they must present evidence of compliance with attendance hours required by law.

Home schooling students

- Present high school graduation equivalency certified by the Puerto Rico Department of Education.
- If the certification from the Puerto Rico Department of Education is not available, the parent or guardian of the student shall submit an Affidavit stating

that the student completed his or her studies through *homeschooling*. The statement must include the student's academic average.

Adult Student (minimum 21 years old) high school graduate

- This applies to high school graduates who did not take a college admissions test (e.g., PAA, SAT, ACT). Have a high school grade point average of 2.50 or less.

Student with completed college degrees (Baccalaureate or higher)

- Any student who has a baccalaureate degree and wants to pursue another may validate courses following the policy of credit transfer.
- Must have a minimum GPA of 2.50. Failure to comply with this will be evaluated by the Admissions Committee.

Transfer student

Requirements

All students requesting a transfer from another institution of higher education must comply with the general requirements established in this Catalog and submit the following documents:

- Official transcript from the institution(s) of higher education where you studied.
- Letter of recommendation from the Student Affairs area of the last institution where the student studied. It should reflect that the student has no disciplinary sanctions.
- All requirements of federal or state law or regulation requirements.

Standards

Have studied in an institution of higher education 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 coming from institutions outside the jurisdiction of the United States will present the homologation of the courses taken. The homologation will be done by a recognized entity for these purposes.
- Have a minimum GPA of 2.50 to be admitted.¹

¹ In meritorious or exceptional cases, if this requirement is not met, the application may be evaluated by a committee attached to the Admissions Office.

Special student

Student interested in taking non-degree-seeking university courses. The special student may take a maximum of 24 credits leading to an academic degree.

- Application for admission with \$15 fee (non-refundable).
- It is the student's responsibility to obtain authorization from his/her institution.

Audit student

- Once they have completed the enrollment process, persons admitted as audit students may attend the regular courses at the Institution.
- Audit students are those who wish to enroll in a course, but do not receive credit or a final grade for the course.
- They must apply for admission and include the \$15 fee (non-refundable).
- The audit student receives the grade AU in the enrolled courses. Courses taken are not eligible for credit toward an academic degree.

International student (non-resident alien)

- 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 the evaluation of courses/credits must comply with the University's transfer policy.
- If the student has not taken a College Board proficiency test (PAA, SAT, or ACT) you will be evaluated by the Admissions Committee.
- Submit your application for admission with the documents established under general requirements indicated in this Catalog in addition to:
 - Official high school credit transcript apostilled by the Education Committee of your country.
 - Present an original certificate from the Department of Education of Puerto Rico showing that you have completed the equivalent of a high school degree.
 - Letter of recommendation from the Principal, Teacher or High School Professional Counselor (if required by the Admissions Committee).
 - Graduation certificate (copy of the diploma) in case the transcript does not have a graduation date.

Specific Requirements for Non-Resident Foreign Students

After admission, the student must meet specific requirements provided by the U.S. Immigration Office. These requirements are:

- You must submit an affidavit certifying the economic capacity (solvency) of yourself or of the person in charge of paying for your studies and stay expenses.

- A letter from the bank certifying the economic solvency of the person who will pay for the studies and stay expenses. The letter must indicate the dollar currency equivalent.
- A written certification indicating where the student will reside (may be included in the affidavit).

After submitting these documents to the Registrar's Office, the Office will process the I-20 form and will give it to the student along with the documentation that the student submitted, so that he/she can process the student visa at the American embassy in his country of origin.

SPECIFIC REQUIREMENTS FOR UNDERGRADUATE-ACADEMIC PROGRAM

Associate of Science Degree in Nursing (online) /Accelerated Mode

In addition to the 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 credits passed with an average of 2.50 or higher)
 - Have clinical experience (could be LPN, *medical assistant*, among others)

Bachelor of Science in Nursing

General Requirements

- Complete the application form and make the corresponding payment.
- Have a minimum high school grade point average of 2.50 or a minimum admission index of 3.30. Candidates with a bachelor's degree or equivalent, have a 3.00 average in that degree. Students with a lower grade point average will be evaluated by the Nursing Department.
- Send the professional interest questionnaire to the Nursing Program.
- Specify the modality in which you are interested in studying the Bachelor of Science in Nursing: on campus or distance learning.
- Be a U.S. citizen or permanent resident.
- Present Certificate of Criminal Record issued by the Police of Puerto Rico with validity of 30 days. If it is processed by Internet, it must be validated, and a copy of the validation must be included. All candidates who have resided outside of Puerto Rico for a period of five (5) years prior to the filing of their application must present the original Certificate of Criminal Record issued by the competent authority of the state, country, or countries where they have resided.

- Students coming 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 comply with the requirements established in the current catalog. All documents relating 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 in Nursing Science must also possess and present a copy of the permanent license and current professional record from the Puerto Rico Nursing Examination Board or its U.S. counterpart.

Requirements for distance/accelerated mode in Nursing

- Foreign students must also present official identification from the government of their 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 no less than 2.50 points.

Technical requirements are included in the Distance Learning section.

Additional requirements after admission to the Nursing Program

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 are completed in Admissions, the Nursing Admissions Committee (Director, Coordinator, and faculty) will evaluate the candidate's file for approval.
- Applicants who have completed a baccalaureate degree in any discipline may have validated up to 90 credits depending on the Committee's evaluation: 46 credits in general education courses, 12 credits in science and 32 credits in concentration.
- The Study Plan or sequential for people with a bachelor's degree enrolled in the distance learning modality, will be 21 credits per semester divided into 6 weeks terms (3 terms per semester).
- Once the application for admission is approved, the Nursing Program, in coordination with the admissions officer, will assign the courses that can be enrolled according to the current curriculum.

GENERAL REQUIREMENTS: GRADUATE PROGRAMS (master's degrees and post-baccalaureate certificates)

Apply for admission by the deadline announced by the Admissions Office. File the application for admission electronically at <https://www.sagrado.edu/solicitud->

[graduados/](#) by visiting the Admissions Office or at any activity in which the University participates.

- Possess a baccalaureate degree from a college or university licensed by the Board of Postsecondary Institutions or accredited by an entity approved by the U.S. Department of Education, with an overall G.P.A. of 2.75.
- Complete the application for admission.
- Pay the \$25 admission fee (fee is non-refundable / alumni are exempt).
- If you earned your baccalaureate degree from an institution outside of U.S. jurisdiction, you must present the homologation of the degree and present verification of your academic credentials from the country of origin.
- If you have already completed graduate studies or hold an academic degree beyond a baccalaureate degree, you must submit official transcripts with evidence of completion of a master's or doctoral degree from an institution of higher education duly licensed by the Board of Postsecondary Institutions. If you earned that degree at an institution outside the jurisdiction of the U.S., you must present the homologation of the degree and academic credentials from the country of origin.
- Alumni: Alumni credit transcripts will be processed internally.
- Updated resume.
- Meet the admission criteria and additional requirements established by the specific program for which you are applying.
- Foreign students who are not citizens or permanent residents must comply with the current catalog policy.
- The Admissions Office will evaluate each application and submit the recommendation for admission or denial of the candidate to the appropriate academic department.

ADDITIONAL REQUIREMENTS FOR SPECIFIC GRADUATE PROGRAMS

Master of Business Administration

- The Program Director may interview candidates depending on the information provided in the application. This interview may be in person or virtually.

Master's Degree in Creative Writing

- You must submit a Statement of Purpose about the editorial idea or project (narrative or poetry text) that you will work on during the 12-month program. This should not exceed 1,000 characters.
- Once the Statement of Purpose is submitted, a virtual interview will be scheduled with the applicant to discuss his/her areas of interest.

READMISSION (undergraduate and graduate)

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

Readmitted students shall be governed by the Catalog and other rules and regulations in effect at the time of readmission.

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

- The undergraduate student who interrupts his or her studies for one semester or more must be oriented with a readmission advisor. During this orientation, the student should receive information, among others, about:
 - the number of credits attempted and approved:
 - overall GPA
 - the credits required to complete the curriculum to which you wish to reclassify and any substitutions if apply; and
 - the impact of readmission on the percentage of financial aid used and/or required to complete the degree.
- After orientation with the readmission advisor, the student must complete and submit the readmission application electronically.
- The application will be evaluated to determine whether or not readmission is granted. Applications from students who have an overall G.P.A. below the minimum required by the Satisfactory Academic Progress Standard will be evaluated by the Registrar's Office. Students who have been suspended for disciplinary reasons will require the favorable recommendation from the Vice President for Student Affairs.
- The application for readmission must be submitted according to the dates stipulated in the applicable academic calendar and prior to the beginning of classes of the academic period for which readmission is requested.
- Students who interrupt their studies for a semester and are readmitted will be governed by the curriculum in effect 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 not available, due to a moratorium or closure, or has changed due to curriculum revision, the student will be reclassified to the program selected in the current curriculum. The credits that have been approved at Sagrado prior to the

interruption of studies will be honored, as they can be integrated into the general, institutional, concentration, and exploration requirements of the new study plan of the readmitted student.

- If the student applying for readmission wants to transfer credits completed at another university institution during his/her interruption of studies at Sagrado, he or she must follow the following procedure through the Registrar's Office:
 - Once readmitted, you must apply for transfer evaluation of approved courses at a college or university licensed by the Board of Postsecondary Institutions (BPI) or accredited by an accrediting agency recognized by the U.S. Department of Education.
 - Submit transcript of credits, copy of the catalog or record of the institution where the courses to be transferred were taken. If necessary, the Admission Office will consult with the directors of the academic units related to the courses to be transferred.
 - The Registrar's Office, upon receipt of the official transcript, will complete the final transfer of credit in the student's file.
 - The transferred courses will be identified in the student's transcript with the letter "T".
 - The student's file will identify validated courses with the letter "T".

ASI (INTEGRATED ASSISTANCE)

The Office of Integrated Assistance (ASI) offers services related to financial aid: advice on state and federal financial aid programs.

FINANCIAL AID

Pell Grant

This is the fundamental help of economic assistance programs. The Federal Pell Grant Program provides grants, as needed, to college students with financial need to promote access to post-secondary education.

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 and Study (FWSP)

Federal funds offered to qualifying undergraduate and graduate students as compensation for work assigned by the University.

William D. Ford Federal Loan (PLUS Loan)

- William D. Ford Federal Loan (Subsidized Direct Loan). The federal government subsidizes the interest on these loans while the student maintains an academic load of at least half time.
- William D. Ford Federal Loan (Unsubsidized Direct Loan) Loans whose interest begins to accrue once the loan is disbursed.
- Available only to parents of students. Repayment begins once the loan is disbursed.

Federal (FAFSA) and State Financial Aid Eligibility

The financial aid application may be filed by any student admitted to the University that is interested in receiving some type of financial aid and who meets the following requirements:

- Have been admitted as a regular student leading to an academic degree and be enrolled at Sagrado. Master's degree students must be enrolled in a minimum of three credits to be eligible for loans.
- Demonstrate satisfactory academic progress in accordance with institutional norms.
- Be a citizen of the United States of America, permanent resident, or eligible non-citizen.
- Demonstrate financial need. Our system determination financial aid needs based on the analysis of the Free Application for Federal Financial Assistance (FAFSA).
- File the Free Application for Federal Financial Assistance (FAFSA) with all relevant documents within the annual deadlines. The institutional code on the application is 003937.
- Be current on federal loans and in compliance with Title IV provisions.
- Be registered with the selective service (if applicable), <https://www.sss.gov/Home/Registration>.
- Have submitted a certificate of graduation, copy of high school diploma, or its equivalent to the Admissions Office and not be in default.

Procedure for Applying for Federal and State Financial Aid

- To facilitate the process of applying for the above programs, the student must file annually the Free Application for Federal Financial Aid (FAFSA) before the recommended deadline announced by the University.
- The application should be completed at <http://www.fafsa.ed.gov> and select your preferred language.
- The institutional code on the federal application is 003937.

- If needed, the Office of Integrated Assistance will provide support in completing the form. This assistance may also be provided by the counselor, advisor, or staff assigned to these functions at the applicant's school.

Academic Progress Standards and Procedures Applicable to Students Receiving Financial Aid

- The academic progress policies and procedures applicable to students receiving financial aid are posted on our website.
- The purpose of these norms is to ensure that students who benefit from these aids make good use of them by demonstrating that they are working steadily and progressively to complete the requirements of their curriculum. Each student is responsible for knowing his or her academic status or condition.
- Academic progress standards vary by program, apply to both undergraduate and graduate students, and cover aspects such as requirements for repeating a course, probation, suspension, appeal process, restitution, and notification.

INSTITUTIONAL SCHOLARSHIP PROGRAM

Athletic Scholarships

Financial aid or grant given to a student for his/her ability, capacity, and sports potential to cover all or part of the expenses associated with his/her studies. They must meet the academic and athletic requirements set forth in the athletic scholarship policy.

Congress of Leaders Scholarship (available to students who participated in the Leadership Congress Program while in high school).

A student is eligible if he/she has a high school diploma with a 3.5 grade point average, is admitted to Sagrado for studies leading to a bachelor's degree, and is enrolled in at least 14 credits per semester. The scholarship is awarded at the end of the semester when the student has successfully approved at least 14 credits of those enrolled, maintains the minimum GPA of 3.50, and presents evidence of enrollment for the next semester with a minimum of 14 credits.

- The scholarship will be credited to the student's account in compliance, a week following the deadline or cancellation with 100% refund (see academic year calendar).
- The student must not have incompletes at the time of the evaluation to confirm eligibility.
- A student who receives this scholarship will not be eligible for other institutional or proposal-based incentives.

Benefit for Alumni and their Children

Alumni interested in doing their master's degree or obtaining a second bachelor's degree can receive from 10% to 25% discount on the general fee, according to the category selected on their ID card. Children of alumni who apply to the Diamond category may receive the general fee exemption for a maximum of two years.

Exceptional Student Fund

The Exceptional Student Fund (ESF) is a plan by which an individual or business provides financial support for a student to complete an academic program. The goal of this program is to recognize the academic excellence and leadership of those students who have financial need to cover the costs of their studies. New students who receive this help should:

- Possess an admission index of 3,800 or more, according to the established admission formula.
- Have graduated from high school with a 3.8 grade point average or higher.
- Have a family contribution (OBE) of 0-500 in his/her financial needs' analysis.
- Be enrolled in a minimum of 14 credits in an academic program leading to a bachelor's degree.

Mother Rosa de Bolívar Scholarship

Through this scholarship, Sagrado recognizes the valuable contribution of students' members of **Sagrado's Choir** to the development of the community spirit.

- Students eligible for these benefits must commit themselves to participate in the Choir's activities, whether they are rehearsals, presentations, and/or official activities.
- Participating students must maintain an average of no less than 3.0 GPA each semester, have enrolled and approved a minimum of 14 credits in the semester.

Economic Incentive Plan (Honor Scholarship)

This Financial Aid program aims to recognize the student's academic excellence and to provide them with the opportunity to cover part of their study costs. The following are the criteria that govern the granting of this type of scholarship:

NEW STUDENTS			
GPA Required	Minimum # of credits enrolled/approved	Benefit for semester	Requirements
2.50-3.74	14 credits	\$400.00	Approve minimum of 14 credits, maintain required GPA, enroll for next semester
3.75 or more	14 credits	\$600.00	Approve minimum of 14 credits, maintain required GPA, enroll for next semester

Returning Students	
Academic Average Required	Benefits - Discount for Enrolled Credits
3.30 - 3.40	9-12 credits = \$5.00
	13-14 credits = \$10.00
	15 - 0> credits = \$15.00
3.5 or more	9-12 credits = \$15.00
	13-14 credits = \$20.00
	15 - 0> credits = \$35.00

Procedure for new students

1. This incentive applies only to new students in their first academic year.
2. Students who meet the defined requirements will have their account credited the week after the deadline or cancellation with 100% refund (see academic year calendar). At this time, the student must be enrolled for the next semester in at least 14 credits.
3. Student must not have incompletes at the time of the evaluation to confirm eligibility.
4. Students who receive this incentive will not be eligible for other institutional or proposal-based incentives.

Scholarship for new students in Chemistry, Social Work, Nursing and Education

This scholarship program is for incoming high school students who wish to study in the areas of Chemistry, Social Work, Nursing, or Education. The applicant shall:

- Have an academic grade point average of no less than 2.5 and an admission rate of 3,300 in the institutional formula.
- Complete the Federal Financial Assistance Application (FAFSA).
- Qualify, initially, for an *Expected Family Contribution* in the range of 0-500.

Students who enroll in 12 or more credits with a grade point average of 3.00 will receive the amount of \$750 per semester as a benefit. Students enrolling 12 credits with a grade point average of 2.50-2.99 will receive \$500 per semester as a benefit. The student may receive this financial assistance for a maximum period of 5 years.

Exemption for Students of Religious Orders

- Sagrado offers exemptions to students who belong to Catholic religious orders. They are defined as those who have been ordained as a Catholic Priest or those individuals who have taken perpetual vows in a congregation or Catholic Religious Order.

- Students who apply for this benefit must demonstrate evidence of U.S. citizenship or permanent residence in Puerto Rico, must be enrolled as regular students in an undergraduate program, maintain an academic index of 3.00 points cumulative per academic year, and have approved 90% of the credits taken.

FINANCIAL NORMS

Fees and charges

- Updated information can be found at: <https://politicassagrado.edu/wp-content/uploads/Normas-Financieras-2020-2021.pdf>

Enrollment

- Students must process their enrollment through the website <https://mi.sagrado.edu/ics> on the dates indicated for each academic term. Students who do not process their enrollment within the required period are subject to additional late fees.
- Only students who are officially registered and have paid their tuition fees are allowed to attend classes. Tuition will be cancelled for any student who has not completed the required payment at the beginning of each academic period.
- Not attending classes does not relieve the student of the debt incurred upon enrollment.

Medical Insurance

The cost of Sagrado's medical plan will be included in the tuition of any student who enters the site and requests it. This charge will be waived only for those students who present evidence of a current medical insurance for each semester.

Payment Plan

For information on payment plans please see the following link:

<https://politicassagrado.edu/wp-content/uploads/Normas-Financieras-2020-2021.pdf>

Official Documents

- Letters of recommendation, transcript of credits, graduation certification and other official documents are given only to those students who are on current in 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 he or she pays his or her debt to the institution.

Reimbursements

Enrollment Cancellation

An enrollment cancellation is made during the days between the regular enrollment period and the day before the start of the week of classes, according to the Academic Calendar. In these cases, 100% of the cost of credits and special course fees (lab, workshops, and teaching practice fees, among others) will be refunded. The general fee, infrastructure fee, technology fee, late enrollment fee, and any other fees will be the responsibility of the student.

Official withdrawals

The application for a full withdrawal is initiated through the academic advisor or designated staff and concludes at the Vice President of Student Affairs.

Reimbursement of the enrollment fee and special course fees (laboratory, workshops, and teaching practice fees, among others) will be granted for official withdrawals made during the first two (2) weeks of classes of the regular semesters and sessions of the Graduate Program, as indicated in the academic calendar, in accordance with the following provision:

- During the first week of classes: 100%
- During the second week of classes: 40%
- After the second week of classes, no refund will be granted.
- During the summer and VUHO sessions, a 75% refund will be granted for the first three (3) days of school, as noted on the academic calendar.
- Tuition paid through financial aid will not be eligible for refunds but will be adjusted according to the Title IV Federal Student Aid Refund Policy.
- General fee, infrastructure fee, technology fee, late enrollment fee, and any other fees are non-refundable.

Cancellation - Students Staying in Residence Halls

- The amount refunded to the student for the cancellation of his/her residence hall accommodation will be determined by apportioning the total charge between the days from the first day of class to the eighth week of the semester. No refunds will be granted for cancellation of residence after this date.
- During the summer sessions, the amount refunded for cancellation of the residence hall accommodation will be determined by apportioning the total charge between the first 15 days of classes. No refunds will be granted after this date.

Reimbursement for students who are members of the U.S. Armed Forces Reserve and the Puerto Rico National Guard.

When a student is activated for service in the Armed Forces Reserve or by the Puerto Rico National Guard, he or she is entitled to.

- A credit for the courses that he/she is taking at the time of activation. This credit will last for two years from the time the student is inactivated from the service.
- A space in the courses in which he/she had enrolled, 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.

CLAIMS

Any person who understands that he or she has reasons that warrant an exception to the published rules must present in writing his or her situation with the necessary evidence no later than the last day of classes of the semester or academic session for which he or she is requesting the exception. If necessary, he or she may request reconsideration of his/her case by submitting the necessary evidence and justification in writing to:

Finance Office
Universidad del Sagrado Corazón
P.O. Box 12383
San Juan, Puerto Rico 00914-0383

For more information, please refer to the Student Regulations: <https://politicassagrado.edu/wp-content/uploads/Reglamento-Estudiantes.pdf>

STUDENT SERVICES

The Vice Presidency of Student Affairs offers a variety of services that promote the student's comprehensive development. Student services reflect the University's commitment to its mission and are student-centered to facilitate personal growth and the achievement of academic goals.

Student services are geared toward facilitating the appropriate academic and personal development of students.

Athletic and Recreational Activities

Sagrado is a member of the Inter University Athletic League (LAI). Except for wrestling, which only has male representation, we participate in the following sports in the female and male categories: volleyball, taekwondo, tennis, basketball, and soccer, judo, weightlifting, track and field, swimming, cross-country, and dance. The athletic program is oriented to 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 student's

integral well-being. Sagrado offers the student and community recreational spaces and activities to promote physical well-being, such as swimming lessons, athletic therapy, and gym membership. The Office of Athletic and Recreational Activities offers intramural and extra-mural activities. The entire campus community is encouraged to participate in extracurricular activities that help improve their development and quality of life. Sagrado teams join in activities organized by LAI and compete with other universities in Puerto Rico.

Professional Experience Center (Sagrado Careers)

Sagrado Careers is the set of services offered to contribute to professional development and increase students' employability. It seeks to integrate relevant work experiences with academic training. These experiences range from volunteer and internships to formal employment experiences. All students active at Sagrado (undergraduates and graduates) and alumni are eligible for services. More information is available at <https://www.sagrado.edu/sagrado-careers>.

Student Support Program (SAP)

PAE is a program funded by the Federal Department of Education. TRIO Programs provides educational services, counseling, tutoring, technology support, academic, personal, vocational, financial planning, cultural activities, and other support services to facilitate adjustment to college life, academic progress, and student retention and graduation. Each year, PAE serves a population of 618 participants. The Program has a specialized staff committed to providing quality services to help students achieve their academic goals. To receive Program services, students must meet the following eligibility criteria:

- Have been admitted to a program of study at Sagrado.
- Be a U.S. citizen or resident alien (have a green card permanent U.S.).
- Be the first generation in your family to graduate with a high school degree (neither of your parents must have obtained a high school degree).
- Have limited financial resources (according to the scales established by the Federal Department of Education)
- Demonstrate academic need, as measured by PAA results (495 or less in English, 475 or less in Spanish, and 500 or less in Math)
- and/or have a document that certifies functional diversity.
- Some additional documentation may be required from those students interested in becoming program participants.

Residences

Sagrado has two university residences to provide accommodation for students: Females Residence (with 177 double rooms) and the Males 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 closures. Receptions are guarded 24 hours a day by Residence Hall staff or security officers. Residence Hall

Coordinators stay in the facility, and there is a Residence Hall Assistant (RA) on each floor. Together with the Residence Director, the RAs conduct activities exclusively for the residents and support compliance with regulations. Both residences have facilities to accommodate students with functional diversity. To request accommodation, the student must present the corresponding medical evidence.

Campus Security

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

The Security Office staff ensures that institutional and government security policies are met and coordinates with institutional units for campus activities to always maintain a climate of order.

The University has parking areas for the university community. Students who wish to do so may purchase an access permit during the enrollment process. Students must register their vehicles at the Security Office. All students who use the Institution parking facilities must comply with the provisions of the Traffic Regulations, a copy of which is given to them when acquiring the access permit.

UNITS, PROJECTS, AND STUDENT AND ACADEMIC SUPPORT CENTERS

Library

The Mother Maria Teresa Guevara Library is the research and enrichment center for the academic management of students and faculty of Sagrado. The Library has transformed its spaces following the *Learning Commons model*, in which students find resources, information services, support for research, technology, and an environment conducive to the exchange and creation of knowledge. For more information about the Mother Mary Teresa Guevara Library, <http://biblioteca.sagrado.edu>.

Cafeterias

The cafeteria, operated by a concessionaire, is located on the second floor of the Student Center. There is also a picnic area on the Barat Sur Building's second floor, also used by a concessionaire.

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 provides the university community loan services of audiovisual equipment, recordings, videos, and photography.

Collaborative Innovation Center (NEEUKO)

NEEUKO has a multidisciplinary team of designers, technology, and infrastructure that provides access to design and innovation tools and services to students at Sagrado and the communities of Santurce. Its focus is to promote a strategic vision of innovation and design within the urban, community, and institutional context. It is composed of

three units: design laboratory, manufacturing laboratory (FabLab), and community program (Nuestro Barrio). The three units provide services for ideation, validation, research, prototyping, product development, and marketing, with the firm purpose of achieving sustainable results directed and controlled by the community or its users. Nuestro Barrio is an initiative that works for the strategic and participatory creation of the Santurce Cultural District. Through NEEUKO at Sagrado, we envision and co-create an inclusive and sustainable district to provide economic and social development opportunities. The programs link cultural and business activity with community development. In collaboration with neighboring communities, we offer cultural activities that represent and honor Santurce's cultural diversity and history. In NEEUKO, the cultural offerings are actively visualized so that both residents and visitors can participate. These activities strengthen the economic and social development of the area.

Sofia Center

The Sofia Center consists of making present in the University Community the living experience of our Christian faith, contributing to society leaders in solidarity, according to the heart of Jesus, willing to favor the integral human promotion of the Puerto Rican communities, from the exercise of solidarity, justice, and peace. The Sofia Center develops its projects and activities from four areas of action:

- Research, reflection, and theological formation: Projects directed to the dialogue between Theology and the different scientific and humanistic disciplines generate a synthesis between faith-science-culture, from the transversality of ethics and social justice.
- Social action, service learning, and volunteering: Service-learning experiences and participation in various actions are facilitated. The program offers students the opportunity to gain experience in a real work setting and, in their profession, while contributing to the defense and construction of a sustainable, fair, fraternal, supportive, and ecological society that preserves life.
- Psycho-spiritual accompaniment: These are spaces of discernment and accompaniment that strengthen the personal, social, mature, and supportive response of the professionals in formation. The sense of belonging is accentuated in the university community members to give a reason for their identity and participate actively in the educational and community processes that favor the integral growth of all. The capacity to make coherent and responsible choices for the students' life projects is developed with bonds of affection, trust, respect, and mutual acceptance.
- Spirituality: A meaningful ecclesial experience is promoted with students, professors, and administrators that achieve the appreciation, in one's own life, of prayer, liturgy, contemplation of the Word of God, and the sacraments for the integration of faith and culture. We encourage ecumenical and interreligious dialogue, collaboration, and reciprocity between the different Christian and religious expressions. We promote a celebrative and fraternal character that

allows a significant communion between all and the deepening and commitment to the institutional spirituality.

Sagrado does not discriminate based on religion or require the participation of students or employees in religious acts. However, all are required to be respectful of the institution's Catholic character and therefore not to place any obstacle to the development of the expressive activities of Catholicism.

Center for Learning Biology Resources (CRAB)

The Center for Learning Resources in Biology (CRAB) is a complex of classrooms and laboratories attached to the Department of Natural Sciences. The Center is equipped with modern educational technology and state-of-the-art laboratory equipment.

Community Outreach Center (COC)

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

Element 360

Elemento 360 provides professional communication, marketing, and production services to clients such as non-profit organizations, small and medium enterprises ("PYMES"). It also offers services to student associations or units and administrative staff 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, linking 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 director of Elemento 360 and mentored by 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 local media, academic and administrative units of the University, and other independent media interested in providing an educational experience for students to learn by doing. You 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 a center for the development of innovation 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 located 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, emerging artists from the community, and talented students. Its mission is educational and cultural. One of its main objectives is the search for aesthetic excellence focused within an investigative context whose goal is to rescue our plastic history and provide our community with direct contact with art.

Integrated Information Technology (ITI)

ITI is the unit that manages the institutional computer resources. As part of its services, it provides support to the academy by managing a computer laboratory. It also provides a meeting area and workspace supporting graduate-level courses through specialized programs such as Rbase, CyberCiege, SPSS, and others. Students who have access to the computer lab have services from specially trained technicians who offer users guidance and assistance in the systems' operation, access to the wireless network, email accounts, access to the distance learning system, and integration of mobile devices.

Internationalization and Interuniversity Relations

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

Laboratories

The institution has different laboratories for the development of student skills. The Department of Natural Sciences has laboratories:

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

Sagrado has other laboratories of:

- Languages
- Computing

MultiMedia

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

channel, and other external channels. This represents an opportunity for practice and professional growth for students in the area of content production.

Studiolab

The Studio of Creative Technologies (StudioLab) is a laboratory and digital production center designed to create 3D animation, visualization, and immersive media for multiple uses and purposes. It serves the student body through courses, conferences, and workshops while offering seminars for professionals and participating in collaborations with the industry. With the technological equipment, professional-level *software*, and specialized faculty, StudioLab is at the forefront of creating digital content.

Emilio S. Belaval Theater

The Hall has 344 seats, 296 on the first level and 48 on the second. It has a modern system of sound, lights, theatre, and projection. Space is used to present plays, forums, conferences, congresses, symposiums, commented recitals, concerts, musical performances, 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 Theater Program's practice laboratory and the venue for performances organized by the Faculty and/or student organizations. It has a dressing room, a stage, light and sound systems and a capacity for 60 people.

STUDENT BODIES

Student Council

The Student Council is elected by the students annually, following the regulations. This process encourages and channels the student body's effective participation in institutional life. The responsibilities of the Council are:

- Officially represent all students.
- Promote the exchange of ideas and opinions to make recommendations concerning problems affecting the university community.
- To encourage and promote an intellectual, moral, and Christian environment that fosters the student's total development and the closest relationships among the university community members.
- To stimulate students in the fulfillment of their duties and the maintenance of institutional order.
- Designate students to represent the student body on committees and agencies as established by institutional policy.

Student Organizations

As the primary beneficiaries of the institutional effort, the student body has full freedom of association within a mutual respect framework that helps maintain a climate of solidarity and appropriate human relations. They can organize and participate in those activities that are compatible with existing standards. Any group interested in becoming a student organization must apply for official recognition from the corresponding body in the Vice-Presidency and Deanship of Student Affairs, as provided in the Student Regulations. Accredited student organizations will present a work plan to the Vice-Presidency every semester and will assume legal and financial responsibility for their activities.

Student Representation on the Academic Board

The Academic Board is the body that exercises legislative and advisory functions and constitutes the official forum of the University concerning teaching and organizational processes that are essential to it. This Board is composed of *ex-officio* members, faculty delegates from the academic units, and student representatives. By regulation, the president of the Student Council is an *ex-officio* member of the Academic Board. Also, in an annual vote, student representatives are elected by each academic unit.

ACADEMIC NORMS AND REGISTRAR OFFICE

STUDENT'S RECORD PRIVACY RIGHTS ACT - FERPA

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

Students, who so desire, may submit complaints regarding violations of this law to the Family Policy Compliance Office US Department of Education 400 Maryland Avenue, SW Washington D.C. 20202-8520.

ACADEMIC YEAR AND SESSIONS

Undergraduate Programs

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

- Classes for the first semester begin in mid-August and end in the second half of December. The second semester starts in mid-January and ends at the end of May.
- The first summer session corresponds mainly to June and the second session to July.

Graduate Programs

The graduate programs develop their academic activities in three sessions per year, starting in August, January, and April/May.

Graduate courses conform to the definition of credit/contact hours. One credit entails a minimum of 15 contact hours of meetings or academic activity per session under the professor's direction in charge of the course. The professor may develop part of the course activities through online activities or group work.

Academic Calendar

The academic calendar published by the Registrar's Office indicates the enrollment dates, beginning of classes, deadlines to drop courses with a "W," for reporting mid-semester academic achievement, establish dates for exams because of incompletes, the period of final exams, breaks, completion of classes, commencement, and other particulars of the university's academic activity.

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

CREDIT HOUR POLICY

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

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

Clinical Practices: One credit is equivalent to 3 contact hours per week for approximately 15 weeks for a total of 45 hours per semester or academic term.

The credit hours of a remote course (hybrid or fully online) will be assigned based on the above principles. The discussion of the contents raised in the coursework, the didactic activities both synchronous and asynchronous and the interactivity between student-student, student-teacher, student-content will constitute these courses' elements.

GRADING SYSTEM

The grade indicates the student's academic achievement in each course. To facilitate the computation of the academic index; an indicator of the 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 a student fails to attend a course without meeting the class's academic requirements or officially withdrawing. This grade carries an academic penalty.

In addition to the above grades, the following notations, which are not computable for an academic index, are established to denote the condition explained in each case:

Grade	Description
P	Approved
NP	No approved
I	Incomplete (see Incomplete Performance)
W	Officially discharged
*	Repeated Course (see Repeated Courses)
AU	Auditing (No credit or final grade)
NG	No Grade

ACADEMIC INDEX

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

GENERAL INDEX

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

GRADUATION INDEX

It is calculated by computing all grades obtained in the courses required by the academic program to which the student applied for graduation.

CONCENTRATION INDEX

It is calculated with the grades obtained in the courses of the requested grade concentration.

REPETITION OF COURSES

The undergraduate student may repeat a course if desired when the grade initially obtained is not satisfactory. Only the highest grade is considered to determine the academic index.

If eligible for funding from the various financial aid programs, a student at the undergraduate level who wishes or is required to repeat a course may do so up to two additional times at federal expense.

INCOMPLETE PERFORMANCE

When the student has not completed any course requirement and presents valid reasons for not doing so, the teacher may assign the provisional grade of "Incomplete" accompanied by the accumulated grade. The teacher will determine the cumulative grade by giving a score of zero to work missed.

If the student is granted an "Incomplete" grade, he/she should contact the professor to agree upon a date and other circumstances in which he/she will complete the pending requirements. This agreement should be made reasonably in advance so that the teacher can report the final grade to the Registrar before the middle of the semester following the course. The academic calendar published by the Registrar's Office indicates the deadline for removing incomplete grades. 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.

GRADES REPORT

At the end of each semester, each student's grades will be available through the mi.sagrado.edu portal. If the student is unable to access the report card, he/she should contact the Registrars' Office. A student who believes that a mistake has been made or who wishes to file a complaint about his/her grades, should notify the professor who offered the course or the director of the corresponding academic unit before the middle of the semester following that in which he/she took the course. A student in debt will not see his or her report card until the debt is paid.

RECLASSIFICATIONS

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

- Have approved no more than 30 credits of your current study plan².
- Have an overall average of 2.50³.
- Get oriented with your academic advisor or with the direction of your academic unit. During this orientation, the student should receive information about
 - the number of credits attempted and approved;
 - your overall average;
 - the credits required to complete the curriculum you want reclassify if replacements apply; and
 - the impact of reclassification on the percentage of financial aid used and/or required to complete the grade.
- Submit the form that applies and the corresponding payment in the office of Integrated Assistance (ASI). The student must submit the document to the Registrars' Office.

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

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

STANDARD OF SATISFACTORY ACADEMIC PROGRESS

The undergraduate and graduate students must meet the current academic progress standard available in politicassagrado.edu.

PROBATION AND SUSPENSION FOR UNDERGRADUATE STUDENTS

The undergraduate student must maintain at least the cumulative rate listed below:

Accumulated credits	Minimum rate
2-33	1.5
34-66	1.65
67-99	1.80
100 or more	2.00

² This policy does not apply to the Bachelor of Science in Nursing programs (on-site and distance learning). The 30 credits approved include credits that have been transferred from another institution.

³ Other rules or averages may apply in the case of specific programs.

A student with a lower grade point average is placed on probation or suspended for academic deficiency as determined by the Vice President of Academic Affairs.

During the probationary period (which is one academic year), the student must enroll in courses whose academic work allows him/her to dedicate to studies. Generally, there is a limit of 12 credits per semester for these cases. During the probationary period, the student will repeat the courses in which he/she has obtained grades of "D" or "F" and will arrange with the institution's academic advisors for professional assistance to help him/her adjust to the university requirements.

At the end of this period, the student must have reached the required academic index; otherwise, he/she will be suspended from the Institution. If the student on probation receives benefits from the Veterans Administration, no payment for repeated courses during a probationary period will be made unless the grade average obtained in the course is less than that required by his/her program of study. A student suspended for academic failure will be separated from the University for one academic year. If readmitted, the student will be placed on probation, and his/her stay in the University will depend on his/her academic performance. If a student is placed on probation or suspended on more than one occasion, he/she may be permanently removed from the Institution, a determination to be made by the Vice President of Academic Affairs

ACADEMIC PROGRESS - GRADUATE STUDENTS

- The graduate student must maintain a minimum overall average of 3.00 during his/her studies.
- The student will repeat all courses in which he/she obtains a grade of "C" or lower.
- When the student repeats the course, the Registrar's Office will use the highest grade to determine the cumulative rate; however, the lowest grade will remain on the transcript.

In programs that require projects, the student will have up to one consecutive academic year to complete them. The student will receive a final grade of Pass (P) or Fail (NP), as appropriate. Failure to complete the project will result in failure to meet the grade-level requirements.

PROBATION AND SUSPENSION-GRADUATED STUDENTS

Probation for Academic Deficiency The student must maintain a minimum average of 3.00 during his/her studies. At the completion of the academic year, any student with 9 or more approved credits with a GPA of less than 3.00 will be classified on a probationary for a period not exceeding one year. The student may enroll six credits in a period of no more than two academic sessions in courses authorized by the director of the academic unit of his/her program. Once the probationary period has elapsed,

the Registrars' Office will proceed to re-evaluate the record and change its classification if the student has raised his/her general index to the minimum required.

Suspension for Academic Deficiency

If, after the probation period, GPA continues to fall below 3.00, the student will be suspended due to academic deficiency by the Registrar's Office. The minimum period of suspension will be one year. The student will be notified in writing of the suspension by the Registrar's Office. If a student is placed on probation or suspended on more than one occasion, he/she may be permanently removed from the Institution.

Suspension for Disciplinary Reasons

Sagrado reserves the right to suspend any student whose conduct does not comply with institutional standards and student rules and regulations and after following the relevant regulations' procedures. The Student Regulations govern *student suspensions*. You can access it at <https://politicassagrado.edu/wp-content/uploads/Reglamento-Estudiantes.pdf>.

WITHDRAWAL POLICY - UNDERGRADUATES AND GRADUATES

- Withdrawal means the student's withdrawal 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 involves the withdrawal of all the courses enrolled, the withdrawal is total.
- It is possible to request partial or total cancellation until the last day of classes without affecting the student's academic index. In both situations, it is required that the student has paid the outstanding financial obligations at the Integrated Assistance Office.
- To request a withdrawal from a course, the student must complete the corresponding application. Similarly, if the student requests a total withdrawal, he/she must discuss it with his/her academic advisor or designated staff. Once the Vice President of Student Affairs authorizes the total withdrawal, the student must go to the Office of Integrated Assistance (ASI) to complete the process. He or she may also complete the process electronically.
- If the student does not comply with his/her financial commitments to the Institution, no credit transcripts, letters of recommendation, degree certificates, or any other official documentation will be issued.

POLICY OF TRANSFER OF COURSES

Undergraduate Programs

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

- The student must be admitted to Sagrado as a transfer student.

- You may validate up to a maximum of 42 credits of the total credits required in your curriculum according to the following parameters per component.⁴:
 - General requirements: All credits in this component can be transferred.
 - Institutional requirements: From this component, only the course Self Leadership I (LID 101) can be transferred.
 - Concentration/Major: Up to nine (9) credits of this component may be transferred. In the case of accredited academic programs, specific rules will be observed, as applicable.
 - Exploration: All credits in this component are available for transfer. These courses may not constitute a second or lesser major under the Sagrado curriculum.
- The transfer of credits is done by evaluating each of the approved subjects and their equivalence with Sagrado's corresponding subject.
- Only courses approved with a grade of "C" or more at the home institution and with an equivalency in credits equal to or higher than the equivalent course at Sagrado are considered for transfer, provided that no more than 12 years have passed since the date on which they were approved. The expiration date of credits applies to students who have not completed an academic degree at the time of applying for the transfer.

The procedure to perform the transfer of credit evaluation will be as follows:

- When applying for admission, the student must indicate whether you wish to transfer credits or waive them in the Admissions Office. If you decide to waive the credits, they cannot be transferred later. If you wish to transfer credits, the Admissions Office will complete a preliminary evaluation. To do so, the student must submit his/her credit transcript, copy of the institution's catalog, or transcript where he/she took the courses to be transferred. If necessary, the Admission Office will consult with the directors of the academic units related to the courses to be transferred.
- The Admissions Office will send the student's file with the official credit transcript to the Registrars' Office, where the transferred credits will be made official.
- The student's file will identify the transferred courses with the letter "T". If the student retakes the transferred course, the grade obtained at Sagrado will prevail. Transferred courses are not considered for the GPA.

⁴ This policy does not apply to the Bachelor of Science in Nursing programs (on-site and distance learning).

Transfer of Students to the Nursing Program

Students transferring from other institutions should:

- For the initial evaluation, you may submit the student copy of the credit transcript. To make the final decision about the transferred courses, Sagrado must receive the official credit transcript from the origin institution.
- Students interested in transferring to the distance/accelerated mode must have at least 24 approved college credits with a minimum GPA of 2.50.

Graduate Programs

Candidates for admission as transfer students to master's programs will be considered if they meet the general requirements. Candidates must make arrangements with their home university to send their official credit transcript to determine the transfer of credits that can be considered.

- Students who have begun studies for a master's degree at another accredited university may transfer no more than 6 credits of the program's requirements to which they are applying for transfer. Courses approved with A or B grades could be considered for transfer credits if they are equivalent to courses offered by the corresponding Sagrado master's program.

Consideration of Non-Traditional Experiences

The University recognizes and accredits learning achieved by non-traditional methods. To this end, the Program for the Consideration of Non-Traditional Learning Experiences has been established, which offers regular students three forms of consideration: challenge exam, portfolio of experiences, and visual arts portfolio. Refer to the Handbook for the Consideration of Non-Traditional Experiences through mi.sagrado.edu

Advanced Exams Credits

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

Advanced Level Course Program

Subject	Minimum Grade	Transfer	Equivalent courses	Transferred Grades
English	C	6 credits	GCM 102 (RG) GCM 201 (RG)	
Spanish	C	6 credits	GCM 101 (RG) ESP 121	The ESP 121 course will be transferred in the Exploration component.

Subject	Minimum Grade	Transfer	Equivalent courses	Transferred Grades
Mathematics general university	C	3 credits	MAT 100	The credit will be transferred into the Exploration component.
Pre-Calculus	B	6 credits	MAT 133 MAT 134	For Biomedical Sciences, Chemistry, and Biology students, the credit will be transferred into the major's component. For students from other programs, the credit will be transferred into the Exploration component.

Advanced Placement Exam (AP)

Subject	Sagrado Equivalent	Score	Trasfer
Microeconomics	ECO 310 Contemporary Economic Issues	3	3 credits
Macroeconomics	ECO 310 Contemporary Economic Issues	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 (part 1 and 2) or INF 125 Creative Programming and Problem Solving	3	8 credits
Physics C: Mechanics	FIS 203 - General Physics I GEO 102 - Cultural Geography	3	4 credits
Human Geography	GEO 102- Cultural Geography	3	3 credits
Psychology	PSI 201 - General Psychology (transfer for students in the higher or lower concentration Psychology Program)	3	3 credits
Art History	ART 102 - Visual Arts Appreciation	3	3 credits
English Literature and Composition	GCM 102 - Perceptions and Notions of Reality	3	6 credits

Subject	Sagrado Equivalent	Score	Trasfer
	GCM 201 - The Power of Arguments		
European History	HIS 327 - The European 19th Century	3	3 credits
French Language	FRA 103 and 104 - Intermediate French I and II	3	6 credits
Italian Language and Culture	ITA 101 and 102 - Basic and intermediate Italian	3	6 credits
Spanish Language	GCM 101 - The Text in Contemporary Culture ESP 121 and 122 - Literary Genres I or II	3	6 credits
US Government and Politics US History	HIS 339 - Culture and Society of the United States	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 advanced placement credit. The director of the academic unit to which the discipline belongs will evaluate its courses. The student is responsible for submitting the official test passing information.

STUDIES IN OTHER UNIVERSITIES WITH SPECIAL PERMISSION

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

- The course is not offered at Sagrado and is an immediate requirement for graduation or a prerequisite for another required course. The course must be equivalent or superior to the course offered at Sagrado in terms of credit and content.
- The student must have a general average of no less than 2.50.
- The student must comply with the academic progress standard satisfactory.
- Courses that have already been tried 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 your 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 approved with a minimum of "C."
- Courses approved by special permission are graded as P or NP.
- Any situation not covered here will be evaluated by the Associate Vice President for Academic Affairs.

POLICY TO COMPLY WITH THE CURRICULUM

Courses must be approved in the order indicated in the study plan published by the Academic Affairs unit. If the student needs to modify his/her plan of studies' sequence, he/she should consult with his/her academic advisor.

The classifications of students according to the number of credits passed are as follows:

first year	students who have completed less than 31 credits
second year	students who have completed 31 to 60 credits
third year	students who have completed 61 to 90 credits
fourth year	who has completed 91 or more credits

VALIDITY OF STUDY PLANS

- The student must graduate according to the program in effect at the time of admission to the Institution.
- Students who interrupt their studies for a semester and are readmitted will follow the curriculum in effect on the date of readmission, regardless of academic level. If the student does not complete the degree, the courses' validity will be 12 years.⁵
- The student is responsible for meeting the course and credit requirements outlined in his/her curriculum. Academic advisors guide the student in the program's fulfillment but are not authorized to make modifications or substitutions regarding courses and requirements.
- The University reserves the right to make changes to programs and degree or diploma requirements.

⁵ The academic advisor must confirm whether the student has applied for a leave of absence under the *Policy on Student Voluntary Leave of Absence*.

STUDENT CATEGORIES

Category	Academic Level	
	Undergraduate	Graduate
Full Time	12 credits or more	6 credits or more
Partial Time	Less than 12 credits	Less than 6 credits
Auditing	It is the student who is not required to attend classes regularly, is not required to take exams, and does not receive a final grade or academic credit. Auditing studies are not creditable towards an academic degree.	
Transitory	A student who is enrolled in another university or educational institution and receives authorization to study at the university. A transitory student who wishes to change his/her status to that of a student with formal admission to an academic degree must meet the admission requirements in effect at the time of application.	

ACTIVE STUDENT STATUS

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

ACADEMIC LOAD

The standard academic load for undergraduate students is 15-21 credits per semester. In the summer sessions, students may enroll up to a maximum of 6 credits, or the equivalent of 2 courses per session. Enrollment above this credit limit must be authorized by the Vice President for Academic Affairs.

VETERANS AND THEIR BENEFICIARIES

- The institution is authorized to enroll veteran students and their beneficiaries referred by federal and state agencies.

- These beneficiaries must meet all admission requirements, in addition to those related to their beneficiary status of the relevant agency in the federal or state program in reference.
- Under Federal Code, Title 38, the Office of Veterans Affairs requires beneficiaries to complete their program of study within the regular program time. If it extends beyond the standard time, it cannot continue to receive veterans' benefits. However, you may be able to receive other financial aid available if you qualify.
- The Veterans Administration will only pay for those courses that fail (F) or are less than the required grade in their program of study.

According to the requirements of Title 38 USC 3679(e) - Veterans' Benefits related to Chapter 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*).

1. The covered individual may attend classes and participate in their courses during the period beginning on the date the individual provides the institution with a certificate of eligibility for entitlement to educational assistance under Chapter 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 VAF Form 28-1905 for authorization under Chapter 31; ending on the earlier of these two dates: a. a. The date the institution receives payment from VA; or b. 90 days after the date the institution certified the tuition and fee charges following receipt of the certificate of eligibility.
2. The institution will not impose:
 - (a) any penalty, including the 1.95% finance charge on the outstanding monthly balance,
 - (b) restriction of access to classrooms, library, or other institutional facilities, or
 - (c) 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 because of a delay in disbursement by the Veterans Administration ("VA") under Chapter 31 or 33. This provision does not apply to tuition, fees, and other charges 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 in which he/she is enrolled.
- Have achieved a minimum cumulative academic index of 2.00 in your curriculum requirements.
- Have completed at Sagrado at least the last 78 credits in the high school programs and 15 credits in the associate degree programs of your program of studies. Transfer students must have completed their program of study and concentration requirements in accordance with the transfer credit 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 the concentration courses with a grade of "C" or more and an index of 2.10 or higher. Students who meet these requirements must apply for graduation in writing to the Registrar's Office during the semester's enrollment prior to the semester that they expect to complete the degree requirements.
- The University reserves the right to consider as a candidate for graduation those students who have completed the degree, diploma, or certificate requirements in which he/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 approved all courses and credits required in the program of study and have obtained a graduation rate of 3.00 or higher.
- Have approved at Sagrado no less than 75% or 18 credits of the total credits required for the grade.
- To have passed the final grade work as established by your program of study.
- Have filed the application for graduation with the Registrar's Office within the published deadline and paid the graduation fee.

Graduation Requirements for Post-Baccalaureate Certificates

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

- Have approved all courses and credits required in your program of study and have obtained a graduation rate of 3.0 or higher.
- Have filed the application for graduation with the Registrar's Office within the published deadline and paid the graduation fee.

HONORS

Honor List

The honor list includes the names of the undergraduate students with higher academic achievement, according to the criteria established by the Vice President of Academic Affairs. This list is published during the first semester of each academic year. Students on the Honor Roll receive a digital certificate in recognition of their academic excellence.

Harold Lidin Honorary Seminar

Sagrado, through the Vice Presidency of Academic Affairs, offers its talented students the opportunity to be part of the Harold Lidin Honor Seminary, whose fundamental requirement is to maintain a 3.50 grade point average and have approved 30 credits with a regular class schedule.

This program offers the alternative of completing 3 free elective credits in one semester through a research project and presentation of the results in forums that include members of the university community and outstanding visitors in different disciplines or professional activities.

Graduation with Honors

The University graduates with honors those undergraduate students who achieve the following academic index levels, as established in the institutional norm.

<i>Honor</i>	GPA	
	<i>Bachelor's Degree</i>	<i>Associate Degree</i>
Cum Laude	3.50 a 3.70	3.50 a 3.70
Magna Cum Laude	3.71 a 3.89	3.71 a 3.89
Summa Cum Laude	3.90 a 4.00	3.90 a 4.00

Transfer students from other institutions will be eligible for honors if they have passed at Sagrado at least 50% of the credits required for graduation.

Awards and Distinctions

The University awards the following prizes at the graduation ceremony:

Academic Excellence Award

It constitutes the highest recognition of the University. It is awarded to the high school graduate who reaches the highest academic index and to the associate degree graduate with equal distinction.

Academic Distinction Award

It is offered to the graduate who obtains the highest academic rate in the high school studies in each academic unit.

GRADUATION CEREMONY

The University awards 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. Given this event's particular importance and significance, the University expects the timely attendance of all graduates.

A student who has met the graduation requirements in June or July and has no outstanding issues with the university may receive a certification of completion upon request to the Registrars' Office. The degree will be awarded in September.

CREDIT TRANSCRIPT

Any student who desires information regarding his/her academic history or the submission of credit transcripts should contact the Registrar's Office, which will accommodate his/her request following the *Family Educational Rights and Privacy Act of 1974*.

The transcripts are issued only upon request and with the interested party's authorization or official use by authorized officials of the Institution.

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 credit transcript to be considered official, it must bear the university's embossed stamp and the signature of the Registrar or authorized official.

The following conditions must be met to issue the credit transcript:

- To have satisfied all the economic obligations with the Institution.
- Have completed the application form.
- Payment for the transcript.

The Registrar's Office is the custodian of the student's academic record, processes the official credit transcript, and sends it to the requested entity. Transcripts should normally be requested no less than one week before they are sent. During the periods of enrollment, graduation, final examinations, and grade processing, the time required for the issuance of such documents may be longer.

Procedure

Students may request a transcript during the academic term in which they will complete their degree. They will receive it once they have completed it. They can request it through <https://tsorder.studentclearinghouse.org/school/select>. Any complaints regarding the application may be submitted within 45 days from the date of the application.

EXTRA AND CO-CURRICULAR TRANSCRIPTION

The extra and co-curricular transcript reflects the extra and co-curricular activities and projects in which undergraduate students participate in keeping with Sagrado's educational model. This transcript complements the traditional credit transcript that students receive upon completion of their studies. The rules and procedures for obtaining the extra and co-curricular transcript are as follows:

Only students who graduate from high school in December 2013 can obtain an extra, co-curricular transcript.

The activities represented are the following:

- Honors and Awards - Awards are given at or on behalf of Sagrado.
- Artistic and Creative Activities - Exhibitions of artistic creations or plays performed. Exhibits of art, plays, and other forms of artistic manifestations shall be held at Sagrado in the representation of Sagrado.
- Exchanges and Internships - Participation in exchange and internship programs in and out of PR. Exchanges must be evidenced by a credit transcript from the university where the exchange takes place. Courses must be approved with a C or higher. Internships must be certified by the center where the student works.
- Language Skills - Development of English language skills as evidenced by a standardized test in the case of the ELASH, you must obtain a minimum score of 160.
- Leadership - Participation in student organizations. Participation must be as part of the board and must be verified by the organization's counselor.
- Service-learning - Participation in the third-level courses of the Community Outreach Center (AMES).
- Sports - Active participation in Sagrado's sports teams. Sports activities must be on behalf of the university.
- Undergraduate Research - Development of research that is not a course requirement but contributes to increasing knowledge of research skills in various fields of study.

- Volunteer Services - Participation in service activities for the internal and external community through the Sagrado Heart Volunteer Development Center or the University Pastoral Center.

The information is included in the transcripts at the end of the semester in which the student has completed the activity. Transcripts are issued in English.

DISTANCE LEARNING

Pedagogical Philosophy

Sagrado conceives distance education as part of its educational philosophy by promoting the pursuit of knowledge through an active, collaborative, and relevant learning experience mediated by the Web. This experience allows for other forms of meeting between student and teacher.

Vision

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

ADMISSION TO DISTANCE PROGRAMS

General Requirements

General admission requirements for students in distance learning programs, including transfer and foreign students, are explained in this catalog in the section for students interested in studying on-site.

Technical requirements

- Have access to a computer with the specifications required by the institution.
- Have basic internet browsing skills.
- Basic knowledge and skills in handling operating systems, word processors, software, and work tools.
- Knowledge about handling electronic accounts, to send, attach, and receive messages.

Objectives of distance learning

1. Provide greater access to higher education by overcoming time and space limitations.
2. Encourage autonomous and experiential learning.
3. Use technology as a tool for the expansion and strengthening of Sagrado's institutional mission in its global context.

4. Develop new approaches for faculty to become better facilitators of this process.
5. Share and maximize academic offerings and institutional resources.
6. Expand the student population to which Sagrado offers its academic services.
7. Facilitate the establishment of collaborative agreements and consortiums with other educational institutions, inside and outside of Puerto Rico, to strengthen and share the academic offer.
8. Strengthen and enrich professional development and updating programs and education throughout life.
9. Meet the multiple needs of a heterogeneous student population.
10. Meet the particular needs of the adult population.
11. Meet the needs of the new world reality.

Learning modalities

- Distance learning - Totally online (TL): 100% of the experience is provided through institutional platforms.
- Distance education - Videoconference (VC): 100% of the experience is facilitated by video presence using institutional platforms in a synchronous way.
- Distance Education - Flexible Hybrid (HF): 50% of the experience is provided in the traditional classroom (on-site) and 50% is provided through institutional platforms.
- Distance Education - Virtual Hybrid (HV): 50% of the experience is facilitated by videoconference using an institutional platform and 50% is facilitated through the institutional platforms in an asynchronous way.
- On-Site - the course is provided in a traditional classroom setting and 100% of the content and evaluation and assessment activities are available in the LMS.
- On-Site Flexible (FP) - The course is taught from the classroom and broadcast simultaneously via video conferencing.

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 time and space constraints. There are 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
- "Ask the Librarian" chat

- RefWorks Bibliographic Manager
- ZOOM
- Google Suite (Gmail, Drive, Docs, Sheets, Slide, Form, Calendar, Hangout)
- Microsoft Office 365 (Word, Excel, Power Point, OneDrive, OneNote, SharePoint, Forms)
- Windows license
- Technical support line

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 hybrid programs.

GENERAL EDUCATION

Curricular Structure⁶

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Major	27 to 43
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General Education

In this component we study topics such as languages, culture, and arts, issues concerning our social, economic, and environmental world, issues related to the physical-chemical world and abstractions of the mathematical world with its applications and, mainly, we reflect 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 fields with the aim of establishing 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 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)

⁶ Currently, this curriculum outline does not apply to the Nursing program.

Based on these guidelines, a person who completes the General Education component throughout his or her bachelor’s degree at Sagrado will obtain

- Comprehensive knowledge of the Natural and Social Sciences and the Humanities
- Ability to analyze, think critically, and draw conclusions.
- Competences to communicate your ideas clearly and coherently.
- Understanding the methods through which the search for knowledge takes place.
- Ability to recognize differences and power relationships in the local and global spheres.
- Knowledge of the principles of well-being and a physically and psychologically healthy life.
- Capacity to make decisions including those that require interpretation of data or figures and those concerning their economic environment.
- Awareness of sustainability issues from the ONUs’ ODS.
- Willingness to articulate personal and professional goals.
- Ability to identify your strengths and weaknesses to manage your own performance.

General Education Courses

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

Code	Title	Credits
GCM 101	The Text in Contemporary Culture	3
GCM 201	The Power of Arguments	3
GCM 102	Perceptions and Notions of Reality	3
GCC 101	Development and Echoes of the Origin of Humanity	3
GCC 201	Building an Ideal Society	3
GCC 202	Challenges of Contemporary Society	3
GIV 201	Information and Communication Technologies (ICT) for Investigation in the Time Post-truth Era	3
GIV 301	Design and Research Methodologies	3
GIV 302	Data Management	3
GSE 301	Ethics and Political Challenges for Social Justice and Peace	3
GSE 302	Ecological Awareness, Inclusion and Human Rights	3
TEO 401	Community, Solidarity, Justice and Peace	3
GIE 101	Organizations, Work and Post-work	3

Institutional Requirements

As innovative elements of our academic project, we include two non-disciplinary areas to the General Education component, known as Self-Leadership and Entrepreneurship.

Self-Leadership

The Leadership area is a transversal experience of accompaniment in which the personal and professional objectives of the students are reflected upon, while promoting the development of their potential and their security and confidence in their own performance.

Entrepreneurship

The element of Entrepreneurship is a transversal experience in which students have the opportunity to articulate an objective or a project aligned with their personal and/or professional interests, while learning to develop and strengthen an entrepreneurial attitude, which we have defined as an attitude towards circumstances where the desire to do or achieve something is organized with tenacity, perseverance, without omitting any diligence. The contents of this element are organized in four phases: ideation, validation, development, and execution.

Exploration

The Exploration component (traditionally called free electives) presents the student with the possibility of exploring the variety of our undergraduate offerings with multiple objectives: completing a second major, completing two minors, combining a minor with a series of free courses, or taking the entirety of credits in an exploratory manner. This component guarantees our promise to offer a flexible curriculum to the needs, curiosities, and intellectual concerns of our student body. The number of credits varies by program.

DECLARATION OF HIGHER, SECONDARY AND LOWER CONCENTRATION

According to the new curricular structure, students have between 16 and 27 credits in Exploration, depending on their major. This allows them to do a second major, do 1 or 2 minors in the area of interest or take the courses that interest them in an exploratory way. Those students interested in doing a second or minor must declare it through Academic Management (*Gestión Académica*).

Minors consist of a minimum of 12 credits. In the event of a match between the same course of the minor and the major, the student must ask the director of the academic unit to which the course belongs, to substitute it with a course of the same level or higher. The same course may not be used for more than one major, combination of minors or combination of a major and a minor. The courses that comprise the selected minor must be approved with a minimum of C.

The required courses for the minors available in the different academic units are presented in the Manual for Minors and Second Majors published in the institution's webpage.

At present the institution offers the following minors:

Animation, Visualization and 3D Interactivity	Photography
Visual Arts	Business Management
Biology	Foreign Languages
Biomedical Sciences	Marketing
Exercise Science and Health Promotion	Music
Exercise Science and Health Promotion/Massage	Journalism
Strategic Communication	Pre-Pharmacy* ⁷
Interdisciplinary Communication	Pre-Medical*
Accounting	Pre-Veterinary*
Dance	Audiovisual & Film
Data Analytics	Events Production
Mobile Application Development	Psychology
Web Application Development	Creative Publicity
Sustainable Development	Public Relations
Human Development and Oppression	Theater
Education	Tourism
International Studies and Global Communication	

ACADEMIC DEGREES OFFERED

Associate Degrees (GA)	BAC in Strategic Communication
GA in Nursing Science	BAC in Interdisciplinary Communication
Bachelor of Business Administration (BBA)	BAC in Photography
BBA in Accounting	BAC in Journalism
BBA in Business Development	BAC in Audiovisual Production
BBA in Experience Design: Tourism and Events	Bachelor of Science (BS)
BBA in Marketing	BS in Biology
BBA in Business Management	BS in Biomedical Sciences
Bachelor of Arts (BA)	BS in Chemistry
BA in Visual Arts	BS in Exercise Sciences and Health Promotion
BA in Dance	Bachelor of Science in Nursing (BSN)
BA in Sustainable Development	Post-Baccalaureate Certificate (CP)
BA in Education	CP in Production and Marketing of Events
BA in International Studies and Global Communication	Master of Business Administration (MBA)
BA in Multidisciplinary Studies	MBA in Family Businesses
BA in Music	Master of Arts (MA)
BA in Psychology	MA in Creative Writing
BA in Theater	MA in Public Relations and Integrated Communication
BA in Social Work	Master of Arts in Communication (MAC)
Bachelor of Arts in Communication (BAC)	MAC in Digital Narrative
BAC in Animation, Visualization and Interactivity 3D	Master of Science (MS)
	MS in Digital Marketing

⁷ *Students interested in these lower concentrations must complete certain prerequisites. Guidance from the Natural Science Department is recommended before declaring them.

UNDERGRADUATE PROGRAMS

ASSOCIATED DEGREES

Associate Degree in Nursing Science

The Associate Degree in Nursing, which is on hold, aims to prepare qualified nurses to work in different health settings, utilizing the nursing process by intervening with individuals, family, and community under the supervision of a generalist or specialist nurse. Its modern Simulation and Skills Laboratory is considered among the best of the nursing schools in Puerto Rico. It facilitates the practice and development of psychomotor skills in the students of the Program, as well as the recreation of real situations, to work with high, medium, and low technology simulators. The concentration courses are offered by teachers who are specialists in the different areas of the Nursing Sciences. The theoretical part of these courses is also offered in the distance learning modality.

General Requirements (GR):	21
Department Requirements:	15
Concentration Requirements (CR):	<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	Reading for Communication	3	It will depend on CEEB.
ESP 106	Writing and Reading	3	PAA level. 450- 99
ESP		3	Various options
ING 114	Oral and Written Composition	3	It will depend on PAA.
TEO		3	Various options
	Total	21	
Departmental Requirements (DR)			
MAT 210	Applied Statistics I	3	
BIO 102	Human Biology II	3	
QUI 118	General, Organic and Biochemical Chemistry	5	
BIO 204	Introduction to Microbiology	4	Concurrent with BIO 101
	Total	15	
Concentration Requirements (CR)			
ENF 101	Fundamentals of Nursing	3	
ENL 101	Fundamentals of Nursing - Clinical	4	
ENF 231	Pharmacology	3	

Code	Course Title	Credits	Prerequisites
ENF 108	Medic-Surgical Care for Adults	8	ENF 101, BIO 101, concurrent with ENF 231
ENF 201	Care, Newborn & Family Pediatric Nursing Psychiatric Nursing	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 231, ENF 201
Code	Title	Credits	Code
* ENF 102	Student and Adaptation of Nursing	(2)	* Substitute or validate ENF 101 is required.
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101: For students who will take the board exam in states or countries that require it.
	Totals	39	

BACHELOR'S DEGREE

Animation, Visualization and 3D Interactivity (BAC)

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

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION 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
ADT 210	Preproduction, Preview and Animation	4	N/A
ADT 220	Character Design and Animation	3	ADT 201, ADT 210
ADT 310	Textures, Lighting and Advanced Composition	3	ADT 201, ADT 210

Code	Course Title	Credits	Prerequisites
ADT 401	Special Project 3D Animation	4	ADT 220, ADT 310
ADT 425	Special Effects for Image Composition	3	ADT 220, ADT 310
ADT 430	Advanced 3D Animation	4	ADT 220, ADT 310

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, from the study of traditional media. The curriculum trains students for research, conceptualization, and creation of artistic proposals in accordance with the 21st century, while preparing them to insert themselves as entrepreneurs and self-managers in the new dynamics of the cultural industries. Students develop their skills through various experimental workshops, as well as individual and collaborative projects.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
ART 111	Theory and History of Art	3	--
ART 116	Language and Visual Thinking	3	--
ART 125	Drawing Fundamentals	3	--
ART 215	Bidimensional Creation	3	ART116; ART125
ART 220	Digital Media	3	ART116; ART125
ART 230	Tridimensional 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	ART116; ART 125 ART 230
ART 415	The Circuit of Art	3	ART 310
ART 485	Interdisciplinary Practice	3	All concentration credits

Biology (BS)

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

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	32
Exploration (EX):	<u>27</u>
TOTAL:	125

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
MAT 133	Precalculus I	3	--
BIO 111	General Biology I	3	--
QUI 101	General Chemistry I	4	--
MAT 134	Precalculus II	3	MAT 133
QUI 102	General Chemistry II	4	QUI 101
BIO 112	General Biology II	3	BIO 111
BIO 200 or BIO 201 or BIO 203	Botany -or Plant Morphology -or General Zoology	4	BIO 112
BIO 223 or BIO 323	Genetics-or Developmental Biology	4	BIO 112
BIO 302	Ecology	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. It prepares you to continue professional studies in areas such as medicine, pharmacy, dental medicine, veterinary medicine, podiatry, and chiropractic.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	43
Exploration (EX):	<u>16</u>
TOTAL:	125

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
MAT 133	Precalculus I	3	--
BIO 111	General Biology I	3	--
QUI 101	General Chemistry I	4	--
MAT 134	Precalculus II	3	MAT 133
QUI 102	General Chemistry II	4	QUI 101
BIO 112	General Biology II	3	BIO 111
QUI 301	Organic Chemistry 1	4	QUI 102
MAT 201	Calculus I	5	MAT 134
FIS 203	General Physics I	4	
QUI 302	Organic Chemistry 2	4	QUI 301
FIS 204	General Physics 2	4	FIS 203
CBM 310	MCAT Biomedical Sciences	2	BIO 112 and QUI 302

Computer Science and Applied Digital Technologies (BS)

The Bachelor of Science in Computer Science and Applied Digital Technologies is oriented towards the software development of applications incorporating the latest technological advances and new trends. The curriculum enables the student to insert himself as an entrepreneur and self-manager in multidisciplinary projects involving digital and computer technology. The student develops theoretical and practical skills through various spaces of research and collaboration, as well as individual and collaborative projects. The program seeks to prepare students to become communicators with a solid background in or specialists in computer development with a communication perspective.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	43
Exploration (EX):	<u>16</u>
TOTAL CREDITS:	125

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
INF 120	Algorithms and Creative Programming	4	--
INF 125	Creative Programming and Problem Solving	4	INF 120
CCO 115	Computational Principles and Techniques	4	--
INF 201	Data Structure	3	INF 125

Code	Course Title	Credits	Prerequisites
CCO 225	User Experience Development in Web Applications	3	INF 125
CMU 260	Digital Storytelling	3	GIV 201
CCO 290	Web Content Management	3	CCO 225
INF 252	Introduction to Database	3	INF 125
CCO 340	Operating Systems	3	INF 201
CCO 335	Distributed Systems	4	INF 201, CCO 115
CCO 360	Artificial Intelligence	3	INF 201
CMU350	Data Analytics	3	INF 125, GIV 302
INF 385	Mobile Devices Programming	3	CCO 225, EMP 411

Exercise Science and Health Promotion (BS)

The Exercise Science and Health Promotion Program is 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 (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	43
Exploration (EX):	<u>16</u>
TOTAL :	125

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
CFI 101	Psychological and Social Aspects of Sports	3	
BIO 101	Human Biology I	3	
BIO 102	Human Biology II	3	BIO 101
CFI 201	Perceptual Development	3	
CFI 202	Injury Prevention and First Aid	2	
CFI 203	Physiology of Exercise I	3	BIO 102
CFI 204	Physiology of Exercise II	3	CFI 203
CFI 301	Cardiorespiratory Conditioning	3	CFI 204
CFI 302	Kinesiology	3	BIO 102
CFI 401	Training Methodology	3	CFI 204
CFI 402	Body Strength	3	CFI 204
CFI 411	Nutrition, Human Performance and Health	3	

Code	Course Title	Credits	Prerequisites
CFI 412	Administration and Supervision of Sports Facilities	2	
CFI 413	Practice in Exercise Science and Health Promotion	3	All the concentration courses up to CFI 414
CFI 414	Measurement and Evaluation of Physical Activity	3	

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 emphasizes 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. The student develops creative and digital communication skills based on a strategic plan. In addition, it provides a knowledge base, develops skills, and fosters an entrepreneurial spirit to form global citizens in tune with the sustainable development goals of the United Nations.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
CES 110	Strategic Communication	3	--
CES 111	Strategic Writing	3	CES 110
CES 220	The Creative Process	3	CES 111
CES 221	Strategic Branding	3	CES 220t
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	Media and Audience Analytics	3	--

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 ethically and critically understand and evaluate the media, its technologies, its contexts, its contents, and its audiences. The student 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 and analysis skills of the local and global culture.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
CMU 101	Introduction to Mass Communication	3	--
CMU 110	Mediatic Convergence, Communication and Culture	3	CMU 101
CMU 240	Multimedia Copywriting and Multimedia 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	--

Accounting (BBA)

The Accounting program aims to prepare professionals with the knowledge to work 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 their organization's objectives. For students who aspire to complete the requirements for the CPA, the study plan includes an option with 69 credits of concentration for a total of 150 credits.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	39
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

COURSES OF THE CONCENTRATION

Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	
INF 110	Computing	2	
CON 120	Accounting for Managers	4	
ADM 102	Organizational Dynamics	3	
ADM 201	Business Law	3	
ECO 310	Contemporary Economic Issues	3	ADM 105, CON 120
MCO 251	Management Statistics	3	
FIN 305	Commercial Finance	3	CON 120
CON 220	Accounting Principles I	3	CON 120
CON 221	Accounting Principles II	3	CON 220
CON 310	Intermediate Accounting	3	CON 221
CON 320	Cost Accounting	3	CON 221
CON 419	Auditing	3	

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	Computerized Accounting Systems	3	
CON 416	Income Tax in Puerto Rico	3	
CON 410	Advanced Accounting	3	
CON 400	Non-Profit Accounting	3	
CON 417	Federal Taxes	3	
CON 415	Auditing for Accounting Systems	3	

Dance (BA)

The Dance Program offers a current and comprehensive perspective on dance technique, theory, practice, application, and context. It promotes 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-centered learning that enriches the individual experience and encourages independence and self-management.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	36
Exploration (EX):	<u>18</u>
TOTAL:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
DAN 101	Classical Technique Basic Level I	2	
DAN 103	Contemporary Technique Basic Level I	2	
DAN 111	Improvisation Laboratory	1	
DAN 102	Classical Technique Basic Level II	2	DAN 101
DAN 104	Contemporary Technique: Basic Level II	2	DAN 103
DAN 201 or DAN 203	Classical Technique Intermediate Level I or Contemporary Technique Intermediate Level I	3	DAN 102 or DAN 104
DAN 205	Dance: Past, Present and Future	3	
DAN 207	Movement Analysis	3	
DAN 202 or DAN 204	Classical Technique, Intermediate Level II or Contemporary Technique Intermediate Level II	3	DAN 201 or DAN 203
DAN 301 or DAN 303	Classical Technique: Advanced I or Contemporary Technique: Advanced Level I	3	DAN 202 or DAN 204
DAN 302 or DAN 304	Classical Technique: Advanced II or Contemporary Technique: Advanced II	3	DAN 201 or DAN 204
DAN 390	Special Themes	3	

Business Development (BBA)

The Business Development Program focuses on developing in the student the skills to identify, make viable, develop, and lead growth opportunities in companies. The student is trained to become an entrepreneur, either through the creation of a new business or through intra-enterprise. Competences and skills are developed in topics such as the generation of ideas, market research, financing alternatives, business models, team development, innovation, commercialization, and internationalization of enterprises.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
ADM 105	From Macroeconomics to Personal Brand	3	
INF 110	Computing	2	
CON 120	Accounting for Managers	4	
ADM 201	Business Law	3	
ADM 300	Management Experience	6	ADM 105
ECO 310	Contemporary Economic Issues	3	ADM 105, CON 120
MCO 251	Management Statistics	3	
ADM 475	Innovation and Business Growth	3	

Sustainable Development (BA)

The Sustainable Development Program provides interdisciplinary training and promotes the analysis of local and global problems from different approaches: social, economic, environmental, and cultural. It focuses on exploring development studies from a sustainable perspective, with a systemic approach and with values of solidarity, justice, and peace. The areas of knowledge of the baccalaureate are organized from the four pillars of sustainability: economic, social, environmental, and cultural. The baccalaureate 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 their studies in graduate programs in planning, urbanism, public administration, or environmental management, among others.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
DES 110	Sustainable Development Agenda 2020	2	
DES 111	Pillars of Sustainable Development	4	DES 110
DES 213	Environmental Dimensions of Sustainable Development	2	DES 111
DES 214	Social Development	2	DES 111
DES 215	Economic Development	2	DES 111
DES 216	Culture and Sustainable Development	2	
DES 317	Planning and Monitoring of Indicators	2	
DES 318	Project Evaluation	2	DES 111
DES 419	The Sustainable City I: Smart and Inclusive Cities	3	DES 318
DES 420	The Sustainable City II: Housing, Historical Centers and Public Spaces		DES 318
DES 421	The Sustainable City III: Transportation, Water, Energy and Waste Management	3	DES 419 DES420

Experience Design: Tourism and Events (BA)

The economy of the visitor is presented as a sector in constant growth and with a great diversification. Currently, it represents one of the main sources of income for many destinations and ranks among the most important economic sectors in the world. These variables force to rethink tourism and the areas that are taking prominence within it. Thus, the area of tourist experiences and especially events become 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 (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
EXP100	The Panorama of the Visitor's Economy	3	
EXP150	The Economy of Events and the Experiences	2	
EXP 225	Design and Development of Experiences	3	EXP 150
EXP 275	Image Brand and Destination Management	3	EXP 100

Code	Course Title	Credits	Prerequisites
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

Education (BA)

The Education Program promotes the integral formation 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 promotes the development of agents of social change, sensitive to gender, functional diversity, and racial aspects, reflective, entrepreneurial and inclusive of human diversity, cultural and technological resources, and committed to excellence and ethical practices. In addition, the program complies with the standards inherent to the profession and the certification requirements of the Puerto Rico Department of Education.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
PSI 209	Human Development Psychology	3	
EDU 201	Foundations of Education	3	
EDU 205	Educational Psychology	3	PSI 203, PSI 204 or PSI 209
INF 104	Introduction to Computing/Education Major	3	EDU 201
EDU 226	Principles of Instructional Design	3	EDU 205
HIS 212	Development of Puerto Rican Nation	3	
HIS 339	Culture and Society of United States	3	
EDU 292	Classroom Management	3	EDU 226
EDU 301	Assessment of Learning	3	EDU 226

Code	Course Title	Credits	Prerequisites
EDU 306C	Nature, Needs, and Assistance Technology of the Exceptional Student	3	EDU 301 ⁸
EDU 398 ⁹	Pre-practice Seminary	3	15 concentration credits including methodologies and requirements specific. EMP 312 ¹⁰ .
EDU XXX	Teaching practice. The code will depend on the level: EDU 411 (Elementary 4-6), 410 (Elementary K-3), 412 (Fine Arts K-12) and 408 (Early 0-4).	6	Have passed at least 24 credits in fundamentals of education ¹¹ , at least 18 crd. and EDU 398, with a minimum academic index of 3.0 in general and in the specialty ¹²

Nursing (BSN) - On-Site

Our program prepares nursing professionals to practice their profession effectively and competently with a 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 foundation areas of nursing, medicine and surgery, maternity, pediatrics, mental health and psychiatry, community, leadership, management, and research, among other innovative areas of health care. The physical facilities include a modern simulation and skills lab.

General Requirements (GR):	48
Department Requirements:	12
Concentration Requirements (CR):	<u>64</u>
TOTAL CREDITS:	124

⁸ This course is a minimum requirement for all specialty courses under the license.

⁹ If you choose to be licensed by the PRDE, before taking EDU 398 and the Teaching Practice you must submit the following forms: Certificate of Good Conduct from the Government of Puerto Rico, Certificate of History Verification of Child and Elder Care Providers in Puerto Rico, and Medical Certificate (with tuberculin test). It is recommended to obtain a CPR certificate for the population of 0-9 years old. Pre-practice is a requirement of the Sagrado Education Program.

¹⁰ In the new Education curriculum, pre-practice replaces EMP 411, so it automatically appears that it requires EMP 312.

¹¹ The foundation courses are: PSI 209, EDU 201, EDU 205, EDU 226, EDU 292, INF 104, EDU 306C, EDU 301.

¹² The specialty courses are 7 (21 crd.). Licensing options are Early Childhood Education (0-4), Elementary Education (K-3), Elementary Education (4-6), and Fine Arts Education (Theater, Visual Arts, Dance, and Music; K- 12). These courses must be taken using 7 spaces in their exploration courses.

Code	Course Title	Credits	Prerequisites
General Requirements (RG)			
FEP 100	University Experience Seminar	3	
	Natural Science, Mathematics, Technology	3	You must take BIO 101
	Natural Science, Mathematics, Technology	3	
	Natural Sciences, Mathematics, Technology	3	A course of Statistics is required
	Language	3	According to PAA score. The student must take at least 3 credits in English.
	Language	3	According to PAA score. The 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 (DR)			
BIO 102	Human Biology II	3	BIO 101
QUI 118	General, Organic and Biochemical Chemistry	5	
BIO 204	Introduction to Microbiology	3	BIO 102
BIL 204	Introduction to Microbiology Lab	1	BIO 102
	Total	12	
Concentration Requirements (CR)			
ENF 101	Fundamentals of Nursing	3	
ENL101	Fundamentals of Nursing - Clinical	4	
ENF 206	Physical Assessment	2	P-BIO101, ENF101
ENL 206	Physical Assessment	1	P-BIO101, ENF101
ENF 230	Pathophysiology	3	P-BIO101
ENF 231	Pharmacology	3	P-QUI118
ENF 341	Medicine and Surgical 1	3	P - BIO 101, ENF101, ENL 101

Code	Course Title	Credits	Prerequisites
ENL 341	Medical and Surgical 1- Clinical	4	P-BIO101, ENF 101, ENL 101
ENF 342	Medical and Surgical 2	3	P - ENF 206, ENF230, ENF 231, ENF 341, ENL 341, BIO 204
ENL 342	Medical and Surgical 2 - Clinical	4	P-ENF206, ENF 230, ENF 231, ENF 341, ENL 341
ENF 301	Maternity	3	P-ENF342
ENL 301	Maternity -Clinical	4	P-ENF342, ENL342
ENF 349	Mental Health	3	P-ENF342, PSI201
ENL 349	Mental Health - Clinical	3	P-ENF342, PSI201
ENF 402	Pediatric	3	P-ENF301, ENF 349, ENL 349
ENL 402	Pediatrics - Clinical	4	P-ENF301, ENF 349, ENL 349
ENF 440	Community Health	3	P-ENF301, ENL301
ENL 440	Community Health - Clinical	2	P -ENF 301, ENL 301
ENF 434	Theories and Administrative Practices in Nursing Services	3	P -ENF 402, ENF 440, Statistics Course
ENL 434	Theories and Administrative Practices of Nursing Services - Clinical	3	P-ENF402, ENF 440, Statistics Course
ENF480	Integrated Seminar	3	P-ENF402, ENL 402, ENF 440
*ENF 102	Student and Adaptation in Nursing	(2)	* Substitute or validate ENF 101 is required.
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101: For students who will take the board exam in states or countries that require it.
	Total	64	

Nursing (BSN) - Distance learning/Accelerated

General Requirements (GR):	48
Department Requirements:	12
Concentration Requirements (CR):	<u>64</u>
TOTAL CREDITS:	124

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
General Requirements (RG)			
FEP 100	University Experience Seminar 3	3	
	Natural Science, Mathematics, Technology	3	You must take BIO 101
	Natural Science, Mathematics, Technology	3	

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
	Natural Sciences, Mathematics, Technology	3	A Statistics course is required
	Language	3	According to CEEB score. The student must take at least 3 credits in English.
	Language	3	According to CEEB score. The student must take at least 3 credits in Spanish.
	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 (DR)			
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	
Concentration Requirements (CR)			
ENF 101	Fundamentals of Nursing	3	P-QUI118, BIO102 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
ENF 206	Physical Assessment	2	P - QUI 118, BIO 102, ENF 101 or 102, ENF 231
ENL 206	Physical Assessment	1	P - BIO 102, ENF 101, ENF 231, ENF 206C - ENF 231T, ENF 101T, ENL 101
ENF 230	Pathophysiology	3	P - QUI 118, BIO 102, ENF 101 or 102, ENF 101T, ENL 101, ENF 206, ENL 206, ENF 231, ENF 231T C - ENF341

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
ENF 231	Pharmacology	3	P - QUI 118, BIO 102 C - ENF 101 or 102
ENF 341	Medical and Surgical 1	3	P - QUI 118, BIO 102, ENF 101 or 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206 C - ENF 230
ENL 341	Medical and Surgical 1 - Clinical	4	P - QUI 118, BIO 102, ENF 101 or 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	Medical and Surgical 2	3	P - QUI 118, BIO 102, ENF 101 or 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341
ENL 342	Medical and Surgical 2 - Clinical	4	P - QUI 118, BIO 102, ENF 101 or 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 or 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 or 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 or 102, ENF 101T, ENL 101, ENF 231, ENF

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
			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 or 102, ENF 101T, ENL 101, ENF 231, 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 or 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 or 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T LN 341, LN 342, LN 342T, LN 342, LN 301, LN 301T, LN 349, LN 402, LN 402T C - LN 301T, LN 301, LN 349, LN 402T
ENF 440	Community Health	3	P - QUI 118, BIO 102, ENF 101 or 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 or 102, ENF 101T, ENL 101, ENF 231, ENF

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
			231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T LN 341, LN 342, LN 342T, LN 342, LN 301, LN 301T, LN 301, LN 349, LN 349, LN 402, LN 402T, LN 402, LN 440, LN 434 C - ENL 434, ENF 480
ENF 434	Theories and Administrative Practices of Nursing Services	3	P - QUI 118, BIO 102, ENF 101 or 102, ENF 101T, ENL 101, ENF 231, ENF 231T, ENF 206, ENL 206, ENF 230, ENF 341, ENF 341T LN 341, LN 342, LN 342T, LN 342, LN 301, LN 301T, LN 301, LN 349, LN 349, LN 402, LN 402T, LN 402, LN 440, MCO 250
ENL 434	Theories and Administrative Practices of Nursing Services - Clinical	3	P - QUI 118, BIO 102, ENF 101 or 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, ENF 434 C - ENL 440, ENF 480
ENF 480	Integrated Seminar	3	P - QUI 118, BIO 102, ENF 101 or 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 - EN 440, EN 434
**ENF 118	Nutritional Implications in Nursing	(3)	**ENF 101: For students who will take the board

Codes	Course Title	Credits	Prerequisites (P) Corequisites (C)
			exam in states or countries that require it.
	Total	64	

International Studies and Global Communication (BA)

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

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
EIN 110	Introduction and Theories of International Relations and Globalization	3	--
EIN 205	Introduction and Theory of Global Communication	3	EIN 110
EIN 210	Science, Technology, and International Relationships	3	EIN 110
EIN 215	Global Political Economy	3	EIN 110
DES110	Sustainable Development and Agenda 2030	2	--
EIN 300	Public Policies and Information Technologies	3	EIN 210
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 the opportunity to the student 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 by combining fields of knowledge that other high schools cannot provide. The students combine the disciplines through an exercise of co-creation.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

Note: Courses are selected following the General Guide for the BA in Multidisciplinary Studies. This document should be requested from the Interdisciplinary Faculty of Humanistic and Social Studies.

Photography (BAC)

The Photography Program focuses on developing image professionals to be creative, innovative, and committed through a curriculum that expands the conceptualization of a visual narrative. The aim is for them to integrate aesthetic design and communicative expression into their products, culminating in the development of their own style that meets the demands and requirements of the contemporary world.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
FOT 110	Past and Present of the Image	3	--
FOT 115	Negative, Printing 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 Imaging	3	FOT 210
FOT 315	Contemporary Documentalist	3	FOT 215
FOT 320	Creative Portrait	3	--
FOT 410	Documentary Filmmaking with Moving Images	3	FOT 315
FOT 420	Commercial Image Creation	3	FOT 320

Business Management (BBA)

The Bachelor of Business Administration in Business Management trains students to analyze the different administrative elements at an interdisciplinary level to achieve professional success by mastering new organizational requirements. The student will select from a menu, the courses that respond to a wide training that meets their expectations and needs in the various disciplines that make up business administration in general.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	39
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
GME101	Principles of Marketing	3	
INF 110	Computing	2	
CON 120	Accounting for Managers	4	
ADM102	Organizational Dynamics	3	
ADM201	Commercial Law	3	
ECO 310	Contemporary Economic Issues	3	ADM 105, CON 120
MCO 251	Management Statistics	3	
FIN 305	Managerial Finance	3	CON 120
XXX	Business course (menu options)	3	
XXX	Business course (menu options)	3	
XXX	Business course (menu options)	3	
XXX	Business course (menu options)	3	
XXX	Business course (menu options)	3	

Marketing (BBA)

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

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	39
Exploration (EX):	<u>15</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
GME 101	Principles of Marketing	3	
INF 110	Computing	2	
CON 120	Accounting for Managers	4	
ADM 102	Organizational Dynamics	3	
ADM 201	Business Law	3	
ECO 310	Contemporary Economic Issues	3	ADM 105, CON 120
MCO 251	Management Statistics	3	
FIN 305	Managerial Finance	3	CON 120
GME 202	Consumer Behavior	3	GME 101
GME 400	Strategic Marketing	3	GME 202
GME 410	Marketing and Export Services	3	GME 202
GME 411	Marketing Analytics	3	GME 400
GME 420	Marketing Management	3	GME 400

Music (BA)

The Music Program fosters the development of the creative role of the musical arts in students and fosters the skills necessary for insertion in creative industries and related fields. The student is prepared with high levels of knowledge in line with the development of their musical skills and abilities. In addition, students develop critical and analytical skills so that they can reflect on their artistic offerings and acquire the ability to contextualize their practice within a socio-cultural framework of history and entrepreneurship, among other aspects.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	36
Exploration (EX)	<u>18</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
MUS 103	Musical Ensemble I	1	
MUS 105	Forum Performance I	1	
MUS 110	Forum Performance II	1	Mus 105
MUS 131	Rudiments of Music	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 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 310	Forum Performance V	2	MUS 243
MUS 341	Theory and Analysis of Music III	3	MUS 242
MUS 251	History Music from Ancient to the Baroque	3	
MUS 322	Performance Class and Forum IV	3	MUS 310
MUS 405	Music History from Classic to Modern	3	MUS 251

Journalism (BAC)

The Journalism Program is aimed at developing the skills to recognize a newsworthy event, investigate, contextualize, question, understand, and manage journalistic genres. The program explores the legal and ethical aspects of journalistic activity and the investigative techniques for carrying out various forms of reporting, as well as the design, visualization, and programming of news content. The student is trained in the skills to analyze, understand, and evaluate cultural and technological trends and bring about changes in narrative models, formats and coverage of issues in various journalistic content platforms.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
PER 110	Reporting from Puerto Rico	3	--
PER 111	Reporting in Words	3	PER 110
PER 210	Multimedia	3	PER 111
PER 220	Data Journalism	3	PER 210
PER 310	Mobile Journalism and Social Media	3	PER 220
PER 223	Narrative Journalism	3	PER 220
PER 315	Information Portals, Editorial Design and Data Visualization	3	PER 310
PER 410	Research Journalism	4	PER 315
PER 415	Genres Opinion	2	PER 410

Audiovisual and Film Production (BAC)

This program prepares the student to enter the working world 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 needed for the various media, platforms, and digital screens (long, short or micro audiovisual content, documentary, fiction, advertising or corporate and unit or series). It covers the study of the evolution of the audiovisual language from the fixed image and the analogous sound that give rise to the development of the image in movement and its synchronization with the sound generated by computers. The knowledge is acquired for the writing of scripts, a necessary tool to tell stories and design and undertake your own project.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION 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	Art and Technical Edition	3	--
PAV 321	Creative Approach of Reality	4	PAV 320

Code	Course Title	Credits	Prerequisites
PAV 420	Script Development	3	PAV 321
PAV 421	Contemporary Visual Culture	3	--

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 Program's curriculum offers experiences that stimulate the integration of knowledge to promote and maintain subjective well-being whether in the individual, group, community or collective sphere.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
PSI 201	General Psychology I	3	
PSI 209	Human Developmental Psychology	3	PSI 201
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 413
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, the properties, and the transformations of the matter with emphasis in the solution of problems in different areas of the discipline, like the environmental area, the biochemistry or the sustainability of the water. It seeks to develop in the student body the skills and competencies ranging from the highly analytical to the visionary and creative through laboratory and field experiences. In addition, the program provides the student with the requirements to apply to the License required to practice in the field of chemistry in Puerto Rico.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	43
Exploration (EX):	<u>16</u>
TOTAL CREDITS:	125

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
MAT133	Precalculus I	3	
QUI 101	General Chemistry I	4	
QUI 102	General chemistry II	4	QUI 101
MAT134	Precalculus II	3	MAT 133
QUI 205	Analytical Chemistry: Quantitative Analysis	4	QUI 102
MAT 201	Calculus I	5	MAT 134
QUI 301	Organic Chemistry I	4	QUI 102
FIS 203	General Physics I	4	MAT 201
QUI 302	Organic Chemistry II	4	QUI 301
QUI 401	Physical Chemistry I	4	QUI 202 and FIS 203
QUI 402	Physical Chemistry II	4	QUI 401

Theater (BA)

The Theater Program promotes student training 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 new), 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, as well as encourage the development of their creative capacity and social commitment.

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	36
Exploration (EX):	<u>18</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
TEA 111	Acting 1	3	
TEA 121	Theater History I	2	
TEA 120	Acting II	2	TEA 111
TEA 122	Theater History II	2	TEA 121
TEA 210	Physic Expression	2	TEA 111
TEA 215	Theater Diction	2	
TEA 230	Production Workshop I	2	TEA 120
TEA 391	Production Workshop II	3	TEA 230
TEA 325	Theory and Theater Critique	3	
TEA 330	Improvisation and Theater Games	3	
TEA 410	Dramaturgy Workshop	2	
TEA 420	Puerto Rican Theatre	2	
TEA425	Scenic Direction	2	TEA 120 TEA 215 TEA 210

Social Work (BA)

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

General Requirements (GR):	39
Institutional Requirements (IR):	27
Concentration Requirements (CR):	27
Exploration (EX):	<u>27</u>
TOTAL CREDITS:	120

CONCENTRATION COURSES

Code	Course Title	Credits	Prerequisites
TSO 210	The Profession of Social Work: Duties and Dilemmas	3	
TSO 317	Social Welfare System and Social Policy	3	
TSO 305	Human Behavior and Social Environment I	3	
TSO 306	Human Behavior and Social Environment II	3	TSO 305
TSO 301	Method in Social Work I	3	TSO 306

Code	Course Title	Credits	Prerequisites
TSO 312	Social Work with Groups, Communities and Organizations	3	TSO 305
TSO 402	Method in Social Work II	3	TSO 301
TSO 400	Social Work Practicum I	3	TSO 302
TSO 403	Social Work Practicum II	3	TSO 400

POST-BACCALAUREATE CERTIFICATES

Event Production and Marketing

The Post-Baccalaureate 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 activities. The student will develop skills for the creation of ideas, budgeting, financing, and promotional strategies, as well as technical and legal aspects, among other components that promote new trends and the effective use of resources in the industry.

Code	Course Title	Credits	Prerequisites
PME 600	Special Events Business	3	
GME611	Marketing Management	3	
PME 601	Laws and Ethical Aspects of the Special Events Industry	3	
GME614 or GME620	Global Marketing or E-Marketing	3	
PME 618	Special Events Management	3	
PME 610 or RPU 603	Public Relations in Special Events and Entertainment Industry or Trends in Public Relations	3	
	TOTAL	18	

MASTER'S PROGRAMS

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

Family Businesses (MBA)

The Master of Business Administration in Family Business Program is proposed as the preferred option for the formation and creation of a solid network community of members of the new generation of successors in the leadership of the most prestigious

family businesses in Puerto Rico and the region. The Master's Program is aimed at professionals who work in family businesses, who are interested in in developing in this area or those looking to create new family businesses.

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

Creative Writing (MA)

Sagrado has been a pioneer in Puerto Rico and the Caribbean in offering graduate studies in creative writing. The Master of Arts Program 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 supported by the Web 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 611	Narrative Workshop	3	
ECT 612	Poetry Workshop	3	
ECT 625	Grammar and Writing	1	
ECT 630	Editorial Entrepreneurship and Management	3	
ECT 700	Think & Validate: Master's Project	1	
ECT 705	Development: Master's Project	1	
ECT 710	Tradition and Innovation: Great Literary Works	3	
ECT 715	Integrative Workshop: Creative Explorations	3	
ECT 720	Final Step: Master's Project	1	ECT 700

Code	Course Title	Credits	Prerequisites
ECT 725	Execution: Creative Project	2	ECT 705
Elective Courses*			
ECT 620	Advanced Narrative Workshop	3	ECT 611
ECT 621	Advanced Poetry Workshop	3	ECT 612

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

Digital Marketing (MS)

The Master of Science in Digital Marketing program is aimed at professionals who wish to develop their expertise in the management of marketing and advertising campaigns on social networks and other digital promotion mechanisms. The master's 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*, email, 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	Course Title	Credits	Prerequisites
MMD 610	Digital Marketing and New Technologies	3	
MMD 620	Content Strategies for Digital Marketing	3	corequisite MMD 610
MMD 630	Social Media Management	3	corequisite MMD 610
MMD 640	Digital Media Branding and Public Relations	3	MMD 610
MMD 650	Online Research: Techniques and Tools	3	MMD 610
MMD 660	Effective Communication and Writing in Digital Media	3	MMD 610
MMD 710	Evaluation Digital Media Campaign	3	MMD 610
MMD 720	Ethics and Legal Aspects in Digital Media	3	MMD 610
MMD 730	Digital Marketing Campaign Execution (<i>Capstone</i>)	3	MMD 610
	Total credits	27	

Digital Narratives (MAC)

This program is for people interested in the field of communication and marketing. It prepares the student to undertake digital storytelling projects in a hyper-connected and interactive user environment in various media and multiple platforms. The curriculum develops skills to conceive, create and manage digital content projects from

writing for digital media, research to disseminating and promoting interactivity. In addition, it prepares a communicator with the knowledge of the communication paradigms in a converging digital environment.

Specialty Requirements (RE): 15
 Core Courses (CM): 9
 TOTAL: 24

Code	Course Title	Credits	Prerequisites
NRD 715	Narrative Structures	4	N/A
NRD 720	Creativity and Platforms	4	N/A
NRD 725	Audiences and Interactive Designs	4	N/A
NRD 730	Entrepreneurship	3	N/A

Public Relations and Integrated Communication (MA)

This program is aimed at the student of Communication, Marketing, Advertising or Journalism as well as anyone who seeks to reinvent themselves in an essential profession in the business world. It prepares the student with an entrepreneurial mindset to solve communication problems in the global, interconnected, diverse and changing environment of organizations. The curriculum develops skills to assume leadership in holistic communication, multi-platform content production, research, legal issues and ethical dilemmas, issue, crisis, and reputation management, as well as the strategic approach interdisciplinary 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): 15
 Elective (EL): 9
 TOTAL: 24

Code	Course Title	Credits	Prerequisites
RPI 610	Public Relations Writing	3	N/A
RPI 639	Strategic Business Management	3	N/A
RPI 710	Content Strategies and Branding	3	N/A
RPI 715	Research, Metrics and Evaluation	3	N/A
RPI 720	Legal and Ethical Dilemmas in Integrated Communication	3	N/A
RPI 725	Integrated Communication in Issue, Crisis and Reputation Management	3	N/A
RPI 740	Public Relations and Integrated Communication Plan	3	N/A

COURSE DESCRIPTIONS

Description of courses listed in the programs included in this catalog. You can also access the description of these, 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

This course seeks to get the student to learn and apply the foundations of imagination, creativity, and sustainable ideation to develop an entrepreneurial mentality and its importance through all disciplines and professions. As an initial phase, the student carries out immersion in his/her area of study, which allows him/her to identify areas of opportunity. After getting to know entrepreneurship as a process, this experience emphasizes the ideation component, addresses methodologies and tools for design thinking, idea generation, and real problems in the environment. The student elaborates the idea and conceptualization of an entrepreneurship project from his area of study. This course has the support and coordination of the Center for Collaborative Innovation-Neeuko. 3 hours per week, 1 semester, 3 credits.

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

This course seeks that the student knows the necessary tools to investigate, prototype, and validate their idea of entrepreneurship, whether it is a self-validation or a validation from the audience. In this stage, the student establishes his hypothesis and objectives around the venture and identifies the most effective methodologies for its validation. The student performs a context analysis to understand previous works and trends that include qualitative and quantitative approaches that lead him to confirm the project's viability. As part of the experience, the student designs a prototype of his or her venture and conducts an internship 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 hours per week, 1 semester, 3 credits.

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

This course seeks that the student knows the necessary tools to create a development plan for their entrepreneurship project. During this stage, the student reflects on aspects of public policy to improve his/her sector (ecosystem) conditions based on the challenges he/she has faced in the process. Likewise, it designs the logical model of its proposal, develops the planning skills, and identifies all the necessary resources for its execution, including financial aspects, communication, legal operations on the project management. It also has the responsibility to determine the best strategies to communicate your venture to potential partners. In this course, you will have an internship through a related project within the University or through external collaborations. This course has the support and coordination of the Collaborative Innovation Center -NEEUKO. 3 hours per week, 1 semester, 3 credits.

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

This course seeks to have the student apply the knowledge and skills related to entrepreneurship project development planning from his/her discipline of study. The student plans aspects related to the work schedule, budget, human resources, and other resources necessary for its effective implementation. The entrepreneurship project is adapted to the requirements of proposals for its area of study. In the end, the student presents a development plan for his venture. This course has the support and coordination of the Center for Collaborative Innovation - NEEUKO. 3 hours per week, 1 semester, 3 credits.

EMP 411 - Entrepreneurship Project: Execution Phase I (Prerequisite: EMP 311)

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 idea. At this stage, the student has identified the resources, anticipated challenges, and planned the activities' sequence to lead to the final result. This component includes the development of impact indicators. The student must present the materialized project before the end of the academic year to the type of audience they identified as the interest group. Finally, the course includes reflection and professional planning based on the entrepreneurship project to expand their opportunities after completing their academic program. The course includes a mentoring experience with a first-year student. 3 hours per week, 1 semester, 3 credits.

EMP 413 - Entrepreneurship Project: Execution Phase II (Prerequisite: EMP 411)

This is the second part of a two-course sequence. The fourth and final phase of the entrepreneurship project consists of the execution of the idea. At this stage, the student has identified the resources, anticipated challenges, and planned the activities' sequence to lead to the result. This component includes the development of impact indicators. The student must present the materialized project before the end of the academic year to the type of audience they identified as the interest group. Finally, the course includes reflection and professional planning based on the entrepreneurship project to expand their opportunities after completing their academic program. The course includes a mentoring experience with a first-year student. 6 hours per week, 1 semester, 6 credits.

GCC 101 - Development and Echoes of the Origin of Humanity

Critical thinking is stimulated by studying the origin and development of human beings up to the 16th century, emphasizing the bioanthropological perspective and the economic, social, and cultural implications of this period. It is integrated into the historical and political discussion, the dialogue with literary, plastic, and musical representative works. 3 hours per week, 1 semester, 3 credits.

GCC 201 - Building an Ideal Society (Prerequisite: GCC 101)

Study of how different models of societies have emerged and developed in the world: imaginaries of the ideal society, religious crises, the Reform and Counter-Reformation, 18th-century revolutions, the concept of political independence and its effect on Puerto Rico, and the revolutions, dictatorships, and search for peace in Latin America in the

20th century. It examines the historical context and the various social effects of these models today and their literary, plastic, or musical references and representations. 3 hours per week, 1 semester, 3 credits.

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

The origin and consequences of the main social, economic, political, and environmental challenges of Humanity in the 20th and 21st centuries are studied. It emphasizes the search for solutions from a humanistic vision anchored in achieving a society of justice and peace. 3 hours per week, 1 semester, 3 credits.

GCM 101 - The text in contemporary culture

This course explores text's communicative functions as an intellectual, social, artistic, and political manifestation. Through the critical analysis of essays, stories, poems, and audiovisual products that present contemporary themes from diverse styles, the student investigates the effectiveness of his/her own oral and written communication in formal and informal registers. This seminar is supported by the Language Lab. 3 hours per week, 1 semester, 3 credits.

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

This course aims to cultivate in students a better understanding of their perceptions and their role in constructing new particular and collective realities through different forms of representations. This seminar promotes the interaction with scientific, philosophical, and creative texts and active interpretation exercises through oral and written communication. The Language Laboratory supports this seminar. 3 hours weekly, 1 semester, 3 credits.

GIE 101 - Organizations, work, and post-work

Beginning with the importance of understanding the economic and social context as a basis for the formulation of solutions to the challenges posed by the objectives of sustainable development (ODS) of the United Nations (UN), the student will explore how organizations are transformed to meet these challenges based on their primary functions: planning, organization, direction, and control. Different aspects of organizations as instruments of social, political, economic, and/or environmental transformation are discussed. 3 hours per week, 1 semester, 3 credits.

GIV 201 - Information and communication technologies (ICT) for research in the post-truth era

This course explores the concept of a research problem and the different types of problems. It emphasizes the use of ordered sequential and logical strategies to identify, collect, and discriminate data to obtain reliable results. The use of computer resources and the adequate management of databases is integrated. In the end, each student elaborates his/her research question along with a review of annotated literature. This course is linked to the Language Center. 3 hours per week, 1 semester, 3 credits.

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

This course seeks to provide students with an in-depth understanding of various research methodologies through quantitative, qualitative, mixed, and project development designs. The concepts of variables, hypothesis, sample, and sampling are explored as well as the main techniques of data collection. Each student selects a methodology to answer his/her research question or project purpose. This course has one hour per week of lab time in the Language Center. 3 hours per week, 1 semester, 3 credits.

GIV 302 - Data Management (Prerequisite: GIV 301)

This last course of the research series allows the student to use the research designs to deepen the various data and information analysis techniques. It establishes the difference between the concepts of information and data and practices the latter's collection and coding (coding). The integration of digital technology is promoted to process the collected data and make the own procedures to reach valid conclusions. Depending on the research question, the statistical treatment or qualitative analysis to which the data or information generated will be submitted is determined. The data processing includes its evaluation and the recognition of the best ways to visualize it. Through visualization, a way of presenting the explanations of the research question is proposed. This seminar is linked to the Language Lab. 3 hours per week, 1 semester, 3 credits.

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

The difficulties of defining and implementing peace and social justice are addressed. The course will provide knowledge and interdisciplinary dialogues to promote ethical deliberation and critical analysis of certain groups of people's living conditions within a complex socio-economic and political context at the global and national levels. Also, it will provide the student with the first approach to diversity and human rights as essential foundations for the achievement of social justice and peace. 3 hours per week, 1 semester, 3 credits.

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

This course will deepen the difficulties of defining and implementing peace and social justice. The topics of ecology, ethics, and social responsibility are addressed interdisciplinarily, considering human diversity and its implications from social categories' intersectionality. It concludes with a discussion and reflection on the importance of the current and future preservation of human rights through actions necessary to advance a project of social justice and peace. 3 hours per week, 1 semester, 3 credits.

LID 101 - Self Leadership I

Course of an interdisciplinary nature that is designed to accompany the student who begins university life to take advantage, enjoy, and manage adequately the different experiences, tasks, and challenges that the academic world presents. Diverse educational experiences are provided that promote students to explore and reinforce their self-knowledge, deepen in the adequate management of emotions and healthy

interpersonal relationships, develop empathic and non-violent communication, and promote the care of their health and well-being. Likewise, the course emphasizes the development of self-leadership and academic skills for university life, familiarization with institutional projects, services, principles and policies, exploration of technological tools for learning and effective communication, and professional development initiation. The experience includes specific workshops on various topics. 3 hours per week, 1 semester, 3 credits.

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

A course of an interdisciplinary nature designed to support the continuity of the student's education on his/her path to personal and professional development. Diverse educational experiences are provided that promote in students the strengthening of their self-knowledge as well as attention to specific academic skills. Short workshops will strengthen these skills. Besides, the course emphasizes leadership development, familiarity with institutional projects, services, principles and policies, and exploration of technological tools for learning and effective communication. Please refer to the institutional policy on micro-credentials for the distribution of contact hours (15).

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

A course of an interdisciplinary nature designed to support the student in his or her final stage of vocational training at the selected high school. Diverse educational experiences are provided aimed at consolidating professional skills. In addition, it seeks to round out their knowledge in areas of self-knowledge, appropriate management of emotions, and healthy interpersonal relationships. These experiences accentuate the support for the successful completion of their high school, the integration of professional, research, and entrepreneurial knowledge and skills, as well as the continuing education route that the student desires to strengthen learning throughout their lives. 2 hours per week, 1 semester, 2 credits.

TEO 401 - Community, Solidarity, Justice, and Peace (Prerequisite: GSE 302)

To reflect critically in the light of Christian values on the major ethical themes of the GSE 301 and GSE 302 courses, namely the ethical-social experience in general and political, economic, ecological, and cultural ethics. The exercise of analyzing the knowledge acquired on the foundation and practices of social ethics is carried out from the Catholic Church's Social Doctrine. The student is 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 hours per week, 1 semester, 3 credits.

Undergraduate Concentration or Exploration Courses

ADM 102 - Organizational Dynamics

Introduction to business financial management, with emphasis on the corporation. Study of the theoretical aspects of financial markets, their instruments, intermediaries and institutions. Financial asset valuation models are discussed as well as interest and returns. The most common financial policies in investment and business financing are

analyzed. Discussion of typical problems in the administration of the organization's funds. 3 hours per week, 1 semester, 3 credits.

ADM 105 - Macroeconomics to Personal Branding

Discussion of macroeconomic factors leading to an understanding of the current economic situation through discussion of key macroeconomic indicators. On this basis, we reflect on the economic condition of Puerto Rico and investigate alternatives for the future. Students are accompanied in the development of a personal brand and strategies for their professional development and digital presence. Finally, tools for managing personal finances, financial planning, and individual budgeting are presented for analysis in the immediate economic situation. The methodology of learning guides the course based on projects, problems, and challenges. This course is a requirement of the Business Development Program. 3 hours per week, 1 semester, 3 credits.

ADM 201 - Business Law I

Study of the fundamentals and general concepts of commercial law necessary to perform in business administration based on the constitutional foundations of our system. Emphasis is placed on provisions relating to obligations and contracts. Commercial law is studied as a branch of law that covers explicitly commercial activities and the obligations arising from those activities. Reference is made to the legislation and jurisprudence of Puerto Rico. 3 hours per week, 1 semester, 3 credits.

ADM 300 - Management Experience (Prerequisite: ADM 105)

This experience exposes the student to the management process in an integrated manner. The management 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 teamwork. Emphasis is placed on the role of each component and its integration as a management process. The course is offered through team teaching on market research, strategy, tactical planning, financial markets, financial analysis, the business leader's role, and project management as a management tool. 6 hours per week, 1 semester, 6 credits.

ADM 475 - Innovation and Business Growth

The study, analysis, and application of practices used to identify and develop growth opportunities in start-up companies. This course highlights the stages of growth of a company, the challenges and opportunities that accompany each of these phases, and the most successful strategies applied by local and international companies to capitalize on various expansion and growth opportunities. The advanced course examines the management challenges related to leadership, strategy and market positioning, organizational design, and geographic expansion. 3 hours per week, 1 semester, 3 credits.

ADT 101 - Manipulation and Editing of Digital Image

This course serves as a basis for familiarizing students with the concepts and techniques necessary for the generation, manipulation, and animation of digital graphics. Combining a historical background with guided exercises, the student will be exposed

to the typical nomenclature of the industry, and to understand in a fundamental way basic, but necessary, processes to move towards a formation in the areas of digital art, and animated production. The course covers 3 fundamental parts: introduction to the digital image, image manipulation, and edition, and experimental animation. This course has the support and coordination of the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 3 credits.

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

The 3D Modeling and Animation course seeks to train the student in the advanced techniques of creating shapes and objects in three-dimensional space and giving movement to these shapes through digital animation techniques. One of the objectives of this course is to introduce the study of the structure of geometric shapes, the use of perspective, the mastery of scale, and a technical eye for three-dimensional animation. Also, the fundamental processes of applying texture, manipulating the environment in scene lighting, using the camera, and the animation of solid and organic objects are covered. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 3 credits.

ADT 210 - Pre-Production, Visual and Animation

The pre-production, pre-visualization and animation course prepares the student to plan a specific audiovisual production for 3D animation. Traditional techniques such as storyboarding become the process of animation. Animation is a dynamic process that combines the directions of a script with the audio of the production resulting in a visual narrative, which guides the final production of animated work. The course offers you the opportunity to develop a concept of animation integrating classic cinema techniques and using the technological advances available in digital animation production. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 4 credits

ADT 220 - Character Design and Animation (Prerequisites: ADT 201, ADT 210)

This course internalizes the existing techniques for the development of a three-dimensional (3D) character. From its artistic conceptualization to its development, the student completes all the necessary stages to create a character ready to be animated. As a goal, the student should show mastery of 3D organic modeling techniques, body and facial deformations, skeletal creation, and advanced texturing. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 3 credits. 3 hours per week, 1 semester, 3 credits.

ADT 310 - Advanced Texturing, Illumination and Composition (Prerequisites: ADT 201, ADT 210)

Building on the foundations of introductory courses, this course goes into the details of creating Materials, and Textures, combined with the Lighting Techniques of three-dimensional scenes. These are fundamental processes to highlight the artistic direction of a 3D animation. As a goal, the student must demonstrate mastery of advanced texturing, lighting, and compositing techniques for 3D sequences. Texture creation techniques such as UV Mapping, Vertex Mapping, Normal Mapping, Planar Mapping,

Cylindrical Mapping, Spherical Mapping, and 3D Painting are studied. Rendering techniques are also explored to achieve variety in visual styles. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 3 credits

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

In the special project in animation, groups of students present proposals for the development of an animated short film to be produced in the Sagrado StudioLab. These proposals are evaluated by the faculty of the Sagrado StudioLab, from which one or more productions to be made are selected. Each student is assigned a typical role in production and is responsible for executing his or her tasks in it. The production must be completed by a predetermined date to be presented to a group of teachers and guests from the media industry. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 4 credits.

ADT 425 - Special Effects and Image Composition (Prerequisites: ADT 220, ADT 310)

This course explores the techniques needed to make special effects that combine video (live-action video) with a 3D image (Computer Generated Imagery). The foundation of these techniques is to achieve visual coherence with manipulating color, lighting, and perspective. Through experimentation with motion tracking, 3D rendering, image compositing, chroma-keying, and colorization technologies, among others, the student completes works giving them a credible artistic quality to the audience. This course is supported and coordinated by the Studio of Creative Technologies (StudioLAB). 3 hours per week, 1 semester, 3 credits.

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

The course expands the knowledge of animation techniques learned in the courses ADT 301 and ADT 310. It introduces cutting-edge technologies such as motion capture and real-time animation, fundamental techniques for interactive development, character animation, and virtual reality (VR). The course pays special attention to motion editing and the use of non-linear animation for the creation of cycles, transitions, and combined movements, among other advanced production editing techniques. 3 hours per week, 1 semester, 4 credits.

ALE 101 - Elementary German I

The Elementary German I course is an introductory course for students with no previous knowledge of the language. It is aimed at learning the German language through four skills: oral comprehension, written comprehension (reading), oral expression and written expression, that is, through the development of basic language skills. It is taught from the beginning in German to emphasize the conversational aspect. This course involves a laboratory. 3 hours per week, 1 hour of lab per week, 1 semester, 3 credits. to English

ART 111 - Theory and History of Art

This course promotes theoretical reflection around art as an indispensable element for creation. It presents a historical journey on 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 Sustainable Development Goals are also explored. 3 hours per week, 1 semester, 3 credits.

ART 116 - Language and Visual Thinking

Workshop in which the fundamentals of visual communication and expressive design resources are studied using manual and digital procedures. New students are introduced to understanding and solving problems in the visual and functional field of art, providing key tools to develop creativity and conceptualize artistic proposals. This course entails a fee for the art materials. 3 hours per week, 1 semester, 3 credits.

ART 125 - Fundamentals of Drawing

Introductory workshop in which you experiment and explore with various means, work surfaces as well as with the multiple ways in which the drawing can be approached. Through creative practice, technique and visual vocabulary are studied, taking as reference traditional issues, such as still life, landscape, and human figure. The course encourages free interpretation, subjective character, and personal expression of the student. This course entails a fee for the art materials. 3 hours per week, 1 semester, 3 credits.

ART 215 - Bidimensional Creation (Prerequisites: ART 116 and ART 125)

Introductory workshop to the principles and foundations of two-dimensional visual creation, its means, techniques, methods, tools, and theoretical foundations that govern traditional, contemporary and current artistic production. The creative process is emphasized, from the idea to the design and its elaboration. The understanding and use of artistic vocabulary are reinforced with sessions where the student discusses their projects constructively with the rest of the student group and the professor. This course entails a fee for the art materials. 3 hours per week, 1 semester, 3 credits.

ART 220 - Digital media (Prerequisites: ART 116 and ART 125)

Experimental workshop and laboratory focused on theoretical and practical aspects of digital media in art and design. 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 of personal expression is stimulated. Through individual and / or collaborative projects of progressive complexity, students develop personal language and expression and communication skills in digital media applicable to other fields of visual expression. This course entails a fee for the use of computer lab. 3 hours per week, 1 semester, 3 credits

ART 230 - Tridimensional 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 reach based on the formal budgets of sculpture. The course introduces the student to basic knowledge of the means, techniques and materials of object sculpture and visual vocabulary within the field of traditional, contemporary, and contemporary aesthetic

thinking. With socialized discussion of content, audiovisual material and individual and collaborative projects, students become aware of the artistic production process, its possible expansion into other disciplines and enhance innovation as an artistic value. This course entails a fee for art materials. 3 hours per week, 1 semester, 3 credits.

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

This theoretical course delves into the visual narratives of popular culture, underground culture and urban culture, and its insight into the prestigious world of art and the aesthetic imaginary of recent generations. Explore 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 to new meanings from their broad multi-referential and inclusive perspective. 3 hours per week, 1 semester, 3 credits.

ART 315 - Product Design (Prerequisite: ART 116, ART 125, and ART 230)

Workshop course focused on visual expressions that involve products of use such as shoes, t-shirts, backpacks to transform them from two points of view: that of aestheticization (which does not alter its usefulness) and the one that alters its usefulness to turn it into an artistic object. This course entails a fee for art materials. 3 hours per week, 1 semester, 3 credits.

ART 320 - Graphic Processes (Prerequisite: ART 116 and 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, screen printing, relief, and intaglio. The course stimulates the creative integration of digital media, the manipulation of graphic images and interdisciplinary experimentation. This experience covers the methods of stamping on traditional media and other media such as textiles and three-dimensional ones. This course entails a fee for the use of computer lab. 3 hours per week, 1 semester, 3 credits.

ART 410 - Public Art (Prerequisites: ART 116, ART 125, and 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 completion of a project. This course entails a fee for art materials. 3 hours per week, 1 semester, 3 credits.

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

This theoretical course explores the circuit of production, dissemination, 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 a celebrity and the new cultural forms, the

political-art relationship, the cultural levels, the Sociology, and aesthetic taste. The content offers the student theoretical foundations that help him understand how the multidimensional world of art operates and enable him to continue future studies in other relevant branches. 3 hours per week, 1 semester, 3 credits.

ART 485 - Interdisciplinary Practice (Prerequisite: all concentration credits)

This experimental practice course integrates two-dimensional and three-dimensional spatial concepts of interchangeable aesthetics useful for the formation of a personal artistic vision. It offers an open experience where expressive freedom together with the knowledge acquired in previous courses provide the student with an extensive menu for the formation of their personal identity as a producer of quality aesthetic values according to their interests, knowledge, and strengths. Last year students integrated 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 teacher who assists in identifying and reinforcing their skills. 3 hours per week, 1 semester, 3 credits.

BIO 101 - Human Biology I

Introduction to Human Anatomy and Physiology is a theoretical and practical course that emphasizes the structure and functioning of the organs and systems of the human body. The course is intended for undergraduate students in nursing, exercise science, and psychology. In addition, students from graduate programs who are required to have this knowledge, as is the case for physical therapy and speech pathology programs. It presents the model of the levels of organization, and from this, ventures into the study of the cell, fundamental tissues, skin, immune, circulatory, respiratory, nervous (including special senses) and endocrine systems. The importance of knowing them is demonstrated by their usefulness in the clinic and in daily life through the use of images, interactive models and case management. 3 hours per week, 1 semester, 3 credits.

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

This course is a continuation of the study of the body systems (BIO 101). Human Biology II is a theoretical and practical course that emphasizes the structure and functioning of the organs and systems of the human body. Here the skeletal, muscular, digestive, urinary, and reproductive systems are studied. The latter includes fundamentals of embryology, pregnancy, childbirth, and lactation. In addition, the fundamentals of nutrition and stress as an adaptive response are studied. The importance of knowing them is demonstrated by their usefulness in the clinic and in daily life through the use of images, interactive models and case management. The course is aimed at undergraduate students in nursing, exercise science and psychology. In addition, students in graduate programs who are required to have this knowledge, as is the case for physical therapy and speech pathology programs. 3 hours per week, 1 semester, 3 credits.

Biology 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 the biochemical processes: respiration, photosynthesis, mitosis, and meiosis. Introduction to classical and molecular genetics and biotechnology. The course includes theory and practice. 3 hours per week, 1 semester, 3 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. 3 hours per week, 1 semester, 3 credits.

BIO 200- Botany

Introduction to the plant kingdom. The taxonomic principles and evolutionary relationships of algae, fungi, and bryophytes (non-vascular terrestrial plants) are discussed. Morphological and developmental aspects, life cycles, ecological and economic value are discussed for the study divisions. The discussion of topics is supported by local examples and species. The course's reflective approach and practical experiences provide the university student with the acquisition of holistic, fundamental, and beneficial knowledge about the plant kingdom, its current diversity and its study. 3 hours per week, 1 semester, 4 credits.

BIO 201 - Plant Morphology

Introduction to the plant kingdom the taxonomic principles and evolutionary relationships of vascular terrestrial plants are discussed. Morphological, structural, developmental, life cycle, ecological and economic aspects are discussed. Discussion of topics is supported by local examples and species. The course's reflective approach and practical experiences provide the university student with the acquisition of holistic, fundamental, and beneficial knowledge about the plant kingdom, its current diversity, and its study. 3 hours per week, 1 semester, 4 credits.

BIO 203 - General 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 is placed on the study of representative forms and the potential usefulness or harm of some species to the environment. 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 course's reflective approach and practical experiences provide the university student with the acquisition of holistic, fundamental, and beneficial knowledge about the animal kingdom, its current diversity, and its study. 3 hours per week, 1 semester, 4 credits.

BIO 223 - Genetics (Prerequisite: BIO 112)

The course is theoretical and practical in nature, including molecular genetics, genetic regulation in both prokaryotic and viral cells, eukaryotic cells, genetic mutations, and aberrations. The fundamentals of molecular biology that are the basis for the development and applications of biotechnology are analyzed. The ethical and moral implications of genetic manipulations are discussed. The principles of Mendelian inheritance and population genetics are studied. In addition, the different experimental techniques through which these principles have been discovered are analyzed. The course consists of lectures and class discussions integrating laboratory experiences related to the topics covered. 3 hours per week, 1 semester, 4 credits.

BIO 323 - Development Biology (BIO Prerequisite 112)

Developmental Biology has great scientific and social importance, so it is a course requirement of the biology program. The course includes the theory and practice of organism development by analyzing the basic processes of development at the molecular, cellular, and tissue levels. Cell 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 problems associated with developmental research and its applications are discussed. 3 hours per week, 1 semester, 4 credits 3 hours per week,

CCO 115 - Computer Principles and Techniques

Study of the basic concepts on logic. Principles of proposition logic and Boole algebra. Numerical systems and operations, number base conversion. Information representation in computers. Relations, functions, recurrent relations, combinatorics, and successions applied to algorithm and program analysis and implementation. 4 hours per week, 1 semester, 4 credits.

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

Introduction to networking technologies, the Internet, and the World Wide Web. Discussion of the development of systems incorporating techniques for the creation of systems with good user experience (UI/UX). Discussion of various aspects in the design, development, and implementation of a website. Study HTML and CSS for creating web pages. Study of tools and languages for the development of interactive pages and applications programmed for a "web site". Page and program design and development projects will be required. 3 hours per week, 1 semester, 3 credits.

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

The first part explores the basic concepts of digital communications: bandwidth notions, channel characteristics, the equipment used, error detection and correction mechanisms, channel sharing techniques, modulation, and terminology in general. The second part studies communication protocols for computer networks, based on the OSI reference model, the functions of each level and some relevant algorithms such as "shortest path" and "routing", finite state machines are studied for some data-binding-level protocols. A research project is required on a topical topic, as well as the

programming of a basic communication protocol. 4 hours per week, 1 semester, 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. A programming project and a research project are required. 3 hours per week, 1 semester, 4 credits.

CCO 360 - Artificial Intelligence (Prerequisite: INF 201)

AI and Machine Learning have been imposed due to their innovative postures in the field of applied technology. In this course they are both studied under a humanist perspective, which is based on solid theoretical and philosophical foundations. The course analyses and studies the representation of knowledge and its importance in the automatic resolution of problems. Topics such as: Searching Decision Trees and Heuristics are included. Logical logic and programming; collective intelligence and machine learning; and natural language. The ethical impacts and implications of AI, both positive and negative, are also focused. It is a semi-practical and analytical course. 3 hours per week, 1 semester, 3 credits.

CCO 290 - Web Content Management (Prerequisite: CCO 225)

This course is an introduction to knowledge management in Web systems, for personal or business use. The importance of knowledge in an organization and the systems used to represent, manage, and share knowledge are studied. Technologies such as blogs, groupware, and systems for the automatic management of content etc. are analyzed, both personally and commercially. Students analyze real information management needs (of individuals or organizations), propose the design of a web portal to meet those needs, and implement it using Web Content Management (CMS) technology. In addition, they have the possibility to practice with such systems as users and as administrators. The student participates in research experiences. In this way it integrates the different theoretical aspects discussed in the course and applies research techniques and tools. The course requires the active participation of the student in the research and presentation of the results. 3 hours per week, 1 semester, 3 credits.

CES 110 - Strategic Communication

Study of theories and principles of strategic communication in a set of practical applications. It explores how communication has been transformed by digital technology, media fragmentation, changes in audience behavior, and ethical implications. It examines strategic communication cases in novel and emerging scenarios in the face of digital media diversity and social media. It analyzes the role of the strategic communicator in the design and implementation of integrated and persuasive strategies to achieve organizational goals. It also examines the challenges and opportunities of strategic communication in global society. 3 hours per week, 1 semester, 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 the medium through writing exercises development of a professional writing portfolio. It provides practice for students to create content that meets the organization's goals 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 cross-platforms). 3 hours per week, 1 semester, 3 credits.

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

Conceptualization of solutions that meet strategic objectives from idea generation to final application, regardless of media type and platform. It influences the evolution of the creative summary to the development of an innovative and relevant strategic idea, which solves the problems and needs of the client. It stimulates group work and ethics in traditional and digital multimedia and cross-platform environments. 3 hours per week, 1 semester, 3 credits.

CES 221 - Strategic *Branding* (Prerequisite: CES 220)

The course explores the business environment from the perspective of the development, meaning and relationship of the brand with its users and customers. Companies must develop innovative, dynamic, and comprehensive strategies capable of reflecting the constant change experienced today by a more sophisticated and informed consumer. The course focuses on the importance of a brand, how it behaves, how it should be addressed, differentiated, and managed by having as north the authenticity to achieve consumer loyalty. In addition, it analyzes a consumer's decision-making and decision-making strategies. It also evaluates the positioning, social environment in the market, competition, and influence public, as well as the values that will define the behavior of the brand. 3 hours per week, 1 semester, 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 the drafting of these strategies to create a creative media plan. Empowers the student to identify specific segments, manage audience databases, recommend combination of media, both online and offline, analyze performance (return on investment) and support business decisions by type consumer, as well as their needs and preferences. 3 hours per week, 1 semester, 3 credits.

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

This course covers the creation of content 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 administration and healing of such digital content, as well as the understanding of the dynamic creativity associated with this practice (metrics, consumer insights, among others). 3 hours per week, 1 semester, 3 credits.

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

The course examines how events, politics, laws and the various aspects of online communication and social media have set up and transformed professional ethics and codes of ethics. It analyzes various codes of ethics and laws applicable to the strategic communicator in various scenarios, including ethical concerns about the collection and handling of consumer data to make business decisions. It studies ethical problems 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 hours per week, 1 semester, 3 credits.

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

Practical experience in the planning and management of applied strategic communication efforts. It uses an in-service learning format, requires the application of managerial, strategic and integrated communication skills, where the student can implement the specialized knowledge and skills learned in a communication plan strategic for an organization. 3 hours per week, 1 semester, 3 credits.

CES 412 - Media and Audience Analysis (Prerequisite: CES 411)

This course introduces basic concepts, processes, media analysis and audiences. Explore the rise and features in big data management, audience behavior data acquisition and media consumption. Study basics of digital analytics and the use of live data to generate insights on key stakeholders' aspects of a website or mobile app, as well as user profiles, traffic sources, browsing patterns, conversion ranges and shopping paths within the digital ecosystem and social networks. It also includes the interpretation of data and its integration into the strategic plan. 3 hours per week, 1 semester, 3 credits.

CFI 101 - Psychological and Social Aspects of the Sports

The course offers a theoretical description of different psychological aspects that affect participation in physical activities and sports. Some of the topics discussed are recreation, women in sports, aspects of coaching, performance improvement, among others. Research studies are analyzed in depth and the use of appropriate techniques for the evaluation and prevention of socio-psychological situations affecting the athlete are introduced. 3 hours per week, 1 semester, 3 credits.

CFI 201 - Perceptual Motor Development

It is a theoretical course aimed at understanding the influence of the nervous system on perceptual motor development with emphasis on the relationship between cognitive and perceptual motor development, between brain growth 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 in motor perceptual development. The implications for learning and education of the different stages of

perceptual and motor development are studied. 3 hours per week, 1 semester, 3 credits. 3 hours per week, 1 semester, 3 credits.

CFI 202 - First Aid

Physical activity and sports training are factors that promote multiple beneficial and healthy effects on the individual. More and more people are regularly participating in sports and physical activity, but we must keep in mind that physical activity and sports training are not without risk of injury. This in turn leads to an increase in sports injuries and provokes the consultation of professionals related to the field of sports training such as physical trainers, athletic therapists, physical therapists, and kinesiologists, among others. This course of injury prevention and first aid has as main objective to provide a wide knowledge in valid interventions to attend the needs that are presented in the daily practice, related to the prevention of injuries during sport training and physical activity. 2 hours per week, 1 semester, 2 credits.

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

It is the theoretical study of the acute and chronic changes that occur in the physiological systems with exercise, physical activity, and training. It studies the muscular and neuromuscular system and its adaptations with exercise, physical activity, and training. Also, the student learns the systems responsible for the transport and utilization of energy, the cardiorespiratory systems and their adaptations during exercise, physical activity, and training. In addition, you learn physiological responses during exercise, physical activity, and training in both hot and cold environments. 3 hours per week, 1 semester, 3 credits.

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

In this theoretical course, acute and chronic adaptive responses that occur during different stages of life are discussed. The endocrine system and its adaptations with exercise, activity and physical training are studied. Also, the student learns the different adaptive responses that occur in immediate and long-term hormonal control. Also, the physiological responses during exercise, physical activity and training at altitude are learned. 3 hours per week, 1 semester, 3 credits.

CFI 301 - Cardiorespiratory Conditioning (CFI 204 Prerequisite)

Study of cardiorespiratory conditioning through various physical exercise modalities. Theories, rules, and techniques are studied to organize and offer physical activities to groups and individuals through rhythmic aerobic exercise modalities (high and low impact, Zumba and step aerobics), walking/running and spinning. The course is developed through lectures and practical exercises of each modality. 3 hours per week, 1 semester, 3 credits.

CFI 302 - Kinesiology (Prerequisite: BIO 102)

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

sciences. Identifying, organizing, and analyzing basic movements in relation to the muscular actions that occur in physical activity and exercise is an essential criterion for decreasing the risk of injury and prescribing safe exercise. This is a theoretical and practical course. 3 hours per week, 1 semester, 3 credits. 3 hours per week, 1 semester, 3 credits.

CFI 401 - Training Methodology (Prerequisite: CFI 204)

This course offers an introduction to sports training methodology. It works, promotes and shares the knowledge of appropriate quantitative and qualitative methods of athletic training including healthy people and those who engage in organized physical activity, grassroots sport, and subsequent sports development and finally high-level competition. The scientific factors that influence the preparation, organization and structuring of training programs at all ages and performance capabilities are analyzed. Also, the student is educated to use the scientific method applied to the sports environment 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 implies the study of the facilities, technical equipment, tactical and sports concept. 3 hours per week, 1 semester, 3 credits.

CFI 410 - Body Strength

The physiological, biomechanical, and motor fundamentals for anaerobic training with emphasis on the development of health and sports excellence are applied in this course. Emphasis is made on terminology, systems, theories, and specialized equipment. 3 hours per week, 1 semester, 3 credits.

CFI 411 - Nutrition, Human Performance, and Health

This course integrates concepts of weight control, nutrition, exercise, and caloric expenditure to develop a program of fitness and health maintenance. Analysis of studies related to nutrition. Emphasis is placed on the physiological benefits of weight control to improve human performance and health. 3 hours per week, 1 semester, 3 credits.

CFI 412 - Administration and Supervision of Sports Facilities

Study of management theories and models for sports facilities with emphasis on strategic planning and administrative duties and responsibilities. The theoretical aspects discussed in the course, as well as the skills and knowledge acquired, apply to the organizations of the external community. It focuses on participation in cooperative work projects according to the modality of learning through the service. The course requires 15 hours of conference and 15 hours of community work. 3 hours per week, 1 semester, 3 credits.

CFI 413 - Practice in Exercise Science and Health Promotion (All concentration courses up to CFI 414)

In this practice the student integrates the concepts related to exercise sciences and health promotion and applies them in professional experiences. Ethical aspects related to the profession are discussed. 3 hours per week, 1 semester, 3 credits.

CFI 414 - Physical Activity Measurement and Evaluation

In this course the principles of measurement and evaluation in physical education activities are applied. Measurement and evaluation in physical education are discussed and analyzed. Critical thinking is stimulated through the use of statistics. Emphasis is placed on the design and use of tests for the measurement and evaluation of motor skills and the analysis of the effectiveness of educational programs. 3 hours per week, 1 semester, 3 credits.

CMU 101 - Introduction to Mass Media

This course presents the communicative act as a social and cultural practice. It offers a critical panoramic tour of the sphere of mass media constituted in contemporary society by traditional institutions such as film, radio, and television as well as the Internet, a network infrastructure where they converge all these media, connected by a range of programs, platforms and technologies. In addition, it offers a critical conceptualization of this area as an ecosystem of networks and users of media such as "network actors" or agents that 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 hours per week, 1 semester, 3 credits.

CMU 103. Fundamentals of Communication Theory (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 (ICTs) that users, consumers and producers routinely use interactively to access and conserve 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 interactions and practices that occur in the knowledge society. This course is aimed at undergraduate communication students.

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

Study of the main theories and concepts of communication relevant to understanding the current moment of media convergence. From the first interdisciplinary theories of the communication process to theories related to the 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 a practical interdisciplinary experience based on the discursive and practical interactions that take place in the knowledge society. This course is aimed at Communication undergraduate students. 3 hours per week, 1 semester, 3 credits.

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

Development and analysis of the knowledge and skills needed to perform management functions and project self-management effectively and efficiently for various organizations in the field of communication. The course focuses on the five management functions: planning, decision making, organization, coordination (leadership) and control. The student has the opportunity to apply the knowledge, skills, tools and tactics to meet management expectations. It shows that he or she knows and can apply these concepts within the field of communication either by inserting himself/herself in existing organizations or by undertaking his or her own. With the knowledge acquired, the student develops a management plan considering the variables that affect the communication processes for its success. 3 hours per week, 1 semester, 3 credits.

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

Theoretical and practical study of the basic formats used in mass media with an emphasis on the various available digital narrative structures applicable for both audiovisual production, journalism, and communication Strategic. 3 hours per week, 1 semester, 3 credits.

CMU 260 - Digital Storytelling (Prerequisite: GIV 201)

This course exposes the student to the possibilities that result from the combination of digital technology with the communications field. Storytelling techniques interconnect with the perspective of new digital media, networks, and audiovisual dissemination capabilities. The course analyses and discusses digital and social content production technologies, 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. The course prepares the student in the construction of their digital identity and is organized in the workshop/seminar format. It employs practical online work strategies, collaborations, reading analysis and the creation of a digital portfolio on the open web. 3 hours per week, 1 semester, 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 of the most effective tools, strategies and techniques used in real life cases and put into practice through in-class exercises. 3 hours per week, 1 semester, 3 credits.

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

This course studies and analyzes topics such as: search and data collection, statistical techniques for data analysis and interpretation, and data visualization. The ethical topic is incorporated, and data analysis, collection and visualization tools are discussed. 3 hours per week, 1 semester, 3 credits.

CON 120 - Accounting for Managers

This course discusses the use and importance of accounting and financial analysis in business development. The course study the generally accepted accounting principles applied to the accounting cycle and to the preparation of financial statement in companies 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 importance aspects of the financial condition of organizations: liquidity, profitability and solvency. Emphasis is placed on budget preparation and financial analysis to support management decision-making. 4 hours per week, 1 semester, 4 credits.

CON 220 - Accounting Principles I

A course designed for students majoring in accounting. Study of the financial accounting cycle of buyers and sellers of goods and services. Discussion of manual systems of accounting, internal controls, and basic accounting of assets. The course is directed at training public accountants, so that they will have a basic knowledge of financial accounting. 3 hours a week, 1 semester, 3 credits.

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

Study of the basis of financial accounting with emphasis on non-current assets, liabilities, and capital. Discussion of entries that are part of the enterprise's non-current assets, payroll and payroll taxes, long-term liabilities, bonuses, and corporate capital. Analysis of cash flow, basic corporate accounting, and cost accounting. 3 hours per week, 1 semester, 3 credits.

CON 310 - Intermediate Accounting (Prerequisite: CON 221)

Study of the functions of financial accounting and its theoretical concepts. Discussion of techniques to apply the methods and general procedures used in accounting for the presentation of assets, liabilities, and capital. Also, recognition, measurement, and presentation of income and expenses of financial statements are studied. Emphasis on the criteria that should be applied when presenting and disclosing information regarding current assets. 4 hours a, 1 semester, 4 credits. 3 hours per week, 1 semester, 3 credits.

CON 320 - Cost Accounting (Prerequisite: CON 221)

Study of the methods and procedure of cost accounting for student accounting program. It includes the accounting procedures for the three main cost elements. Discusses the procedures used to collect cost information, cost accrual and the planning, analysis, and control of these. Analysis of the budgeting process with emphasis on the preparation of operational and financial budgets. The use of technology is encouraged. 3 hours per week, 1 semester, 3 credits.

CON 360 - Compute Accounting Systems (Prerequisite: CON 202, 212 or 221, INF 101 or 110)

Study of the fundamental concepts in computerized accounting systems. Construction of the accounting cycle, buying phase, investment, and payment of inventory. Analysis of the diverse systems of computerized accounting which are available on the market

and their usefulness depending on the type of enterprise. This course entails a fee for the use of a computer lab. 3 hours a week, 1 semester, 3 credits.

CON 400. Control System for Non-Profits (Prerequisite: CON 314)

Study of the accounting theory that applies to nonprofit companies. Development and analysis of an accounting reference framework that allows the understanding and resolution of decisional problems. Emphasis on planning and management control relevant to nonprofit organizations and government. Process analysis and budget control. 3 hours per week, 1 semester, 3 credits.

CON 410 - Advanced Accounting (Prerequisite: CON 310 or 314)

Study of the structure and dynamics of corporate assets. Analysis of the accounting problems that arise when a corporation invests in the shares of another, especially when significant influence or control is involved. Discussion of accounting for nonprofit organizations. 3 hours per week, 1 semester, 3 credits.

CON 417 - Federal Taxes (Prerequisite: CON 315 or CON 320)

Study of the Federal Internal Revenue Code (IRC). Law provisions and rules established by the federal internal revenue service regarding taxable income and income items, deductible and non-deductible expenses, as well as the preparation of tax returns on individual and corporate income. Analysis of the tax treatment applied to corporations and of cases resolved by the federal courts that have established jurisprudence in the tax area. Integration of the provisions of section 936 of the IRC and the industrial incentive laws of Puerto Rico. 3 hours per week, 1 semester, 3 credits.

CON 419 - Auditing (Prerequisite: CON 310)

Conceptual and applied study of contemporary practice of auditing. Emphasizes evaluation of accounting systems and internal auditors. Analysis of auditing standards, ethical principles, theory of evidence and application of statistical sampling. Students apply their competencies and knowledge to the practice through the integration of theoretical aspects discussed in the course. The course requires active participation by students in extracurricular activities outside the university, for which students must assign the necessary time. Emphasis on the student's active participation in projects developed in the community outside of the University through service-learning. 3 hours a week, 1 semester, 3 credits.

CPO 201 - Introduction to Political Science

This course familiarizes the student with the concept of politics and its method of study and is designed to offer political science as an academic discipline. It analyzes ideological assumptions, institutions, theoretical frameworks, and political systems. The course intertwines two objects of study that are indispensable for the student who is initiated in this field of study. On the one hand, it explores the scope of political science as a field of research and its methods and on the other hand, it examines the regulatory and descriptive approaches to policy. 3 hours per week, 1 semester, 3 credits.

DAN 101 - Classical Technique: Basic Level I

This course deepens the basic elements of classical technique. It gives continuity to the development of concepts and their application. In addition, it allows the student to identify areas of opportunity to strengthen his or her skills as an artist. 3 hours per week, 1 semester, 2 credits.

DAN 103 - Contemporary Technique: Basic Level I

This practical course focuses on raising the study of contemporary technique to an intermediate level. Among other skills, it continues to develop body and spatial awareness, skills of memorization and retention of movement material, rhythm and motor coordination, and musicality (when applicable). It is proposed to begin cultivating the development of a broad repertoire of movement. 3 hours per week, 1 semester, 3 credits.

DAN 111 - Improvisation Laboratory

In this course we explore the basic tools necessary for artistic creation. We experiment with different sources of stimulus, to achieve the development of presence, body awareness and imagination. Students are introduced to elements of play and playful simulations for movement and scores for improvisation or composition in real time. 2 hours per week, 1 semester, 1 credit.

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

This course delves into the basic elements of classical technique. It gives continuity to the development of concepts and their application. In addition, it allows the student to identify areas of opportunity to strengthen his or her skills as an artist. 3 hours per week, 1 semester, 2 credits.

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

This practical course focuses on continuing to deepen the foundations of contemporary technique at the basic level. Elements of improvisation are integrated. 3 hours per week, 1 semester, 2 credits

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

This course introduces the student to the classical technique of the intermediate level. Terminology is applied based on movement performance and interpretation skills. 3 hours per week, 1 semester, 3 credits

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

This course deepens in the classical technique of intermediate level. It reinforces the correct use of ballet terminology and promotes the strengthening of technical skills in memorization, retention and execution of movement phrases, dynamics, precision, balance, and coordination. Also covered are aspects related to the design of choreographies. 4 hours per week, 1 semester, 3 credits.

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

This practical course focuses on the fundamentals of contemporary dance technique with emphasis on weight displacement, efficient use of the center of gravity and movement dynamics. 3 hours per week, 1 semester, 2 credits.

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

This practical course gives continuity to the intermediate level of study of contemporary technique and the development of skills with greater technical complexity. It also continues to expand the repertoire of movements. 4 hours per week, 1 semester, 3 credits.

DAN 205 - Dance: Past, Present, Future

In this course we discuss a chronological journey through the foundational contexts of dance: its main figures, events, movements, evolutions. Trends, influences and currents will be examined from a critical perspective, considering the social and political background. Controversies and debates that have had a transforming function in dance will be exposed. 3 hours per week, 1 semester, 3 credits.

DAN 207 - Motion Analysis

This course encourages self-assessment of movement preferences and develops the skills to observe, interpret, and evaluate movement. A practical view of systems will be applied focusing on Bartenieff Fundamentals and Laban-Bartenieff Movement Analysis (LBMA). This and other observation theories will be applied in the function applied to dance and daily movement, as a method to harvest a common vocabulary, methods of constructive feedback and to expand the repertoire of movement and choreography from a transdisciplinary perspective. 3 hours per week, 1 semester, 3 credits

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

Study of the dance of the period of Classicism and transition course from intermediate to advanced level. Terminology will be applied based on movement performance and interpretation skills. The development of technical skills, physical dynamics and consideration of artistic aspects will also be key elements of the course. The course will introduce existing choreographic segments and encourage the exploration of new choreographies of classical technique. 4 hours, 1 semester, 3 credits.

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

Practical course of the contemporary technique at advanced level the concepts of the release technique are introduced and skills with greater technical complexity continue to be developed. It is proposed that students integrate the development of their repertoire of movements a self-reflection on their trajectory. 4 hours, 1 semester, 3 credits.

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

Practical course of contemporary technique at an advanced level. Advanced combinations are incorporated. This is the closing technique course for the contemporary dance specialty. 4 hours, 1 semester, 3 credits.

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

This course discusses a chronological journey through the foundational contexts of dance: its main figures, events, movements, evolutions. Trends, influences and currents will be examined from a critical perspective, considering the social and political background. Controversies and debates that have had a transforming function in dance will be exposed. 4 hours, 1 semester, 3 credits.

DES 110 - Sustainable Development & Agenda 2030

This course presents students with the concept of sustainable development and the objectives of the 2030 Agenda for Sustainable Development approved by the United Nations. From a systemic approach, which incorporates methodologies associated with design thinking, as well as exposure to visualization programs such as Adobe Suite and AutoDesk, and geographic information such as ESRI, aspects of sustainable development related to poverty, inequalities and environmental problems are analyzed. In addition, the indicators of sustainable development and welfare measurement are studied. This course entails a fee for the use of a computer lab. 2 hours per week, 1 semester, 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 discusses the analysis of the limits of the planet, the balance of its systems and the role that the environment, urban design, energy utilization, demographic dynamics, education, health, culture, and communication have in this context. 4 hours per week, 1 semester, 4 credits.

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

This course deepens the analysis of the aspects of the environment that are most linked to the Sustainable Development Goals. 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 reality in Puerto Rico and the Caribbean. In addition, it stimulates the knowledge of successful international experiences of environmental protection and the management of solutions that incorporate elements of design, entrepreneurship, data analysis and technology. 2 hours per week, 1 semester, 2 credits.

DES 214 - Social Development (Prerequisites: DES 111)

This course addresses the analysis of the Sustainable Development Goals in the field of social inclusion, education, health, and other social aspects. Issues related to 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 incorporates research exercises, data analysis, use of technology and reflection on the local and international environment. It also encourages students to manage innovative projects aimed at improving the education and health of the population and reducing inequalities. 2 hours per week, 1 semester, 2 credits.

DES 215 - Economic Development (Prerequisites: DES 111)

This course deepens the analysis of economic development: its concept, its historical evolution, and its current context. It also reflects on poverty and the objective of eradicating it from our societies. It exposes the student to key concepts such as public policy, local development, community development, economic growth, industry, production, and social entrepreneurship, among others, and allows him to study different experiences of local and international economic development programs. It promotes that students manage, based on data and with the use of technology, innovative and supportive solutions aimed at improving the economic conditions of communities and countries. 2 hours per week, 1 semester, 2 credits.

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

Culture is an essential ingredient in sustainable development processes. This course presents the student with aspects related to cultural policies, cultural management, heritage, creativity, and cultural expression, among others, and raises its importance in the development of societies. It also studies the importance of cultural and creative industries, data analysis, observatories, and maps of culture, as well as cultural tourism, for economic development. The analysis and research around local and international cultural policies consider aspects such as the right to culture, freedom of expression and the role of digital platforms. The course also encourages students to manage projects aimed at increasing access to culture in our societies and incorporating the use of technology for these purposes. 2 hours per week, 1 semester, 2 credits.

DES 317 - Planning and Monitoring of Indicator

This course addresses issues of planning and monitoring indicators. It incorporates data analysis and the use of technology to design, communicate and implement planning processes in today's societies. The planning process is analyzed, including the definition of mission, vision, goals, and objectives, among other aspects. The main question presented in this course is how to establish a system of indicators that supports decision-making in the context of strategic management. 2 hours per week, 1 semester, 2 credits.

DES 318 - Project Evaluation

Evaluations are essential processes of sustainable development projects, since they allow demonstrating whether they meet the planned goals and objectives, as well as being an accountability mechanism and a tool to strengthen the structure, mission and services provided by a project. In this course the student is trained in the management of concepts, skills and values related to the evaluation of sustainable development

projects. From a practical approach, which incorporates data management and application of technologies, the different types and approaches of evaluation are presented, as well as the logical model as a tool for the design of evaluations and the identification of indicators. The student identifies quantitative and qualitative techniques that are used to collect information and ways to present the results of an evaluation. 3 hours per week, 1 semester, 3 credits.

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

This course presents students with debates about the development of cities and urban systems. Analyze the emergence of cities, their historical processes, and current challenges. It addresses the concepts of sustainable city, smart city, and inclusive city. During the course, the student reflects on their surroundings and studies the urban development process of Santurce, among other models. In addition to the discussion of teaching materials in class, the student will design a social entrepreneurship aimed at influencing the transformation of their environment and promoting diversity and social cohesion with the support of technology. 3 hours per week, 1 semester, 3 credits.

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

This course addresses issues related to 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 urban transport-oriented development (DOT). During the course, the student reflects on their surroundings and knows the history of urban planning in Santurce, among other models. In addition to the discussion of teaching materials in class, the student will design a social enterprise aimed at influencing the transformation of their urban environment from a sustainable development approach and incorporating the use of technology. 3 hours per week, 1 semester, 3 credits.

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

In this course, aspects related to urban systems planning in different subjects are studied. Transportation, water, energy, and solid waste systems are analyzed. Objectives and guides are proposed for the design of these systems from a sustainable development approach and cases of interest at local and international level are studied. During the course, the student reflects on the environmental and management challenges of urban systems in the context of Santurce. In addition to the discussion of teaching materials in class, the student will design a social entrepreneurship project for the management of energy, water, or solid waste in Santurce incorporating technology and data analysis. 3 hours per week, 1 semester, 3 credits.

ECO 310 - Contemporary Economic Issues

This course discusses the contemporary economic issues that impact global affairs in terms of economic, political, social, cultural, and environmental forces. Topics such as democracy and human rights, conflict and stability, economic globalization, distribution and resources today's global business, technological development,

environmental concerns, and cultural identity are included. Various topics of the global economic outlook of contemporary challenges, the extent of global stability and the world order in the long term are also discussed. 3 hours per week, 1 semester, 3 credits.

EDU 201 - Fundamentals of Education

Study of the concepts and purposes of Education. Historical development of Education from the beginnings of culture to the present systems. Puerto Rican Educational Trajectory. Emphasis on the philosophical and sociological foundations of education and its maximum exponents. Emphasis on the 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 political concept of education and the factors that influence its development. 3 hours per week, 1 semester, 3 credits.

EDU 205 - Educational Psychology (Prerequisite: PSI 209)

Study of the student, teacher, and teaching-learning process variables from the perspective of learning theories: psychodynamic and developmental, behavioral, neo-conductive, cognitive and humanist-existential. Emphasis on the basic psychological principles and processes and conditions that facilitate effective learning. Discusses the theory of multiple intelligences, and attention to diversity in the classroom. Includes the use of modules on the WEB as support. 3 hours per week, 1 semester, 3 credits.

EDU 212 - Teaching for Infants and Toddler

This course involves the study of the importance of the first three years (0-3) of life in the development of the potentialities and learning processes of childhood. Design, planning and implementation of practices and activities and curriculum based on developmental theories. Discussion of optimal learning environments for infants and mothers. Importance of play for infant and maternal development, as well as appropriate practices. 3 hours per week, 1 semester, 3 credits

EDU 213 - Perceptual Motor Development of Children 0-4 years old

This course is aimed at developing in the future educator and teachers of infants, maternity and preschool children the skills of choosing, organizing, managing, doing, and evaluating movement activities that stimulate perceptual and motor development in children attending early education centers (0-4). 3 hours per week, 3 credits, 1 semester.

EDU 214 - Laws, Regulations and Permits for the Establishment of Child Care and Preschool Centers

These courses are intended to study the legal foundations, regulations and permits that govern Early Childhood Centers from 0 - 4 years of age. Since this area is highly regulated, the history of federal and local laws, developments, and areas of need that these laws, regulations, and permits must address are briefly discussed. The steps in developing an Early Childhood Center and the ethical and legal issues in working with early childhood and their families are addressed. 3 hours per week, 1 semester, 3 credits.

EDU 215 - The Family as Part of the Educational Program (Prerequisite: EDU 211)

This course includes the analysis of activities that can be designed to stimulate family participation in an early and elementary education program. A work plan is designed to encourage family participation in school and curricular activities: visits to the school, information and progress, orientation activities for family development, participation as a resource, parent-teacher meetings, field trips. Hands-on parent orientation workshop. Ethical aspects in the handling of information related to children and their families are discussed, as well as their rights. Discussion of aspects related to gender, cultural, cognitive, and other diversity. 3 hours per week, 1 semester, 3 credits.

EDU 217 - Early Stimulation (0-4)

This course is aimed at the future educator/teacher of infants, maternity and pre-school children to participate in experiences aimed at understanding the importance of early stimulation in the first years of life of the human being. The future professional learns to develop strategies that facilitate the stimulation in the children according to their level of development without forgetting the appropriate practices. In addition to knowing and understanding the theory, they are provided with the opportunity to put into practice what they have learned. 3 hours per week. 1 semester, 3 credits.

EDU 218 - Environment Design for Early Childhood (0-4)

This course is aimed at developing in the future educator the basic knowledge about how important it is to master the design of the physical environment of centers working with infants, toddlers, and preschoolers. The course studies and analyzes the implications of creating an appropriate environment for meaningful learning during those early years, integrating the role of the family in this process. Experiences are worked on to familiarize them with different types of environments, inclusive settings, application of learned knowledge and importance of the environment in the holistic development of early childhood. 3 hours per week. 1 semester, 3 credits.

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

In this course, the basic principles of instructional design are represented and discussed. Systems theory and the Systematic Instructional Design approach are discussed. Discussion and analysis of Bloom's and Norman Webb's taxonomies, task analysis, and systematic instructional planning. Integration of technological tools to instructional design. Discussion and analysis of the availability and validity of various information sources and technological tools for use in the classroom. Analysis of educational techniques, strategies, and models. 3 hours per week, 1 semester, 3 credits.

EDU 292 - Classroom Management (Prerequisite: EDU 226)

The important role of classroom management for student achievement, research and theories and different views of classroom management are discussed. Application and use of effective classroom management strategies in the diversity of situations confronting the teacher. Classroom visits and observations are made to apply and integrate the techniques presented to real cases. The active participation of students in activities outside of the course schedule is required for school visits. As a result, the

student must set aside the time necessary to accomplish them. 3 hours per week, 1 semester, 3 credits.

EDU 301 - Evaluation of Learning (Prerequisite: EDU 226)

Study and analysis of evaluation as a systematic process integrated into teaching. Assessment techniques such as anecdotal notes, reflective journal, the interview, collation sheets, estimation scales, the 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 faced by the teacher. Practice in the use and management of evaluation forms, curves, and simple statistics such as mode average, median, standard deviation and others. The advantages and disadvantages of the various types of evaluation are discussed. Discussion of ethical aspects related to evaluation and information management. Aspects related to attention to diversity. Classroom visits and observations to apply and integrate the techniques presented to real cases. 3 hours per week, 1 semester, 3 credits.

EDU 304 - The game as an educational strategy

Study of the evolutionary history, nature of the game in the development and learning of the human being, emphasizes the importance and value of this as a natural and essential strategy for the construction and acquisition of knowledge, development of thought and language, social, psychological, motor, and physical development. The game as a tool for moral development and decision making in children. The game is analyzed as a strategy of curricular integration. Study of aspects related to assessment, evaluation, and remediation through play. Study of games in the development of diverse cultures. 3 hours per week, 1 semester, 3 credits.

EDU 305 - Methodology and Curriculum Integration for Early Education (Prerequisite: EDU 226)

This course emphasizes discussion of the most appropriate and effective methodologies, approaches, teaching strategies, and curriculum integration for the full development of the potential of children ages 5-8. It includes the considerations to be taken for programming, setting, choice of manipulatives, artifices and activities that maximize the learning of these children. The importance of experimentation, exploration is discussed. Reflection on the integrated contents, learning styles and evaluation of these children. Finally, the alternatives of curricular enrichment and integration with complementary subjects such as art, music, theater, and movement are presented, which not only contribute to the development of creativity, body, artistic expression and communication, but are also fundamental and essential aspects in early education. 3 hours, 1 semester, 3 credits.

EDU 306C - Nature, needs and technological assistance of the exceptional student.

Overview 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 of school, home and community Teaching methods, options for placement

and use of assistive technology and inclusion Federal and state laws for persons with disabilities. Public and private agencies to assist this population. Students are required to actively participate in activities outside of course time and university settings through clinical experiences related to their level of education. 3 hours per week, 1 semester, 3 credits.

EDU 308 - Children's Literature

Use of authentic children's literature as part of the early childhood (0-8 years) and elementary education curriculum as a means for language development and curriculum integration. Authentic literature that is appropriate to the level of the students is examined. Social-emotional development is addressed where literature is taken as the basis. We study, from different perspectives, the wide diversity of topics that are addressed in each of them, as well as the fundamental criteria that must be considered when evaluating and selecting a book for each age. We learn how to incorporate children's literature in the classroom and at home in a stimulating, creative, and meaningful way to support the promotion of reading behavior and reading comprehension skills. 3 hours per week, 1 semester, 3 credits.

EDU 311 - Art in the School Program (Prerequisites: EDU 205, EDU 226)

Techniques and Methods of Teaching the Arts in K-12 Education. Analysis and discussion of the importance of art as a means of integration curriculum and the integral development of the students. 3 hours per week, 1 semester, 3 credits.

EDU 313C - Teaching for Science in Elementary School (Prerequisite: EDU 226)

Analysis of the Nature and Philosophy of the Natural Sciences. Study of the scientific method and processes of science. Teaching strategies and models and assessment of the natural sciences in elementary school. Preparation and selection of manipulative materials, design of lesson plans incorporating technology. Includes 20 hours of pre-practice experience in elementary school environments. 4 hours per week, 1 semester, 4 credits.

EDU 314 - Mathematics in School Program (Prerequisite: EDU 226, MAT 100 or 210)

This course presents the curriculum content, skills to be developed, and methodology to be mastered by all future teachers who plan to teach elementary education (K-6). The latest developments and approaches to teaching mathematics, including the use of manipulatives and assessment techniques, are taken into consideration. The course approach is based on the principle of the constructivist theory of knowledge. It incorporates classroom research and mathematical standards that frame teaching in terms of indicators of its quality. Basic documents that guide the teaching of K-6 mathematics are analyzed. 3 hours per week, 1 semester, 3 credits.

EDU 315 - Language Arts in the School Program (Prerequisite: EDU 226)

Theoretical Foundations, Goals, and Curriculum Content of Language Arts in the Elementary School Program Methods, strategies and techniques for teaching and evaluating communication processes in the vernacular. Discussion of the basic foundations in language development and the relationship between language

development and thought. Classroom observation. 3 hours per week, 1 semester, 3 credits

EDU 319C - Elementary School Reading and Writing Instruction (Prerequisites: EDU 226 and EDU 315)

Analysis of the reading and writing activity as an end and as a means. Study of the relationship between oral language development and literacy development from the theoretical perspectives that support it. Study of the differences of approach between the classical definitions of the terms reading and writing and the interactionist perspective of reading and writing. Teaching reading and writing in meaningful contexts and activities to promote reading and writing, based on a comprehensive view of language. The importance of oral expression, the comprehensive reading of various texts and graphic media, as well as clear and coherent writing to develop effective communication skills is studied. This is not only for school purposes, but more than anything, as formative elements for the intellectual life of students. Twenty hours of pre-practical experiences in an elementary school. 4 hours per week, 1 semester, 4 credits.

EDU 398 - Pre-practice Seminar

Set of experiences aimed at integrating knowledge and practicing the central processes related to teaching between the levels of early preschool education (0-4 years), elementary education (k-3 and 4-6to) and education in fine arts (visual arts, music, theater, and dance), prior to teaching practice. It promotes the integration of students' teaching knowledge, the specialization of their research, planning and educational execution skills and clinical experiences in certified educational centers. The course requires 30 contact hours in class and at least 35 contact hours in the pre-practice center in the area and level of interest. Of these, at least 9 hours are in direct facilitation with a group of apprentices and assistance to the teacher. In addition, the willingness and love to educate are promoted and motivated, as well as the ethical, theoretical, and philosophical principles related to the practice of the profession in preparation for its teaching practice. 3 hours per week, 1 semester, 3 credits.

EDU 330 - Language and Literacy Acquisition and Development (Prerequisite: EDU 226)

Study of the relationship between oral language development, beginning with language development in the early years, and the development of literacy skills from the theoretical perspectives that support it. Study of the differences between traditional approaches to teaching reading and writing and the interactionist perspective of literacy. Discussion and practice of new strategies and methods for authentic assessment of literacy development in children aged three and above. 3 hours per week, 1 semester, 3 credits.

EDU 332 - The Preschool and Primary Curriculum (Prerequisites: EDU 211, EDU 215)

Study of different curricular approaches in the field of preschool and primary education. Particular attention is given to the analysis of models, taking as a starting point the development of children from four to eight years old. The points related to content, objectives, activities, selection of materials, evaluation strategies and the use of

appropriate practices for the development of children at an early age are analyzed. 3 hours per week, 1 semester, 3 credits.

EDU 344 - Assessment and Observation of Children from 0-4 Years Old

This course is aimed at the future educators of infants, mothers, and preschoolers to participate in experiences aimed at the process of observing and evaluating early childhood. Students learn how to observe/note down, keep observation records, and evaluate. The importance of the interrelationship of these processes and how they serve as a basis for decision making that corresponds to the individual interests of each child is established. The course discusses observation as a process for learning and establishing relationships necessary for evaluation. 3 hours per week, 1 semester, 3 credits.

EDU 361/546 - Brain Function and Motor Perceptual Development

Studies the nervous system with an emphasis on the study of the central nervous system and specifically the parts of the brain, their functions and the importance of teachers knowing how the brain works. It also studies the theories of human brain development: the evolutionary theory, the theory of brain hemispheres and the theory of connections. Recent research in the field of neuroscience and its relationship to early education is also discussed. The educational implications and impact of all these aspects in the processes of early childhood development, as well as in the curricular design. 3 hours per week, 1 semester, 3 credits.

EDU 408 - Early Education Teaching Practice: Preschool Level (0-4 years)

Set of supervised clinical experiences of planning, implementation and evaluation of curricular and co-curricular teaching and learning activities with the communities of apprentices in authorized preschool centers (0-4 years). These experiences are coordinated and supervised by certified personnel of the Department of Education of Puerto Rico and Sagrado in compliance with current regulations. At least 260 contact hours in the practice center are required. Of these, at least 65 hours are in direct facilitation with a group of apprentices. The total hours are fulfilled in 4 hours from Monday to Friday during a school semester. A facilitation, follow-up and support seminar for students is included to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the practice of the profession, as well as to motivate the disposition and love for education. 6 hours per week, 1 semester, 6 credits, 260 hours of practice.

EDU 410 - Early Childhood Education Teaching Practice: Elementary (K-3ro)

Set of supervised clinical experiences of planning, implementation and evaluation of curricular and co-curricular teaching and learning activities with the communities of apprentices in authorized primary elementary level (K-3) centers. These experiences are coordinated and supervised by certified personnel of the Department of Education of Puerto Rico and Sagrado in compliance with current regulations. At least 260 contact hours in the practice center are required. Of these, at least 65 hours are in direct facilitation with a group of apprentices. The total hours are fulfilled in 4 hours from Monday to Friday during a school semester. A facilitation, follow-up and support

seminar for students is included to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the practice of the profession, as well as to motivate the disposition and love for education. 6 hours per week, 1 semester, 6 credits, 260 hours of practice.

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

A set of supervised clinical experiences of planning, implementation and evaluation of curricular and co-curricular teaching and learning activities with the communities of apprentices in elementary level centers (4th-6th). These experiences are coordinated and supervised by certified personnel of the Department of Education of Puerto Rico and Sagrado in compliance with the regulations in force. At least 260 contact hours are required in the practice center. Of these, at least 65 hours are in direct facilitation with a group of apprentices. The total hours are fulfilled in 4 hours from Monday to Friday during a school semester. A facilitation, follow-up and support seminar for students is included to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the practice of the profession, as well as to motivate the disposition and love for education. 6 hours per week, 1 semester, 6 credits, 260 hours of practice.

EDU 412 - Practicum Teaching Fine Arts (K-12)

A set of supervised clinical experiences of planning, implementation, and evaluation of curricular and co-curricular activities of teaching and learning with communities of apprentices in authorized centers that where Fine Arts (Visual Arts, Dance, Music and Theatre) in instructed in K-12 level. These experiences are coordinated and supervised by certified personnel of the Department of Education of Puerto Rico and Sagrado in compliance with current regulations. At least 260 contact hours in the practice center are required. Of these, at least 65 hours are in direct facilitation with a group of apprentices. The total hours are fulfilled in 4 hours from Monday to Friday during a school semester. A facilitation, follow-up and support seminar for students is included to strengthen those skills that require it, the ethical, theoretical, and philosophical principles related to the practice of the profession, as well as to motivate the disposition and love for education. 6 hours per week, 1 semester, 260 hours of practice, 6 credits.

EFI 227 - Games, Rhythms, Movements and Modified Sports

Emphasis on the exploratory movement approach and the development of muscle coordination, using basic rhythms. Simple organization games, appropriate for children ages 3 - 8 and elementary and middle school levels. Design, selection and practice of modified games and sports that are used as a tool to teach motor skills, rules, knowledge, appreciation, and strategies of an official sport Analysis of the principles that should be considered in the planning and implementation of educational game experiences. 3 hours per week, 1 semester, 3 credits.

EFI 301 - Health Education

The course exposes the student to understand the physical, psychological, and social development of the human being in relation to the development and maintenance of a

good quality of life. Analysis of the factors that most affect the health of individuals and methods and strategies to promote and maintain health. Lifestyles that affect the quality of life and health of individuals are discussed. 3 hours per week, 1 semester, 3 credits.

EIN 110 - Introduction and Theories of the International Relations and the Globalization

In this course, the most important topics of the international scene and the fundamental theories of the discipline for the interpretation and analysis of these are presented. 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 relevant problems and issues of contemporary international politics are explored (climate crisis, nationalism, supranationalism, human rights, nuclear proliferation, among others). 3 hours per week, 1 semester, 3 credits.

EIN 205 Introduction and Theory of Global Communication (Prerequisite: EIN 110)

Through a combination of research projects, debates and case studies, this course covers a variety of global issues such as diversity of news and mass communications, emerging trends in global and media business communication, technological advances, global communication sources and systems, cultural contexts, the theory of symbolic interaction, the theory of structuring, theories of the world-system and electronic colonialism, as well as ethical and legal issues and the role and impact of advertising and public relations in the global market. 3 hours per week, 1 semester, 3 credits

EIN 210 - Science, Technology, and International Relations (Prerequisite: EIN 110)

Study of the conceptual, theoretical, methodological, and empirical bases of the new sub-disciplinary field that composes science, technology and international relations. The main actors involved in this field (countries, companies, universities, international organizations, etc.) and their links (conflict, cooperation, competition, etc.) are identified. The global processes (governance, distribution, application, etc.) and the type of global structure resulting from these interactions (multipolar, unequal, etc.) are also recognized. An elementary description is made to the main topics of the international agenda linked to scientific-technological development. 3 hours per week, 1 semester, 3 credits.

EIN 215 - Global Political Economy (Prerequisite: EIN 110)

The study of global political economy examines the role of the state in the world economy, the evolution of the international division of labor, the development of the institutional structures that govern world economic policy and its 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 the interests between politics and the economy are defined and how and why international economic policies are established. 3 hours per week, 1 semester, 3 credits.

EIN 300 - Public Policies and Information Technologies (Prerequisite: EIN 210)

The course explores critical perspectives in public policy building processes and how the agenda is set, problems are defined, the terms of debate are framed, and policy alternatives and outcomes are formulated and analyzed using theoretical frameworks of economy and market and of the management of businesses and institutions. Cost / benefit analysis, stakeholder perspectives and systems theory are also studied. Emphasis is placed on critical thinking, teamwork and group dynamics, and the management of multiple actors and Leadership styles. 3 hours per week, 1 semester, 3 credits

EIN 305 - Culture and International Communication (Prerequisite: EIN 205)

This course deals with how culture and communications affect international relations. Through discussion and analysis of concepts and situations, it explores the changing role of culture in the relations between nations and individuals through national boundaries and how international cultural interaction affects events and trends at the global level. It also analyzes how the globalization of telecommunications has changed the patterns of international interaction, the development of the media as sources of influence and dissemination of ideas, and international efforts to regulate and control the flow of information. 3 hours per week, 1 semester, 3 credits.

EIN 409 - Diplomacy in Science, Technology and Communications

The historical development of the diplomatic method and its role in outstanding international events, as well as its effectiveness and validity in contemporary relations, are studied from a critical perspective. A section is devoted to the study of "scientific diplomacy" in solving globalization challenges, such as climate change, pandemics, natural disasters, nuclear proliferation, or cybersecurity. 3 hours per week, 1 semester, 3 credits.

EIN 410 - International Journalism (Prerequisite: EIN 409)

This course focuses on understanding the role of correspondents and international news in society. The direction, flow, and pattern of coverage of foreign correspondents is analyzed, as well as the impact of new technologies on the quantity, frequency and speed of international news reports. The political, social, and economic consequences of international journalism and their contemporary challenges are also addressed. Differences between cultures and journalistic approaches are contrasted while analyzing the impact of global trends in journalistic practices. With the visit of experts on the subject, the main challenges of communication from abroad are presented. 3 hours per week, 1 semester, 3 credits.

ENF 101- Fundamentals of Nursing - Theory (Prerequisites: None; Prerequisite: ENL 101)

This course is the fundamental basis of nursing knowledge and skills. It includes the integration of concepts from the physical, biological, behavioral, ethical-moral, and legal sciences, 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 needed to care for the

individual, family and community by applying the Sister Callista Roy nursing process and adaptive model. 3 credits, 45 conference hours.

ENL 101 - Fundamentals of Nursing - Clinical (Prerequisite: None; Requirements: ENF 101, BIO 101)

This course develops the student's basic clinical nursing skills. It includes the integration of concepts from the physical, biological, behavioral, ethical-moral, and legal sciences, 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 competencies needed to care for the individual, family and community by applying the Sister Callista Roy nursing process and adaptive model in real-life settings. 4 credits (45 hours of skills lab and 120 hours of practice).

ENF 102 - - Student Adaptation in Nursing (Prerequisites: Recommended for those being substituted or validated ENF101- Nursing Fundamentals)

This course includes the integration of the concepts of nursing history, ethical-moral and legal aspects, standards of practice; nursing theories, growth, and development, teaching and learning; communication, nutrition, fluid and electrolyte balance, and the process of infection. In addition, it trains the student in the application of the nursing process using Sister Callista Roy theory. 2 credits, 30 conference hours.

ENF 118 - Nutritional Implications in Nursing (Prerequisite: ENF 101 or 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, 45 conference hours.

ENF 206 - Physical Assessment - Theory (Prerequisite: BIO 102, ENF 101 or EN102; ENL 206 Corequisite)

This course enables the student to perform the basic skills of estimating physics. Students develop critical thinking and specific techniques for performing the health history and physical assessment of the adult client in the stages of growth and development of the adult. Findings are used to identify adaptive problems and ineffective behaviors to establish nursing diagnoses, goals, and interventions to develop the nursing process to provide excellent holistic care. 2 credits, 30 conference hours.

ENF 230 Pathophysiology (Prerequisites: BIO 102, ENF 101 ENF102; prerequisites ENF 206, ENL 206 BIO 204)

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, is affected by the interaction with his environment, society, deviations in the continuum, health-illness, ethical, moral, and legal aspects. Through the learning experiences, the nursing process is developed, focused on the estimation of the behaviors and the stimuli related to the alterations of the functioning, in the physiological mode of the organism, as well as estimated diagnosis and treatment of these. 3 credits, 45 conference hours

ENF 231 Pharmacology (Prerequisites: QUI 118, ENF 101, ENL 101)

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 of the indications, pharmacodynamics, and effects of drugs during the stages of growth and development of the individual. Emphasizes the application of the nursing process in 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: 45 conference hours and 15 hours of skills lab

ENF 301 Maternity (Prerequisites: ENF 341, ENL 341, ENF 342, ENL 342; Corequisites: ENL 301, ENF 349, ENL 349)

This course promotes the adaptation of the pregnant family through knowledge and skill development. It considers the evolution of the maternal concept throughout history. It emphasizes the bio-psycho-social aspects of normal and high-risk pregnancy, as well as maternal and neonatal nutrition. The family process and the impact of cultural diversity on family structure, family planning, and emotional aspects of the pregnant and postpartum family are discussed. Ethical-legal aspects of maternal and neonatal care are considered. Maternal disorders are discussed, such as diabetes, heart problems, toxemias, functional and hormonal disorders, and the healthy newborn. 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, 45 conference hours.

ENF 341 - Medical and Surgical 1 (Prerequisites: ENF 101 or 102, ENL 101, BIO 204; Corequisites: ENF 231, ENL 341)

Provides knowledge of nursing care with consideration for the stages of growth and development of the adult client. Emphasizes protective behaviors, activity and rest, endocrine function, elimination, and nutrition. In addition, it includes diverse theories of growth and development, neoplasms, and pre, intra and post-surgical care. It promotes adaptation by applying the nursing process. 3 credits, 45 conference hours.

ENF 342 Medical and Surgical 2 (Prerequisites: ENF 341, ENL 341 ENF 231, ENF 206, ENL 206, ENF 230; Corequisites: ENL 342)

Provides knowledge of nursing care taking into consideration the stages of growth and development of the adult and the elderly. Emphasizes physiological modes of oxygenation, neurological, sensory, and endocrine. It promotes adaptation by applying ethical-moral and legal aspects when using the nursing process. 3 credits, 45 conference hours.

ENF 349 Mental Health (Prerequisites: ENF 342, ENL 342, PSI 201; Corequisites: ENF 301, ENL 349)

In this course the student analyzes the psychopathological behaviors that make it difficult for the client to adapt to the health-mental illness continuum. Emphasizes the ethical-moral and legal aspects of intervening with the client, family, and community.

Visualizes the individual, family and community as bio-psycho-social entities with maladaptive behaviors in the health-mental illness continuum interacting with the environment. Includes foundations of psychiatric nursing, psychopathology and therapeutic modalities using as theoretical references in psychiatric nursing and psychology, for the application of the nursing process. 3 credits, 45 conference hours.

ENF 402 Pediatrics (Prerequisites: ENF 301, ENF 349 ENL 301, ENL 349; Corequisites: ENF 440, ENL 440)

The course leads the student to visualize the child through the different stages of growth and development within the health-disease continuum. Emphasis is placed on disease prevention, health promotion and child rehabilitation based on 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 a tool for nursing care considering the aspects: ethical-legal, social, moral, spiritual and values. The application of the nursing process in the child who experiences maladaptive behaviors from the neonatal stage to adolescence is discussed, considering the modes of adaptation and the stimuli. 3 credits, 45 conference hours

ENF 434 Theories and Administrative Practices in Nursing Services (Prerequisites: ENF 341, ENL 341, ENF 342, ENL 342, ENF 301, ENL 301, ENF 349, ENL 349, ENF 402, ENL 402, ENF 440, MCO 250. Corequisites ENF 480, ENL 434)

Discussion of theoretical frameworks and fundamental concepts of management practice such as: group, leadership, evidence-based practice, decision making; change process, organization; teaching-learning and critical thinking. The student applies his/her skills and knowledge to practice as a leader of the nursing team in different health scenarios. He or she integrates the theoretical aspects of the course and Sister Callista Roy's adaptive theory with the practical experience of participating in the in-service learning modality at the hospital agency. Credits: 3 credits, 45 conference hours

ENF 440 Community Health (Prerequisites: ENF 301, ENL 301, ENF 349, ENL 349; Corequisites: ENF 402, ENL 402, ENL 440)

This course provides the student with the knowledge necessary to promote the adaptation process of the individual, family and community. It covers nursing roles in health promotion, health maintenance, disease prevention, and rehabilitation through the nursing process and Sister Callista Roy's theory of adaptation in the community. Different situations, interventions, and evidence-based practice literature are studied so that the student can relate to established real-world work situations 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 providing services to the community. In addition, it allows you to develop a sense of social awareness and responsibility, while strengthening the 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, 45 hours of lecture.

ENF 480 - Integrated 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; Corequisites: 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 the aspects of critical thinking, research, trends and controversies of the profession, interdisciplinary communication, technological advances, security, and image of the nursing professional. It emphasizes values and value-based behaviors as a member of a profession. It analyzes the theoretical and programmatic controversies of professional nursing and health care practice based on evidence, cultural diversity, and research. Emphasizes the development of the nurse practitioner that encompasses lifelong learning, social and gender controversies, and exemplifies the values of the profession. 3 credits, 45 conference hours.

ENL 206 - Physical Assessment (Prerequisite: BIO 102, ENF 101; Corequisite: ENF 206)

In this course the student develops the essential skills of estimating physics. Students apply the knowledge gained by using critical thinking and specific techniques in performing the health history and physical assessment of the adult client, at various stages of growth and development. They use their findings to identify adaptive problems and ineffective behaviors to establish nursing diagnoses, goals, and interventions by planning the client's care and using the nursing process to provide excellent holistic care. 1 credit, 45 hours of practice.

ENL 301 Maternity - Clinical (Prerequisites: ENF 342, ENL 342; Corequisites: ENF 301, ENF 349, ENL 349)

This course develops the student's clinical skills necessary to provide excellent care for the pregnant family. Emphasis is placed on skills related to the complicated pregnant mother, patient during the birthing and postpartum (s/s or vaginal) process and immediate and inpatient neonatal care. 4 credits (30 hours of skills lab and 120 hours of practice).

ENL 341- Medical and Surgical 1 - Clinical (Prerequisites: ENF 101 or 102, ENL 101, BIO 204; Corequisites: ENF 231, ENF 341)

The course provides practical experiences in nursing care that consider 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 who suffer from neoplasms. The practice promotes adaptation by applying the nursing process. 4 credits, (30 hours of skills lab and 120 hours of practice)

ENL 342 Medical and Surgical 2 - Clinical (Prerequisites: ENF 341, ENL 341, ENF 206, ENL 206, ENF 230, ENF 231; Corequisites ENF 342)

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 the adult and the elderly. Emphasizes physiological modes of

oxygenation, neurological, sensory, and endocrine promoting interprofessional relationships, research findings, and providing quality care and safety. It facilitates adaptation by applying ethical-moral and legal aspects when using the nursing process. 4 credits, (30 hours of skills lab and 120 hours of practice).

ENL 349 Mental Health - Clinical (Prerequisites: ENF 342, ENL 342, PSI 201; Corequisites: ENF 349, ENF 301, ENL 301)

In this course, the student's clinical experiences will be in an acute and/or community setting. The student has the opportunity to conduct comprehensive client assessments, plan and implement care, and develop therapeutic communication skills with clients, family, and interprofessional team. Clinical practice requires students to participate in activities outside of the course schedule and university facilities, and time must be allotted to accomplish these activities. It emphasizes student participation in research projects that are developed in external community organizations through the modality of service learning. Credits: 3 credits, 120 hours of practice

ENL 402 Pediatrics - Clinical (Prerequisites: ENL 341, ENL 342, ENF 301, ENF 349, ENF 402; Corequisites: ENF 402, ENF 440, ENL 440)

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. Emphasis is placed on disease prevention, health promotion and child rehabilitation based on 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 a tool for nursing care considering the aspects: ethical-legal, social, moral, spiritual and values. The application of the nursing process in the child who experiences maladaptive behaviors from the neonatal stage to adolescence is discussed, considering the modes of adaptation and the stimuli. 4 credits (30 hours of skills lab and 120 hours of practice)

ENL 434 Theories and Administrative Practices in Nursing Services - Clinical (Prerequisites: ENF 341, ENL 341, ENF 342, ENL 342, ENF 301, ENL 301, ENF 349, ENL 349, ENF 402, ENL 402, ENF 440, MCO 250; Corequisites ENF 434, ENF 480)

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; change process, organization; teaching-learning and critical thinking. The student applies his/her skills and knowledge to practice as a leader of the nursing team in different health care settings. He or she integrates the theoretical aspects of the course and Sister Callista Roy's adaptive theory with the practical experience of participating in the in-service learning modality at the hospital agency. 3 credits, 120 hours of practice.

ENL 440 Community Health - Clinical (Prerequisites: ENF 301, ENL 301, ENL 349, ENL 349; Corequisites: ENF 440, ENF 402, ENL 402)

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. It develops nursing roles in health promotion, health maintenance, disease prevention and rehabilitation by applying the nursing process and

Sister Callista Roy coping theory in the community. The student has the opportunity to analyze and discover different situations and alternative interventions, applying the findings of evidence-based practice research, to relate to established real-life problems and understand how the individual, family and community adapt to their environment. These experiences facilitate the development of ethical-moral and legal concepts when providing services to the community. In addition, it allows you to develop a sense of social awareness and responsibility, while strengthening leadership, self-esteem, and self-confidence. It uses decision-making in problem solving and collaborative and teamwork skills. 2 credits, 90 hours of practice.

ESP 124 - Film and Literature

Study of literary texts that have been taken to the cinema. It examines the transformation of the written image to the visual image with emphasis on the theoretical, technical, and thematic aspects of both genres. Texts from Spanish, Latin American and Caribbean literature and cinema will be analyzed. 3 hours per week, 1 semester, 3 credits.

ESP 216 - Puerto Rican Literature II

Development of 20th Century Puerto Rican Literature. Analysis of literary movements and outstanding works by representative authors. 3 hours per week, 1 semester, 3 credits.

EXP 100 - The Panorama of the Visitor's Economy

This course is a general approach to the study of tourism as a system and activity: why do people travel, who are the tourists, what are the products and services offered, what is the role of intermediaries, what are the tourist spaces and tourism infrastructure, as well as its impacts, challenges and opportunities are some of the issues addressed. In addition, tourism organizations of global relevance are examined, and the statistical sources of the industry are analyzed. The principles and concepts are related to the practical part, paying attention to new trends and the role of technology. The student will develop full knowledge of the tourism sector and its operation to identify new development opportunities. 3 hours per week, 1 semester, 3 credits.

EXP 150 - The Economy of Events and Experiences

This course analyzes the concept of events associated with the experience economy. Its objectives, functions and different typologies and opportunities for innovation are explored through the recognition of market needs and trends. Therefore, the experience of the consumer of events is analyzed. In addition, the role of events as promoters and branding and as persuasive elements that impact local and international audiences are explored. Its impact is also approached from an economic, cultural, and social perspective. Through the theory and research, the student's understanding of the events as an industry and its importance. 3 hours per week, 1 semester, 3 credits.

EXP 225 - Design and Development of Experiences (Prerequisite: EXP 150)

This course addresses the concept of experience design 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 with the support of practical exercises and case studies, the student learns about the contexts of tourism management and their participation, 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 hours per week, 1 semester, 3 credits.

EXP 275 - Image, Branding 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 destination management. Likewise, it focuses on the strategy and brand direction of the destination (place branding) and its operative part to achieve a differentiation of the competition and a good positioning through its image. With the help of a theoretical and empirical perspective, the course provides the student the mechanisms for a better understanding of tourist destinations, their functions and marketing. 3 hours per week, 1 semester, 3 credits.

EXP 290 - Opportunities Seminar I (Prerequisite: EXP 100)

This is the first of two seminars on specific topics in the field of experiences and tourism. Issues are presented as an opportunity to deepen and research different types of experiences, mainly within tourism, and their historical development and theoretical framework. The analysis emphasizes on products / services, forms, management, policies, scopes, tourists, and markets, examining aspects ranging from motivation to experience in situ. Trends are identified and the possibilities of their future are glimpsed while considering their impact, the debates they generate and their relationship with the local community and the environment. All this through the theoretical framework and the help of examples based on the reality of different tourist destinations both locally and internationally. This course consists of tourism subsegments and the production of experiences that include: cultural tourism, festivals, sporting events, recreational activities, meetings and conventions, and adventure tourism, among other trends and practices. 2 hours per week, 1 semester, 2 credits.

EXP 315 - Event Production (Prerequisite: EXP 150)

This course discusses the creation and management of events. With a more practical approach, the student is provided with the necessary skills and professional knowledge to produce a successful event. Through the study of practical cases, which describe different types of events, essential areas for the realization of these are addressed: design, project management, finance, operations, legal framework, human resources, marketing, and risk control. Through active learning, research and creation are promoted among students. 4 hours per week, 1 semester, 4 credits.

EXP 291 - Seminar on Opportunities II (Prerequisite: EXP 100)

This is the last of two seminars on specific topics in the field of experiences and tourism. Issues are presented as an opportunity to deepen and research different types of experiences, mainly within tourism, and their historical development and theoretical framework. The analysis emphasizes products / services, forms, management, policies, scopes, tourists, and markets, examining aspects ranging from motivation to experience in situ. Trends are identified and the possibilities of their future are glimpsed while considering their impact, the debates they generate and their relationship with the local community and the environment. All this through the theoretical framework and the help of examples based on the reality of different tourist destinations both locally and internationally. This course consists of tourism subsegments and the production of experiences that include cultural tourism, festivals, sporting events, recreational activities, meetings and conventions, and adventure tourism, among other trends and practices. 2 hours per week, 1 semester, 2 credits.

EXP 350 - Innovation and Digital Experience (Prerequisite: EXP 225)

This 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 in support of the tourist experience: artificial intelligence, the digital world, virtual reality, mobile 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 goal is for the student to understand the importance of generating smart destinations and economies through innovation, creativity, and an entrepreneurial spirit. 2 hours per week, 1 semester, 2 credits.

EXP 425 - Tourists and Hosts: Opportunities and Challenges (Prerequisites: EXP 275)

This course examines the motivations and behaviors of tourists in relation to the destinations they visit, products and services and the way they communicate and evaluate their experience. On the other hand, the relationship between tourists and hosts, their challenges and opportunities are explored. The position of the premises in relation to tourism activity and the idea of sustainable tourism as an alternative for communities and for the eradication of poverty are addressed. With the aim of generating a satisfactory and sustainable coexistence, sustainability challenges, legal aspects and public policies regarding tourism are investigated. In the end, the student develops a critical vision about the relationships between tourists and hosts and obtains adequate tools to work on different situations that arise because of their interaction. 3 hours per week, 1 semester, 3 credits.

EXP 390 - Special Topics Seminar (Prerequisites: EXP 275)

This course allows students to address different topics of relevance for the design of experiences with emphasis on the production of events and activities that positively impact tourism activity. The course may include topics on hotel administration, marketing of tourism activity, management, and technical aspects of the production of events and experiences, and legal and public policy aspects, among others. The topics are addressed according to their relevance at the time. 3 hours per week, 1 semester, 3 credits.

FIL 114 - Women Philosophers

An interdisciplinary course that studies the presence, importance and specificity of female philosophical thought and its influence on the conceptualizations and methodologies of the cultural sciences. The main themes and results of her thought are studied through history from antiquity to contemporary times. The presence of women in philosophical thought is analyzed from a triple perspective: the criticism of patriarchal rationality, the thematic and stylistic particularities of feminine discourse in philosophy, and the themes and characteristics of feminine discourse on women as subjects and objects of thought. 3 hours per week, 1 semester, 3 credits.

FIL 122 Philosophy of Art

This course highlights the thematic and historical aspect of philosophical reflection on art, such as the problematic and shaping character of aesthetic thought. It analyzes what distinguishes artistic expression and the relationship between the artist and his work. and critically examines the concepts of "art" and "beauty" from the perspective of aesthetics as a philosophical discipline, among others. 3 hours per week, 1 semester, 3 credits.

FIN 305 - Managerial Finance (Prerequisites: CON 120)

Introduction to business financial management, with emphasis on the corporations. Study of the theoretical aspects of financial markets, their instruments, intermediaries, and institutions. Financial asset valuations models are discussed as well as interest and returns. The most common financial policies in investment and business financing are analyzed. Discussion of typical problems in the administration of the organization's funds. 3 hours per week, 1 semester, 3 credits.

FIS 203 - General Physics I (Prerequisite: MAT 201)

This is a theoretical and experimental physics course that uses active learning methodology for science students to acquire knowledge of 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, rigid body equilibrium and fluid mechanics. 3 hours per week, 1 semester, credits.

FIS 204 - General Physics II (Prerequisite: FIS 203)

This course is a continuation of General Physics 1, this course is also developed in a theoretical and experimental manner where active learning methodology is used for

science students to acquire knowledge about oscillations and waves, geometric optics, as well as the electromagnetic nature that are described as follows: Oscillations and waves, principles of electricity and magnetism, electric force and potential, Law of Gauss, 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. 3 hours per week, 1 semester, 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 elaboration and evolution of ancient methods and how they are used today. In addition, it presents examples that document the most important photographic styles and contributions of photography masters, from Joseph Nicéphore Niépce to the present day. 3 hours per week, 1 semester, 3 credits.

FOT 115 - Negative, Impression and Its Digital Application

Study of the theoretical and technical principles of black and white photography and its implementation in the 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 techniques of revealing and printing, and the aesthetic appreciation of photographic works. This course requires a minimum 80-hour laboratory. Every student must have access to a DSLR camera with manual measurement system, and image capacity of 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 210 - Digital Language (Prerequisite: FOT 115)

A global view of the history of photography, and its transition into the digital age. Students will learn the appropriate use of cameras and photographic accessories. Also, the application of fundamental techniques in the digital photographic process and the development of basic and secure digital editing skills and storytelling. This course requires laboratory, and at least 80 hours of work. Every student must have a DSLR camera with a manual measurement system, and an image capacity of over 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 215 - Lighting for Still Image (Prerequisite: FOT 210)

This course combines theoretical and practical aspect of techniques and equipment used in the creation of still images. Students will learn how to work with natural lighting, tungsten light, HMI, LED and electronic flash, indoors and outdoors. Emphasis on the elaboration of corporate portraits, talents, and small products. Development of the aesthetic, practical and professional appreciation of commercial, corporate, and personal photography. This course requires laboratory work. Every student must have a DSLR camera with manual measurement system, and over 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 310 - Digital Imaging (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 for the elaboration of digital photographs and photo montages 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. This course requires a minimum 80-hour laboratory. Every student must have access to a DSLR camera with manual measurement system, over 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 315 - Contemporary Documentalism (Prerequisite: FOT 215)

Basics on the history of documentary photography and its role in contemporary society. Application of conceptual and practical elements for the creation of both print and digital editorial content. It encourages research for the development of visual stories that, in addition to speaking, deepens the social reality of a given group and their ways of life. Document someone's day-to-day or purpose-specific day-to-day, looking for the causes and consequences of what they're portraying. It emphasizes the appropriate use of cameras, accessories, and techniques in multiple styles of documentary coverage scenarios. This course requires a minimum 80-hour laboratory. Every student must have access to a DSLR camera with manual measurement system and an image capacity of over 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 320 - Creative Imagery

This course discusses the practical, technical, and creative development in the elaboration of artistic, commercial, corporate, editorial and documentary images, to tell a story. Basic use of natural light, tungsten light, small flashes, strobes, and Kino-Flo lights, outdoors and in the photographic studio. A portfolio is developed. This course requires a minimum 80-hour laboratory. Every student must have access to a DSLR camera with manual measuring system with a capacity of over 12 megapixels and a manual electronic flash. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FOT 410 - Documentary with Moving Image (Prerequisite: FOT 320)

Knowledge about the evolution of moving images from analog to digital format. Development of audio and movement skills and techniques so that students can apply them on a professional level in different areas such as news, advertising, commercial and public relations. Emphasizes on the basic knowledge a professional photographer requires to carry out the filming, editing, writing and communication of a story in different digital platforms. This course requires a minimum 80-hour laboratory. Every student must have access to a digital video camera (DSLR or Camcorder) with external microphone input, with manual functions and Optical Zoom capability for remote shooting; microphones, hearing aids; tripod and external hard drive. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

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 a photography study. Creative application of natural light and artificial light for portraits, talents, products, publishing, among others. Elaboration of a portfolio. This course requires a minimum 80-hour laboratory. Every student must have access to a DSLR camera with manual measurement system, and an image capacity of over 12 megapixels. 3 hours per week, 1 semester, 3 credits, 80 lab hours per semester.

FRA 101 - Introduction to French I

The main objective of this course is to develop the basic skills of the language: comprehension, reading, oral and written expression. It is taught in French from the beginning to emphasize the conversational aspect. The aim is to introduce students to the cultural complexity of France, as well as other French-speaking countries which, due to their proximity, are part of our immediate universe. Basic grammar fundamentals are discussed, as well as dialogue and paragraph readings, and exercises in vocabulary and communication activities. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

FRA 102 - Introduction to French II (Prerequisite: FRA 101)

The main objective of this course is to continue the development of basic language skills: comprehension, reading, oral and written expression. It is taught in French from the beginning to emphasize the conversational aspect. It is intended to introduce students to the cultural complexity of France, as well as other French-speaking countries that, due to their proximity, are part of our immediate universe. Basic grammar fundamentals are discussed, as well as dialogue and paragraph readings, and vocabulary exercises and communication activities are carried out. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

FRA 103 - Intermediate French I (Prerequisite: FRA 102)

The aim is to broaden the knowledge of the language through the active application of grammar and the structural and syntactic elements it comprises. Through oral and written composition, greater skills will be developed in the organization of ideas and vocabulary will be enriched. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

GEO 201 - Political Geography

Studies and analyzes political relations from a geographical perspective. It defines the fundamental geographical concepts of space, place and territory and their relationship with the exercise of power and the application of political principles. It emphasizes the development of the concepts of State and Nation, their differences and how both influence international politics. 3 hours per week, 1 semester, 3 credits.

GME 101 - Principles of Marketing

Marketing study as a human activity aimed at satisfying consumer needs through a process of economic, social, cultural, psychological, and political exchange, which

affects all types of organizations. The role of organizations and individuals as participants in this process is discussed. This course entails a fee for the use of a computer lab. 3 hours per week, 1 semester, 3 credits.

GME 202 - Consumer Behavior (Prerequisite: GME 101)

The course focuses on the study of factors affecting the decision-making process of consumers and entrepreneurs within a market. Those variables that influence consumer behavior are analyzed, for example: demographic, social, economic, psychological, and cultural variables. By their behavior we understand their purchase 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. From the point of view of the entrepreneurs, the process is analyzed to make decisions that allow them to respond to the needs, tastes and preferences of the consumers. They take into consideration their financial expectations and the competitive nature of the industry in which they operate for the development of their marketing strategies. The course emphasizes the analysis of the factors that influence their relationship (consumer-entrepreneurs) to design, plan and implement successful marketing strategies that are aligned with the business plans of the organizations. The students explore how perceptions, learning, memory, personality, and attitudes influence consumer behavior, how they change during the life cycle of a consumer and product, and how powerful cultural and subcultural can be on products. 3 hours per week, 1 semester, 3 credits.

GME 400 - Strategic Marketing (Prerequisite: GME 202)

This is a course where the goal is to develop in the student the ability to think strategically and seek long-term solutions to marketing problems through data analysis and evaluation of the environment in which organizations operate. The course focuses on identifying and aligning marketing strategies with existing and projected business priorities, needs, and conditions. 3 hours per week, 1 semester, 3 credits.

GME 410 - Marketing and Export of Services (Prerequisite: GME 202)

Study of the application of marketing concepts to the service sector. Importance is given to the function of the elements of the marketing mix and the characteristics of the services. Special topics are discussed, such as: marketing of health services, professional services, banking, tourism, sports, among others. 3 hours per week, 1 semester, 3 credits.

GME 411 - Marketing Analytics (Prerequisite: GME 400)

The Marketing Analytics concept will help us to understand how to use data analysis to gain information and market to individual customers. Many companies have extensive information about consumer tastes and interests and how they react to marketing campaigns, but few companies have the experience to act intelligently on information. In this course, students will learn the scientific approach to marketing with the use of databases, analysis, and information systems to collect, analyze and make information-based decisions. 3 hours per week, 1 semester, 3 credits.

GME 420 - Marketing Management (Prerequisite: GME 400)

Study of the management phase of marketing in the formulation of objectives and strategies applicable to each of the elements of the marketing mix, namely: product, price, promotion, and distribution. This course focuses on the use of the theoretical and analytical tools applied to real situations and simulated in organizations. The effectiveness of the resources that complement the tools of the marketing, such as: organizational structure, resources human resources, competitive environment, and customer service. 3 hours per week, 1 semester, 3 credits.

HIS 212 - Development of the Puerto Rican Nation

An overview of the historical process of Puerto Rico with special emphasis on the social, economic, and political aspects of the 19th, 20th, and early 21st centuries. Topics such as the genesis of nationality, the laws that forged the Puerto Rican state, ideologies and political parties in Puerto Rico, and the future in a society that has not achieved a consensus regarding its political definition are analyzed. 3 hours per week, 1 semester
3 hours per week, 1 semester, 3 credits.

HIS 339 - Society and Culture of U.S.

This course provides an overview of the historical and socio-cultural development of the United States of America from its colonial origins to the present. The topics of colonial society and culture, the Revolution and independence, the capitalist society of the North versus the slave-owning aristocracy of the South, the great migratory waves, the United States as a world superpower, the relationship between economic and socio-cultural development of the nation, as well as cultural manifestations in the different epochs are analyzed. 3 hours per week, 1 semester, 3 credits.

HUM 130 - Love: Its Historical Perspective

A panoramic view of the practice and conception of love throughout human history, from antiquity to the present. The course presents the way in which human beings have manifested their feelings towards their partners. Famous romances in human history from ancient times to the present are studied. On the other hand, famous mythological narrations are discussed where love was an important theme and, the way in which this theme has been treated in universal literature. 3 hours per week, 1 semester, 3 credits.

INF 110 - Computing

Study of the most important aspects of data and information in business organizations and society in general. The course presents how the 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 handling of information through computerized systems is presented. It emphasizes the impact of computer technologies by integrating pre-programmed packages such as electronic worksheet as tools for research and presentation of results. This course entails a fee for the use of a computer lab. 2 hours per week, 1 semester, 2 credits.

INF 120 - Algorithms and Creative Programming

Introduction to Computer Science and the application of digital technologies: impact of information technology on society, the Internet and the Web2.0, 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. Studying the basic elements of an object-oriented language, such as basic data types, objects, classes, control structures, and methods (routines). Scheduling jobs are required. The course provides experiences for strengthening communication skills. 4 hours per week, 1 semester, 4 credits.

INF 125 - Creative Programming and Problem Solving (Prerequisite: INF 120)

Continuation of the COURSE INF 111. Classes, objects, and inheritance are studied. New elements of structured programming such as fixes, records, archives, and pointers are studied. Concepts of abstract types of data. Recursion is discussed. Some search and sorting algorithms are introduced. 4 hours per week, 1 semester, 4 credits.

Classes, objects, and inheritance are studied. New elements of structured programming such as arrays, files, and pointers to build linked lists are studied. Concepts of abstract data types. Recursion is discussed. Fundamental searching and sorting algorithms for aggregate data structure processing are introduced.

INF 201 - Data Structure (Prerequisite: INF 125)

Different data structures and their implementations are studied under the object orientation methodology. Stowages, queues, and trees are included from the perspective of abstract data types (ADTs). Programming resources for the processing of such structures are also studied. Programming projects using an object-oriented language are required. 3 hours per week, 1 semester, 3 credits.

INF 252 - Introduction to Databases (Prerequisite: INF 125)

Basic of data bank systems including topics such as redundancy, storage structures, relational model, functional dependencies, keys, and normal shapes. Discussion of attendance, recovery, integrity, and security. A programming project using a Data Bank Manager (DBMS) is required. The course has an online component in addition to face-to-face sessions. 3 hours per week, 1 semester, 3 credits.

INF 385 - Mobile Devices Programming (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. A design, development, and "deployment" project of a mobile app is required. 3 hours per week, 1 semester, 3 credits.

ING 124 - Film and Literature

Study the complexity of the interrelationship between film and literature as a means to develop a more critical sense of film and literary analysis. They study the ethical values in the reading discussions and in the essays that are written in the course. 3 hours per week, 1 semester, 3 credits.

ING 131 - Gothic Tales of Fantasy, Horror, and the Supernatural

In this course students discuss topics of universal interest from the literary world of Gothic tales from the classical to the contemporary. The factors that significantly influenced this literary branch are analyzed, such as: the religious, social, and historical. Ethical values are presented in the reading discussions and in the essays that are written in the course. 3 hours per week, 1 semester, 3 credits.

ITA 101 - Basic Italian

Study the grammatical foundations of the Italian language using different readings and grammar exercises. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

ITA 102 - Intermediate Italian I (Prerequisite: ITA 101)

This course continues the presentation of the grammatical foundations of the Italian language using different readings and grammatical exercises. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

ITA 103 - Intermediate Italian II (Prerequisite: ITA 102)

Development of oral and written communication in Italian Basic study of Italian culture, art, and literature. This course includes a laboratory. 3 hours per week, 1 semester, 3 credits.

MAT 133. Pre-Calculus I (Prerequisite: MAT 102 or MAT 108)

The Pre-Calculus I course is a theoretical and practical course for all natural science programs. It emphasizes the concept of function, relationship, and graphics. Study of polynomial, rational, exponential, and logarithmic functions. It studies the properties of functions, the transformations of functions and their applications. Emphasis on problem solving. The purpose of the course is to lay the analytical and geometrical foundations necessary for the study of differential and integral calculus. 3 hours per week, 1 semester, 3 credits.

MAT 134. Pre-Calculus II (MAT 133 Prerequisite)

The Pre-Calculus II course, a continuation of Pre-Calculus I, is a theoretical and practical math course for Natural Science programs. It includes the study of functions such as systems of equations, sequences and series, trigonometric functions, analytical 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 hours per week, 1 semester, 3 credits.

MAT 201 - Calculus (MAT 134 Prerequisite)

This is a theoretical and practical course that develops analytical skills in the student at the Natural Science school. The course deals with differential calculus and basic integration in one variable. In this one the following concepts are touched: Limits, Derivatives and their applications, Indefinite and defined integration, Fundamental Theorem of Calculus and introduction to the differential equations. The purpose of the

course is to establish the tools of differential and integral calculus necessary for the advanced study of the natural sciences. 5 hours per week, 1 semester, 5 credits.

MAN 101 - Basic Mandarin 1

This course introduces the grammatical foundations of the Mandarin language using different readings and grammar exercises. This course includes a laboratory. 3 hours per week, 1 semester, 1 hour of laboratory per week, 3 credits.

MAN 102 - Basic Mandarin 2 (Prerequisite: MAN 101)

This course gives continuity to the introduction of the grammatical foundations of the Mandarin language using different readings and grammatical exercises. This course includes a laboratory. 3 hours per week, 1 semester, 1 hour of laboratory per week, 3 credits

MAN 103 - Mandarin Chinese 3 (Prerequisite: MAN 102)

This course offers the student the opportunity to continue to develop the skills acquired in the Basic Mandarin Chinese I and II courses by learning additional vocabulary using the "pinyin", conversational and writing practices of the Chinese radicals. This course includes a laboratory. 3 hours per week, 1 semester, 1 hour of laboratory per week, 3 credits.

MAN 104 - Mandarin Chinese 4 (Prerequisite: MAN 103)

This course will offer the student the opportunity to continue to develop the skills acquired in Mandarin Chinese I, II and III courses by learning additional vocabulary using the "pinyin", conversational and writing practices of the Chinese radicals. This course includes a laboratory. 3 hours per week, 1 semester, 1 hour of laboratory per week, 3 credits.

MUS 103 - Musical Ensemble I

Study and musical interpretation from Musical Literature in Antiquity to Contemporary Musical Literature. As part of the course, students make presentations at public concerts. This course entails a fee. 3 hours per week, 1 semester, 1 credit.

MUS 105 -Forum Performance I

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. 2 hours per week, 1 semester, 1 credit.

MUS 110 - Forum Performance II (Prerequisite: MUS 105)

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. 2 hours per week, 1 semester, 1 credit.

MUS 131 - Rudiments of Music (Prerequisite: MUS 105)

Introductory course of musical rudiments, in which students begin to acquire knowledge of theory and music theory, addressing the understanding of the main components of tonal music and their interrelation: melody, acoustic space and rhythm in harmonic contour. 3 hours per week, 1 semester, 3 credits.

MUS 104 - Musical Ensemble II (Prerequisite: MUS 103)

Study and musical interpretation from Musical Literature in Antiquity to Contemporary Musical Literature. As part of the course, students make presentations at public concerts. This course entails a fee. 2 hours per week, 1 semester, 1 credit.

MUS 210 - Performance Forum III (Prerequisite: MUS 110)

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. This course entails a fee. 2 hours per week, 1 semester, 2 credits.

MUS 231 - Foundations of Musicianship I (Prerequisite: MUS 110)

Intermediate musical theory course in which students begin to develop full musical mastery by adding the study and analysis of the compositions associated with the harmonic techniques that appear in the musical literature at the beginning of the 20th century. 3 hours per week, 1 semester, 3 credits.

MUS 241 - Theory and Analysis of Music

Introduction course to the concepts and important elements of harmony and its current use in the composition, interpretation, and analysis of works. Extends the teaching and practice of the basic chords of major and minor scales and their use in harmonization. 3 hours per week, 1 semester, 3 credits.

MUS 243 - Forum Performance IV (Prerequisite: MUS 210)

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. 2 hours per week, 1 semester, 2 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 the harmonic techniques that appear in the musical literature of Modernity. 3 hours per week, 1 semester, 3 credits.

MUS 242 - Theory and Analysis of Music II (Prerequisite: MUS 241)

In this course we study the basic rules of harmonic links, their origin and development over the course of history and the use of more extensive knowledge of theory and theory, such as: blues scales, whole tones, Greek modes, and modern chords with their different variants of four voices onwards. 3 hours per week, 1 semester, 3 credits.

MUS 310 - Forum Performance V (Prerequisite: MUS 243)

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. 2 hours per week, 1 semester, 2 credits.

MUS 341. Theory and Analysis of Music III (Prerequisites: MUS 241)

Study and analysis of the main theoretical models and compositional characteristics in the Musical Theater, Cinema, Broadway, Disney, and Modern Sacred Music during the twentieth century to the present. 3 hours per week, 1 semester, 3 credits.

MUS 251 - History of Music: from Ancient to the Baroque

Vision of the development of musical arts, from Antiquity, music in the Medieval era, the Renaissance and culminating in the Baroque. At the same time, the dominant ideas, the most significant events and the socio-cultural reality that is reflected through music, in the different philosophies and epochs are presented in the course. 3 hours per week, 1 semester, 3 credits.

MUS 322 - Performance Class and Forum VI (Prerequisite: MUS 310)

Platform in which students present weekly to their peers the musical works that are working in the musical performance laboratories. Pedagogical and artistic aspects associated with performance practice are addressed. 2 hours per week, 1 semester, 2 credits.

MUS 405 - Music History: from Classical to Modernity

Historical tour of western music and the composer's representative of the Classic, Romantic and Contemporary historical periods. Emphasis is placed on the development of the most important musical forms: sonata form, symphony, concert, symphonic poem, art song, opera, chamber music, musical theater. 3 hours per week, 1 semester, 3 credits.

PAV 110 - Narrative Influences

This course examines the history of storytelling technique and the creation of original worlds to learn from film genres, global cinema, analysis the structure of the history and the script, creative writing, writing for television and media, literature, and cinema, as well as storytelling for social anthropology. It is aimed at students who want to learn about storytelling and transmedia, by reviewing the various ways in which filmmakers have told stories since the beginning of film and the change that has meant the digital age and distribution platforms for collaboration with other art forms, diverse disciplines, and diverse means of distribution. 3 hours per week, 1 semester, 3 credits.

PAV 112 - The Art of Storytelling (Prerequisite: PAV 110)

Our lives are full of stories 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 programs, advertisements, TV series, animations, music videos, podcasts, video games, among

others. What do all these 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 various impactful audiovisual narratives for a variety of platforms. 3 hours per week, 1 semester, 3 credits.

PAV 220 - Composition and Visual Narrative (Prerequisite: PAV 112)

Theory and practice for image capture, visual composition, and camera management. Strategies for image acquisition as well as visual composition for audiovisual production for various media. Learning the techniques and tools for narrative and visual aesthetics. Handling digital image information, data archiving and transfer. 4 hours per week, 1 semester, 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 hours per week, 1 semester, 4 credits.

PAV 320 - Art and Technical of Edition

Audiovisual editing theory and technique. Origin and historical development of the edition. Fundamental principles of audiovisual narrative. Basic elements of the image and sound editing process. Introduction to the digital editing equipment. Thorough analysis of film editing television and advertising work. Editing practices. 3 hours per week, 1 semester, 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. Creation of projects, from research to execution and distribution. This course applies the learning methodology by serving non-profit organizations promoted by the Community Linking Center. The course is aimed at students of the Audiovisual Production concentration. The course includes a fee for equipment use. 4 hours per week, 1 semester, 4 credits.

PAV 420 - Audiovisual Script Development (Prerequisite: PAV 321)

The script is the key document that guides most of the production of audiovisual content, whether it is a radio program, a TV series, a music video, a virtual reality project, a podcast, a movie, an animation, a video game, etc. To achieve a final product of excellence it is necessary that the creator manages the fundamentals and strategies of telling stories audio visually and that he can analyze, rewrite, review, break down and visualize a script before starting the pre-production. This course/workshop provides a series of experiences for the student to learn how to perfect a script and prepare for the pre-production of the project. The student will learn skills to review and rewrite

scripts, make storyboards, create technical scripts and other essential documents, and present their ideas to others in a shocking way. Through discussions, conferences, case studies, creative exercises and individual and group projects, the student will develop a script for the pre-production. 3 hours per week, 1 semester, 3 credits.

PAV 421 - Contemporary Visual Culture

Theory and practice of digital production in which students will develop several short films and transmedia products. It emphasizes script writing and professional forms of production, while designing the transmedia plan on various platforms, while learning from financing and distribution across multiple platforms. In this course students will produce a short, documentary or 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 hours per week, 1 semester, 3 credits.

PER 110 - Reporting from Puerto Rico

The course explains how state and federal institutions work from the point of view of a journalist. The student will learn about the history of the media and the culture of journalism during the past, present and a future perspective through visits to the main media, government agencies, the Capitol of Puerto Rico, municipalities, and courts, among others. 3 hours per week, 1 semester, 3 credits.

PER 111 - Reporting in Words (Prerequisite: PER 110)

To study concepts, values, and structures of the different genres of journalism. Focusing specially on the writing of news, features, stories, articles and for print and digital media. 3 hours per week, 1 semester, 3 credits.

PER 113 - Press: Law and Ethics (Prerequisite: CMU 110)

Introduction to the legislation, jurisprudence, royalties, and ethical standards governing the exercise of journalism. The course covers the scope of constitutional protection to free speech and its limitations, emphasis on freedom of the press, access and request for public information, judicial and legislative coverage, as well as the copyright of texts, audios, and Images. 3 hours per week, 1 semester, 3 credits. 3 hours per week, 1 semester, 3 credits.

PER 220 - Data Journalism (Prerequisite: PER 210)

This course is designed to train students in the ability to analyze data and create visualizations. They will also carry out data search, understanding and analysis of sources. The student will recognize the data sources and will use tools to analyze and visualize them. 3 hours per week, 1 semester, 3 credits

PER 223 - Narrative journalism (Prerequisite: PER 220)

Narrative journalism fuses styles, sequences, and formats in stories. The student will learn about gathering information, the creation and follow-up of the thread and the construction of a text and reporting, considering the innovative trends of the industry. 3 hours per week, 1 semester, 3 credits.

PER 310 - Mobile Journalism and Social Networks (Prerequisite: PER 220)

Introduction to mobile journalism, best practices using applications and other technical considerations, ethics and cybersecurity related to the use of mobile phones as a journalism tool for different types of coverage. 3 hours per week, 1 semester, 3 credits.

PER 315 - Information portals, editorial design, and data visualization (Prerequisite: PER 310)

This communications course aims to develop adequate knowledge and skills to design and publish informative content in a visual way, that can be used on digital and social media, conceptualization, and creation of applicable designs to use on web platforms, and simple web development for pages, sites and web portals of informative nature. During this course, the student will know different types of tools and platforms necessary to exercise designs that are adjustable to the mission of a web page and the necessary steps to convert and / or adapt these designs to an informative web portal, the editorial design, and the use of data visualization. 3 hours per week, 1 semester, 3 credits.

PER 410 - Research Journalism (Prerequisite: PER 315)

Course directed to students of journalism that includes the study of the techniques and methods of investigation, analysis, and journalistic interpretation. Writing of investigative reports, articles of analysis, interpretive articles, and articles of precision. 4 hours per week, 1 semester, 4 credits.

PER 415 - Genres of Opinion (Prerequisite: PER 410)

Application of the genres of opinion in contemporary journalism. The student will write in genres associated with the opinion such as: interpretive chronicle, column, editorial and critical review. They will use the various platforms provided by the multimedia era. 2 hours per week, 1 semester, 2 credits.

PME 220 - Tech, Stage, and Lights

Study of the techniques and procedures related to the stage, lights, and sound areas. Analysis of aspects such as platforms, temporary structures, pyrotechnical effects, assembly logistics and interpretation of plans. Emphasis on OSHA regulations, Fire Prevention Department, labor, and performance requirements for shows. 3 hours per week, 1 semester, 3 credits.

POR 101 - Elementary Portuguese I

Oral and written foundations of the language, considering the Spanish-speaking student. The linguistic, communicative, and cultural aspects of the language are presented and practiced in an integrated manner through a variety of themes, readings and oral and written communicative activities. This course includes a laboratory.

POR 102 - Elementary Portuguese II. (Prerequisite: POR 101)

This course continues the presentation and practice of the fundamental aspects of the Portuguese language. The course integrates all language skills (reading, writing, oral

communication and listening) in communicative contexts using different resources. This course includes a laboratory.

PSI 201 - General Psychology I

This course is a look at the fundamental topics of Psychology as a scientific discipline that explains the construction of the psychological object. Using different approaches of psychological thought, the emphasis is placed on the discussion of the biopsychosocial context that serves as the basis for the development of the discipline. The psychobiological basis of the human being, motivation and emotions, and the learning process and cognition are discussed. 3 hours, 1 semester, 3 credits.

PSI 205 - Social Psychology (Prerequisite: PSI 201)

In this course, we study the human being is made from the perspective of social relations. Moreover, the historical development of Psychology is discussed from the transformations in the methods of production and the prevailing debates in this field. Particular attention is given to the role played by the social psychologist as an agent of liberation and social transformation. 3 hours, 1 semester, 3 credits.

PSI 209 - Human Development Psychology (Prerequisite: PSI 201)

In this course, human development is studied, from conception to death. It emphasizes the examination of physical, cognitive, psychological, emotional, and social aspects of human development, as well as the main theories that explain it. 3 hours, 1 semester, 3 credits.

PSI 303 - Personality Theories (Prerequisite: PSI 209)

In this course, the main theoretical conceptions related to personality formation are analyzed, based on the major theories throughout the history of Psychology. 3 hours, 1 semester, 3 credits.

PSI 306 - Psychopathology (Prerequisite: PSI 303)

This course studies the origin and history of psychopathology and the concept of abnormality throughout human history, as well as the dimensions and stigmas associated with the population receiving mental health services. The development of disorders is also studied using DSM as a basis and discussing its relevance for the study of human behavior. 3 hours, 1 semester, 3 credits.

PSI 311 - Psychology of Gender (Prerequisites: PSI 201, PSI 209, and PSI 205)

Study of issues related to the construction and development of gender as a category of study and its implications on subjectivity. It includes the historical vision of gender psychology, theoretical models that explain its development and controversies from a psychological perspective. The course is oriented to students of psychology and other related disciplines. 3 hours, 1 semester, 3 credits.

PSI 321 - Physiological Psychology (Prerequisites: PSI 209, BIO 101)

This course integrates the biological, anatomical, and physiological perspectives to the study of human behavior. The student is presented with the opportunity to learn more

about the biological and physiological foundations of the human body, the relationship between mind and body, and related current debates. 3 hours, 1 semester, 3 credits.

PSI 413 - Measurement (Prerequisite: PSI 303)

In this course, the theories and techniques of measurement, construction, and test development are studied. The various existing tests, their uses, norms, and characteristics are discussed, with an emphasis on their reliability and validity. 3 hours, 1 semester, 3 credits.

PSI 425 - Correlational and Experimental Research Methods (Prerequisite: PSI 413)

This course encourages the theoretical discussion of science budgets, their research, and their contemporary controversies. Similarly, it involves the study of experimental and correlational methodologies. As a product of the course, the student will develop, from the perspective of Psychology, a research proposal in all its parts. 3 hours, 1 semester, 3 credits.

PSI 455 - Practicum in Psychology (Prerequisites: PSI 205, PSI 303, PSI 425)

Immersion experience in organizations, communities, and real scenarios in which the student becomes familiar with the dynamics of work-around general psychology, well-being, and human development. It is required to have completed all previous courses in the concentration. In addition to the guidance of a professor of the discipline, students are under the supervision of a professional at the immersion centers. 3 hours, 1 semester, 3 credits.

QUI 101 - General Chemistry 1

The General Chemistry course is an introduction to the laws and fundamental 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, how and why a reaction can occur, and how changes in energy result from the interactions of matter. In this first part, we study the properties and structure of atoms and molecules, and their relationship to the periodic table of the elements. In addition, a link is established between chemical reactions, mass relations 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 and analytical skills, and stimulate the development of scientific research. This course is aimed at students concentrating in Chemistry, Biology, Biomedical Sciences, and other sciences allied to health, who are trained to understand the biological and industrial processes of the world around us. This course entails a fee for the use of science lab. 3 hours per week, 1 semester, 4 credits.

QUI 102 - General Chemistry II (Prerequisite: 101)

The General Chemistry course is an introduction to the laws and fundamental 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, how and why a reaction can occur, and how changes in energy result from

the interactions of matter. In this second part, the physical properties of solutions are discussed. In addition, the chemical equilibriums involved in acid-base reactions, precipitation and oxidation-reduction, and the factors that affect the speed with which the reactions occur are studied. 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 and analytical skills, and stimulate the development of scientific research. This course is aimed at students with a concentration in Chemistry, Biology, Biomedical Sciences, and other sciences allied to health, who are trained to understand the biological and industrial processes of the world around us. This course entails a fee for the use of science lab. 3 hours per week, 1 semester, 4 credits.

QUI 205 - Analytical Chemistry: Quantitative Analysis (Prerequisite: QUI 102)

Introduction to the study of classic chemistry analytics methods and the statistical analysis of the obtained data. The theory of gravimetric and volumetric methods, acid-base equilibrium, complexation, oxidation-reduction, and precipitation is studied. The analytical separations and the basic principles of analytical instruments and their applications are also presented. The management of instrumental analytical equipment to perform a reliable quantitative chemical analysis is taught. In addition, students work on the writing and defense of a research proposal. This includes the discussion of ethical aspects related to the handling of data in the laboratory and the report of the results of a chemical analysis. This course entails a fee for the use of the science lab. 3 hours per week, 1 semester, 4 credits

QUI 301 - Organic Chemistry I (Prerequisite: QUI 102)

Study of the atomic and molecular structure of organic compounds. The course covers the aspects related to the concept of isomerism, the kinetic and thermodynamic variables that affect organic reactions are discussed. Substitution, elimination and addition reactions and the mechanisms by which these reactions proceed are studied. The physical and chemical properties of alkanes, alkenes, alkyl halides, alcohols and ethers are studied. The nomenclature, molecular structure, synthesis, and reactions of the compounds belonging to those families are discussed. In this course, web-based resources, conferences, laboratory experiences, and teamwork are used to write a research proposal. This course is aimed at students with a concentration in chemistry and health-related sciences, who are trained to understand the biological and industrial processes of the world around us. This course entails a fee for the use of science lab. 3 credit hours, 1 semester, 4 credits

QUI 302 - Organic Chemistry II (Prerequisite: QUI 301)

Study of aromatic systems, mechanisms of electrophilic aromatic substitution, nucleophilic carbonyl addition, nucleophilic acyl 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. The spectroscopic techniques of ultraviolet-visible, infrared, ^{13}C nuclear magnetic resonance and mass spectrometry for the elucidation of organic compound

structures integrating all these techniques are discussed. In this course, web-based resources, conferences, laboratory experiences, and teamwork are used to write a research proposal. This course is aimed at students with a concentration in chemistry and sciences allied to health, who are trained to understand the biological and industrial processes of the world around us. This course entails a fee for the use of science lab. 3 hours per week, 1 semester, 4 credits

QUI 401 - Physical Chemistry I (Prerequisites: QUI 202 and FIS 203)

Course of physical chemistry developed in a theoretical and experimental form where the active methodology of learning is used so that the students of chemistry acquire the knowledge related to the quantum mechanics and solution of simple problems. Also discussed are topics such as: particle in the box, simple harmonic oscillator, rigid rotor, and hydrogen atom; approximation methods, variation theorem and perturbation theory; systems of polyelectronic atoms and simple molecules; principles of molecular and atomic spectroscopy; kinetic theory of gases and fundamental principles of the kinetics of chemical reactions. 3 hours per week, 1 semester, 4 credits.

QUI 402 - Physical Chemistry II (Prerequisite: QUI 401)

The Physical Chemistry II course uses the 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. This course entails a fee for the use of science lab. 3 hours per week, 1 semester, 4 credits

TEA 111 - Acting I

An introductory workshop to the art of acting. Students are presented with basic concepts about the use of body and voice, theater, discipline of the actor, and different processes of analysis of the texts that will be performed. This course carries a fee for the use of the theater workshop space. 3 hours, 1 semester, 3 credits.

TEA 120 - Acting II (Prerequisite: TEA 120)

Advanced acting workshop. The analysis of librettos, the rehearsal and memorization process, and the challenges faced by an actor are practiced. The student is prepared to act monologues, share the scene, and improvise. Emphasis is placed on the construction of stories and characters. This course entails a fee for the use of the theatrical space. 2 hours, 1 semester, 2 credits.

TEA 121 - Theater History I

In this course, the historical trajectory of theatrical art is studied from its origins in Ancient Greece to the English Restoration. Authors, works, styles, genres, and theories about the theater and dramatic literature of this period are analyzed. 2 hours, 1 semester, 2 credits.

TEA 122 - Theater History II (Prerequisite: TEA 122)

This course studies the evolution of theatrical art from the English Restoration to the present day. Outstanding dramaturgical movements, the boom of the scenery, the

development of closed spaces, new authors, and more representative works from each period are analyzed. The emerging figures of the director, the designer, and the entrepreneur, among others, are included in the discussion. 2 hours, 1 semester, 2 credits.

TEA 210 - Physic Expression (Prerequisite: TEA 111)

Introductory course to the art of mimicry and body expression, based on physical floor exercises, mimicry, gesture, gesturing, and movements that help develop the ability human beings have to communicate through their bodies and without the need for speech. 2 hours, 1 semester, 2 credits.

TEA 215 - Theater Diction

In this course, the elementary techniques of the art of good pronunciation, the process of human sound formation, and the projection of the voice for the theatrical presentation are studied. Emphasis is placed on speech, phonation, articulation, and intonation exercises. This course carries a fee for the use of the theater workshop space. 2 hours, 1 semester, 2 credits.

TEA 230 - Production Workshop I (Prerequisite: TEA 120)

In this workshop, students work on the staging of a theatrical piece. The skills and knowledge learned in previous courses up to this level are applied. The active participation of students in rehearsals and activities outside the course schedule is required. This course carries a fee for the use of the theater workshop space. 2 hours, 1 semester, 2 credits.

TEA 325 - Theory and Theatre Critique

From the theories of representation, cultural studies, and performance studies, different montages are analyzed in this course. Emphasis is placed on the representations of the body, content, space, aesthetic decisions, communities involved, and representations of identity (race, gender, sex, and class) in the pieces studied, within a specific historical, social, political, and economic context. 3 hours, 1 semester, 3 credits.

TEA 330 - Improvisation and Theatrical Games

In this course different theatrical games are used to stimulate student creativity, collective creation, and theater as an educational and social change instrument. Cultural groups, theorists and artists who contributed to the creation of new forms of representation for educational and community benefits are studied. The student continues to develop his voice and body, as well as basic concepts of direction and dramaturgy. This course entails a fee for the use of the theater workshop space. 3 hours, 1 semester, 3 credits.

TEA 361 - Advance Acting

This course is a workshop on the technique and art of acting for film and television. It covers the study of basic techniques of acting on camera, characterization of film characters and staging of short pieces. As film and television acting is a different

technique from the theatrical one, it has no prerequisite and can be taken by both inexperienced beginners and prepared theater actors. This course entails a fee for the use of technical equipment from the Communication Center 3 hours, 1 semester, 3 credits.

TEA 391 - Production Workshop II: Alternate Spaces (Prerequisite: TEA 230)

This workshop reflects on how theatrical art can give voice to and represent the most marginalized sectors of society. Students will work on an artistic collaboration with a community outside the university. Through the rehearsals and final staging of a play in a non-traditional space, the knowledge and skills acquired in previous courses are applied. The active participation of students in rehearsals and activities outside the course schedule is required. This course carries a fee for the use of the theater workshop space. 3 hours, 1 semester, 3 credits.

TEA 410 - Dramaturgy Workshop

In this workshop, students experiment with the different components of theatrical writing: action, conflict, dialogue, and character building. This course proposes to the student to construct different ways of telling stories considering and questioning the current representations and constructions of identity and their possible social effects. It is aimed at those interested in developing the writing of theater, cinema, television, novel and other literary genres. At the end of the course, the student must have finished a work of an act. 2 hours, 1 semester, 2 credits.

TEA 425 - Scenic Direction (Prerequisite: TEA 120, TEA 215 and TEA 210)

This course is a theoretical and practical study on theatrical direction and the formation and evolution of the figure of the director. The fundamental principles governing the scenic direction are analyzed. At the end of the course, students will present a brief management job that they will share with the university community. This course entails a fee for the use of the theater workshop space. 2 hours, 1 semester, 2 credits.

TEO 208 - World Religion and Influence on Western Culture

Study of the human being, of his questions and of the answers given by the great religions of the World. Rediscovery of the figure of Jesus of Nazareth and the church that is based on Him.

TEO 213 - Prophets and Revelation

Study of the different forms of biblical literature: Narrative, prophetic, historical sapiential and apocalyptic.

TEO 214 - Jesus of Nazareth and His Message

Reflection of the life and message of Jesus of Nazareth from the stories of the Gospels. The study of the Gospels is an essential part of the theological formation of every Christian who wishes to deepen the foundations of his faith. We intend to make an exposition of the facts referring to the life and message of Jesus of Nazareth, which constitute the center of the history of salvation.

TEO 228 - Morality

Following Jesus Morality. The person as a fundamental ethical reality: to be - in relationship capable of responding freely to God's plan by opting for the values of the Kingdom. The course will have two main sections: Fundamental Morality and Morality of the Person in which the morality of life and the morality of human relationships will be discussed.

TEO 231 - The Ethical Leadership of JESUS

The course provides the opportunity to integrate the beliefs and concepts of ethics and morals into the thinking and acting of a person who wishes to live his leadership in the style of Jesus of Nazareth. It presents the ethical vision of Jesus of Nazareth and reflects on the changes that our times pose in the foundation of the Kingdom of God.

TEO 236 - Spirituality and Integral Human Development

The course aims to make known and experience the connection that exists between spirituality and integral human development as a path of search and happiness for people. For the development it recognizes and uses the interdisciplinary contributions of culture and society, biology (the brain), evolutionary and transpersonal psychology, spiritual intelligence, and religious traditions. Emphasis in Christianity is on Jesus of Nazareth, the fully human and fully 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.

TEO 330 - Puerto Rico and its Religious Beliefs

The religion in the Puerto Rico of yesterday and today Panoramic vision of the religious processes in the development of the faith of the Puerto Rican people. In addition, ethical values such as honesty, social commitment, justice, and equity are encouraged in the presentations and discussions of the thematic content of the pronouncements.

TSO 210 - The Social Work Profession: Debates and Dilemmas

This course is an introductory one to the Social Work profession with emphasis on the description and analysis of its relationship with social policies development and states transformation. Debates and dilemmas in the profession, their reconceptualization, and their role in solving social problems in Puerto Rico are approached from a human rights perspective. It provides for the critical examination of the historical background of the profession to students interested in knowing and considering Social Work as a professional career. This includes participating in a volunteer experience in a social services organization. 3 hours per week, 1 semester, 3 credits.

TSO 305 Human Behavior and Social Environment I

This is the first of a sequence of two courses on 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 its implications for various social groups. The human rights and systemic social perspectives are studied, among other theoretical perspectives that are necessary for the generalist practice in Social Work. his course is

aimed at students of Social Work and related disciplines. 3 hours per week, 1 semester, 3 credits.

TSO 306 - Human Behavior and Social Environment II (Prerequisite: TSO 305)

This is the second in a sequence of two courses that deal 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 social systems. Human development is studied in an integrated way using the human rights and systemic social perspectives, among other theoretical perspectives which are necessary for the understanding of human behavior. It also integrates the recognition of human diversity in different social systems. Students perform a critical analysis on the effect these attributes have on the social systems of groups, families, and people. The course is aimed at students of Social Work and related disciplines. 3 hours per week, 1 semester, 3 credits.

TSO 312 - Social work with groups, communities, and organizations (Prerequisite: TSO 305)

This is a course that aims to train students in the understanding and facilitation of social collectivities: 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. The students will be exposed to a critical analysis of the socio-historical context where they arise the needs of citizens and the role of organized social collectivities as protagonists of the concerted responses in the contemporaneity. Emphasis is placed on the role of Social Work professionals as facilitators of transformation processes through 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. 3 hours per week, 1 semester, 3 credits.

TSO 317 - Social Welfare System and Social Policy

This course examines the development of the social welfare system and social policy from a critical, historical, and integrative perspective of human rights. The process of analysis, formulation, implementation, and evaluation of social policies is studied while taking into consideration the contemporary patterns of social service provision and its repercussions for socially and economically disadvantaged populations. Debates and dilemmas of the role the professional practice of Social Work in the development of affirmative policy and the ways to get involved in these processes through practices that promote social justice, such as social action, are also discussed. The course is aimed at students of Social Work and related disciplines. 3 hours per week, 1 semester, 3 credits.

TSO 301 - Method/Social Work I (Prerequisite: TSO 306)

This is the first of a sequence of two courses on Social Work method. An introduction to the Generalist Intervention Model is made by the Solving Problems Method with people, families, groups, and communities. In addition, the opportunity to examine other intervention strategies is provided, such as the Crisis Intervention Model. The

course focuses on providing students with learning about the Social Work generalist practice with different systems, the importance of considering the ethical dilemmas that this implies and the parameters for establishing an effective professional relationship. Emphasis is placed on the engagement and assessment phases at the micro, mezzo, and macro levels, exposing students to theoretical analysis and practical application through the design of active learning situations. The course is offered only for students in the Social Work major. 3 hours per week, 1 semester, 3 credits.

TSO 402 - Social Work Method II (Prerequisite: TSO 301)

This is the second course in a sequence of two dedicated to the discussion, analysis and use of the Generalist Intervention Model in Social Work with people, families, groups, communities, and organizations. The study and application of the following stages of the Generalist Model in the micro, mezzo and macro levels is emphasized: planning, implementation, evaluation, termination, and monitoring. Using active learning, students will apply the content they learn to different situations and diverse populations, which they could later work on their supervised practice scenarios. This course is offered only for students in the Social Work major. 3 hours per week, 1 semester, 3 credits.

TSO 400 - Social Work Practicum I (Prerequisite: TSO 302)

This is the first of two sequential courses offered to Social Work students who must complete their supervised practice in a social services agency. This course pursues that students become familiar with the professional role in Social Work, their assigned practice center, the services offered and the population participating in them. The course requires completing 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 the liaison professor (45 semester hours) and 12 hours per semester of professional development workshops are also required. This course is offered in the first academic semester only for students of the Social Work major. 3 hours per week, 1 semester, 3 credits.

TSO 403 - Social Work Practicum II (Prerequisite: TSO 400)

This is the second of two sequential courses offered to Social Work students to perform supervised practice at a social services agency. Students are provided with 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 people, families, groups, communities, and organizations. The course requires completing fifteen (15) hours per week of practical experience in the same center where the student was in TSO XXX, for a total of 210 hours per semester. It is also required to meet three contact hours per week in the university with the liaison professor (45 semester hours) and with 12 hours per semester of professional development workshops. This course is offered in the second semester of the academic year only for students of the Social Work major. 3 hours per week, 1 semester, 3 credits.

GRADUATE LEVEL SPECIALTY COURSES

CMU 607 - Theory of Communication and Convergence

This course investigates and analyzes the construction of the main communication phenomena in the digital environment. It analyzes the contributions of different paradigms to the understanding of the impact and functions of communication in a hyperconnected society. It discusses concepts and philosophical premises related to the process of theoretical construction, as well as a series of theories that try to explain concrete communication phenomena according to different approaches, concepts, and contexts. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

CMU 615 - Writing for the Internet

This course conceptualizes interactivity, multimedia and hyper textuality as fundamental characteristics in digital story writing. It refers to the principles of usability and digital positioning. It puts into practice the styles, techniques and hypertextual formats of writing for digital media. It practices the treatment of language in digital text. It tests non-linear textual production models and compares them with traditional styles to end up managing a digital narrative content. This course is offered entirely online. 3 credits, one session.

CMU 740 - Project

The course integrates the topics of the theoretical context of digital communication in the research, planning and development of the final project in digital narratives. It incorporates in a digital portfolio the proposal of the product with the design, the digital content, the analysis of the audience and the proposal of the business model of the selected digital narrative. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

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 characteristics does a literary text have? How does poetic language differ from ordinary language? What is the relationship between the substance and the form of a literary text? What is the function of the writer? How does one read Literature? This course does not focus on a thorough analysis of literary theories and criticism, but on how these illustrate the creative process from various perspectives. 3 hours per week, 1 term, 3 credits.

ECT 610 - Grammar and Writing

Practical study of Spanish grammar in an incidental way in the students' writing by explaining their mistakes. 1 hour per week, 1 term, 1 credit.

ECT 611 - Narrative Workshop

Basic course-workshop for students interested in narrative writing. The traditional characteristics of fictional narration are studied through reading of some Poetics of authors, as well as relevant works of the universal narrative. Through writing exercises

designed to promote the development of imagination and stylistic skills, emphasis is placed on the basic structures of the story and 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 hours per week, 1 term, 3 credits.

ECT 612 - Poetry Workshop

Basic course-workshop for students interested in poetic writing. The traditional characteristics of poetic writing are studied through the reading of some poetries 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 rhetorical figures. 3 hours per week, 1 term, 3 credits.

ECT 620 - Advanced Narrative Workshop

Intensive workshop dedicated to the study and practice of the most complex resources and styles of narrative writing. In particular, through selected readings and special lectures, the techniques of contemporary fiction are explored around the opening and closing of a narration, the handling of dialogues and thoughts, changes in perspective and the articulation of the conflict or argument. We work with the adequate handling of the language in the narration, starting from the recognition of the most common mistakes. 3 hours per week, 1 term, 3 credits.

ECT 621 - Advanced Poetry Workshop

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 hours per week, 1 term, 3 credits.

ECT 630 - Editorial Entrepreneurship

This course emphasizes the role of the writer as an entrepreneur through multiple workshops on the traditional publishing industry, models of independent publishing houses in Cuba, Central America and Puerto Rico and emerging publishing alternatives, legal and ethical aspects of publishing practice and marketing strategies. 3 hours per week, 1 quarter, 3 credits.

ECT 700 - Think and Validation: Master's Project

In this course we reflect on the creative proposal outlined in the Statement of Purpose submitted by the student in his or her 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 hour per week, 1 term, 1 credit.

ECT 705 - Development: Master's Project

In this course the student will continue to work on the development of his or her creative project. With the advice of his/her director, he/she will work on the revision

of his/her drafts. At this stage it will be decided if any twist or change in the work proposal is necessary. The student must complete 20-25% of the total number of pages estimated in the project. 1 hour per week, 1 term, 1 credit.

ECT 710 - Tradition and Innovation: Great Literary Works

In this course we discuss, through analysis and interpretation, a heterogeneous selection of literary texts that, due to their reception or discursive or aesthetic value, are considered relevant in the universal literary production until the 19th century. 3 hours per week, 1 term, 3 credits.

ECT 715 - Integrative Workshop: Creative Explorations

In this workshop we explore, from narrative writing and poetic writing, techniques, themes, and sub-genres of contemporary literature 3 hours per week, 1 term, 3 credits. 3 hours per week, 1 term, 3 credits.

ECT 720 - Final Step: Master's Project

In this course the student will finish his/her manuscript and will submit the final version to the evaluation of his/her director, who will use an institutional rubric. The delivery of the final version will be accompanied by an oral presentation on the process and outcome of the degree project. 1 hour per week, 1 term, 1 credit.

MBA 601- Leadership and Organizational Development

The course presents and discusses the most important aspects of business leadership development. The importance of three key aspects of the managerial role is discussed: the importance of strategic vision, planning processes at the executive level, and the use of quantitative and qualitative analysis for effective decision making in companies. 4 hours per week, 1 semester, 4 credits.

MBA 602- Legal Aspects, Ethics and Social Responsibility

Explanation of the legal framework that affects the ethical performance of the manager, officer and/or business manager. The Seminar focuses on the most relevant aspects of the Puerto Rico market in the global environment, such as: hiring, damages and professional responsibility. 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 to develop strategies that achieve social impact to improve the living conditions of stakeholders and avoid the negative externalities of business management. Tools and methodologies are presented for companies to address responsibility in a structured and consistent manner. 2 hours per week, 1 semester, 2 credits.

MBA 618- Industry analysis, forecasts, and trends

This course presents and analyzes different methodologies to understand an industry or business sector. We start from the macro environment, including variables of nature economic, legal, environmental, and cultural policy. Value chains are analyzed and

business ecosystems to identify challenges and opportunities, set trends and project their development in the short, medium, and long term. These tools allow the manager to make strategic decisions on vertical integration or horizontal, growth and innovation of products or services. 2 hours per week, 1 semester, 2 credits.

MBA 619- Corporate 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 performance indicators and financial performance, ratios (of ratio) and their weighting as a support exercise for management. Methodologies and tools are presented for the collection of information and its analysis. Issues 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. This course discusses the main financing alternatives and the strategies needed to raise the necessary capital. Incentives and crowdfunding are discussed as alternatives without repayment, the emission of debt and the investment of private capital, among other alternatives. 4 hours per week, 1 semester, 4 credits.

MBA 706- Entrepreneurship and Innovation

This course presents and discusses the importance of developing a mentality entrepreneur within the companies. Methodologies are discussed for the and tools for the different stages of the process that go from identification of opportunities until 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 of a customer-centered design and includes the observation, definition and testing of through prototypes of the proposed solutions. In addition, this course serves to analyze case studies of contemporary business practices that integrate design thinking into business management. Finally, the course starts with the concept of a business model to discuss strategies through which companies remain competitive in the market. Different types of innovative business models and their application are discussed to multiple industries. Emphasis is placed on creative thinking and its application to this type of innovation in family businesses.

MBA 707- Supply Chain and Logistics Management

This course discusses the main theories, practices and problems related to operations in production or service companies. We handle aspects production capacity, use of facilities, inventory management, projections and project management, quality control, optimization, and related costs. The course also helps to understand the planning, management, and performance evaluation in the supply chain of a company. Aspects such as process development, supplier management, etc. are discussed. 2 hours per week ,1 semester, 2 credits.

MBA 713- Marketing Management

This course analyzes 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 for reaching 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, information sources and methodologies to understand the needs and expectations of certain markets and proposes qualitative and quantitative research as a continuous tool to support decision making. It identifies the main trends in different industries, the consumption patterns of its customers and the main marketing strategies and tactics used by companies to reach their customers. The course allows the student to understand these trends as a mechanism for strategic planning and development. 3 hours per week, 1 semester, 3 credits.

MBA 715- Solution Formulation Project

This course completes the curricular sequence of this graduate program. During the course, the student works on a real problem identified in a family business. From a series of workshops at Neeuko, the student will produce innovative solutions to the identified problem, 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 hours per week, 1 semester, 3 credits.

MMD 610 - Digital Marketing & New Technologies

Emphasis on the following topics: the what (product or service to be marketed); for whom (analysis of your existing or potential client); the how (ideal strategies depending on the product or service, and audience); and the how much (the Key Performance Indicators, KPIs) you should monitor. Finally, we will examine the latest trends in the digital world, so that students can stay up to date with the digital marketing market. Topics will include: chatbots, Artificial Intelligence (AI) applications; voice search (using virtual assistants such as Alexa and Google Home); among others. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 620 - Content Strategies for Digital Media (Prerequisite: MMD 610)

This course exposes the student to the concept, strategy and execution for the creation and distribution of content in digital channel campaigns that aim to attract prospects who become loyal customers. Emphasis is placed on the following topics: content creation methodologies; the creation of buyer's persona; buyer's journey, sales funnel, and lead nurturing techniques; concept of storytelling; strategy and vehicles for content distribution, including content calendar; content performance metrics. Three (3) credits, nine (9) hours per week, one (1) quarter.

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 (unpaid) and advertising (with investment) modality to achieve the objectives they include but are not limited to creating awareness about a product or service. We will delve into which vehicle(s) is/are optimal depending on the audience and the product or service, emphasizing considerations that include how to make our message stand out, content

development, interpretation of campaign performance data, and the development of social messages. We will discuss effectiveness strategies for organic and advertising campaigns that require monetary investment and finally discuss the roles of community managers and social media managers. This will be accompanied by a look at the basic ethical and legal aspects of managing social media campaigns. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 640 - Digital Media Branding and Public Relations in (Prerequisite: MMD 610)

In this course we examine the relationship between digital media and the disciplines of branding and public relations. In relation to branding, a look at the aspects of social media from the point of view of its impact and role in brands, including personal branding, will be presented. It focuses on how to capitalize on the interactive aspect of social media by making communication more direct, personalized, and fluid. In terms of public relations, it presents a look at the evolution of this industry because of the proliferation of social networks, as well as the convergence of both disciplines. Three (3) credits, nine (9) hours per week, one (1) quarter Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 650 - Online Research: Techniques and Tools (Prerequisite: MMD 610)

In this course you will learn about the application of methods and strategies when evaluating online communication tools. We will focus on understanding the true meaning of information through research and development, as well as encouraging 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 campaigns in digital media, including social networks and websites. Finally, you will learn how to research and position your online marketing efforts. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 660 - Effective Communication in Digital Media (Prerequisite: MMD 610)

This course will learn about the process of developing and executing a digital marketing plan oriented towards the communication aspect. Some topics will be digital communication campaigns, language, media selection, video, basic principles of production and communication strategies in another context. The emphasis will be on creative writing for digital media. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 710 - Evaluation Digital Media Campaign (Prerequisite: MMD 610)

This course will provide students with the skills necessary to organize, measure, question, and act upon data obtained from social networks and websites. Information resources include social media and website analytics and metrics, SEO, paid search, social media optimization, ROI of social media efforts, and paid content and coverage obtained in social media. Emphasis will also be placed on related topics such as social listening, benchmarking, forecasting, and web and social media auditing. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 720 - Ethics and Law in Digital Media (Prerequisite: MMD 610)

In this course we will cover 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 cyber-security among others. These will be explored using real cases and looking at how content impacts digital media and the relationships between organizations and audiences. Three (3) credits, nine (9) hours per week, one (1) quarter.

MMD 730 - Digital Marketing Campaign Execution (*Capstone* Project) (Prerequisite: MMD 610)

This course was designed from a professional perspective and uses examples and situations from the real work environment. You will have the opportunity to apply the skills acquired in digital marketing during the master's program by identifying an opportunity or challenge for your company of choice. Working individually and with your professor's feedback, you will be able to identify, study and analyze a situation and then plan the appropriate response through a digital marketing plan. Three (3) credits, nine (9) hours per week, one (1) quarter.

NRD 715 - Narrative Structures

This course explores the various digital narrative structures available for the creation of content in the field of communication, applicable to audiovisual production, journalism, integrated communication, and personal branding. It establishes techniques for the immersion of stories within the digital context, through the use of words, image, sound and video. It starts from the knowledge of traditional structures (literature, cinema, etc.) to go deeper into the theory and practice of new narrative formats. This course is offered in a hybrid mode (75% online and 25% classroom). 4 credits, one session.

NRD 720 - Creativity and platforms

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 matter, construct, and technologies for the solution of problems that promote economic and social sustainable development. This course studies and analyzes the relationships between creative thinking, the design discipline and communication platforms such 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 the solution of problems and identification of opportunities are presented. Social innovation is proposed through the discussion of the Objectives of Sustainable Development (ODS) declared by the United Nations. The course combines theoretical lectures and/or seminars with creative practical workshops with a pedagogical methodology of problem identification and project development. This course is offered in a hybrid mode (75% online and 25% classroom). 4 credits, one session.

NRD 725 - Audiences and Interactive Design

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 technological platforms or interfaces used in interactive design, but the main emphasis will be on how these promote the effective dissemination of information and links with audiences. The student will also analyze the platforms or combination of technological platforms most useful for their projects. This course is offered in a hybrid mode (75% online and 25% classroom). 4 credits, one session.

NRD 730 - Entrepreneurship

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 objective marketing. The students and deepen on the development of business models to ensure the sustainability of the enterprise. Finally, strategic aspects are studied and analyzed for their execution, including legal aspects, financing alternatives, marketing strategies, organizational leadership, and future trends. Students must prepare a business proposal for a venture in the area of interest. This course is offered entirely online. 3 credits, one session.

PME 600 - Special Events Business

Evaluation of the development of the entertainment industry since its beginning. Establish the fundamentals of event management, such as special event planning and development, budget, human resources, entertainment industry regulations and standards, among others. The different variants that include production of theatrical, musical, sports, visual arts, talent management, ballet, fashion shows, among others. The student analyzes the governmental requirements and the laws that apply to the industry. 3 hours per week, 1 session, 3 credits.

PME 601 - Laws and Ethical Aspects of the Special Events Industry

Analysis of the legal framework applied to the special events industry. Emphasis on the legal provisions related to obligations and contracts, commercial activities, copyright, and the obligations arising from these activities. The sources of law regulating the entertainment industry in Puerto Rico, at the federal level and international provisions relevant to the subject are examined. 3 hours per week, 1 session, 3 credits. *This course is half classroom and half online (hybrid).

PME 610. Public relations in the event and entertainment industry.

Study of the field of public relations for special events. It examines the managerial work of the relationship manager to communicate to the public some event in its different stages. In this course the student will develop the skills to create and carry out a public relations plan that creates a meeting point between the company and its publics. 3 hours per week, 1 session, 3 credits.

PME 618. Special events management.

Evaluation and implementation of aspects related to 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 public receiving such events. Discussion of the event production industry at the local and international level. 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 needed to produce a successful event. As a course requirement, students develop a special event that is presented at the end of the semester. 3 hours per week, 1 session, 3 credits.

RPI 610 - Public Relations Writing

Studies the importance of strategic written communication in organizations, correct writing, and presentation of texts for internal and external audiences. It also examines modern writing techniques, formats and styles for news, social media, and multimedia platforms to develop the writing skills expected of professional relationship managers. The student will use research, critical questioning, and creativity in the process of identifying writing techniques and making ethical decisions to develop a dialogical encounter with audiences. Emphasis on developing 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 will serve as a letter of introduction for prospective employers. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

RPI 615 - Integrated Strategic Communication

Through this course, students will acquire those skills that are necessary to understand the functioning of public relations and its relationship to related disciplines. The course provides a comprehensive look at these fields, through a realistic and functional lens. At the end of the course, students will use the knowledge they have acquired to develop a public relations and integrated communication plan. This course is offered in a hybrid mode. 3 credits, one session. 3 credits, one session. 3 credits, one session.

RPI 710 - Content and *Branding* Strategies

Study of communication strategies in the creation of content used to share information about companies, brands, products, and services. Differentiate content marketing from public relations content to generate interaction with audiences. Creating content strategies in public relations and integrated communication efforts and how to use them to manage brand trust and persuade audiences with appropriate messages on multimedia platforms. Develops content appropriate to the audience to achieve objectives with projected results. Emphasis on developing integrated strategies for generating advertising and creating purchased, shared, and owned media content to build relationships with audiences and brands. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

RPI 715 - Research, Metrics and Evaluation

Studies the process of research, measurement, and evaluation as an essential function in public relations and integrated communication. It examines research methodology, data intelligence, measurement tools and evaluation techniques to demonstrate results. Develops the analytical competence to understand mass data from online audiences, collect trends and make business decisions. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

RPI 720 - Legal and Ethical Dilemmas in Integrated Communication

The 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. It analyzes codes of ethics and the required conduct of the professional in the field. It examines laws regulating the media, including web media, and their impact on public and digital communication. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

RPI 725 - Integrated Communication in Issue, Crisis and Reputation Management

Integrated communication approach to anticipate, identify, and manage issues, a company's reputation and handle crisis situations. The course encourages analysis and reflection on communication management in the public sphere and internally as a basis for developing a strategic approach and protecting the brand, company, or public figure. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

RPI 740 - Public Relations & Integrated Communication Plan

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 theory, analysis, creativity, and problem-solving skills into practice within the framework of professional ethics in an environment close to the reality of the workplace. The purpose is for the student to integrate the knowledge and skills acquired into the curriculum in this culminating course, so that he or she can have experiences that will enable him or her to perform professionally in the field. This course is offered in a hybrid mode (75% online and 25% classroom). 3 credits, one session.

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PHONE BOOK

Unit or Department	Extension
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Sagrado Careers Professional Experience Center	1367
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Residence Halls	7100, 7600
Sagrado Global Integral	2422, 2419
Security and Risk Management	2552, 2553
Teleradial Unit	1316

Unit or Department	Direct Phone Num.
Admissions	787-728-2070
Financial Aid Office	787-268-8880
Internal Audit	787-268-8857
Center for Community Liaison	787-728-2515
Religious Community (Monte Flores)	787-728-5656
Business Institute for Women	787-726-7045/787-726-7077
Board of Trustees	787-268-8858
Presidency	787-727-7033
University Relations and Development	787-268-8846