

**NUC CATALOG ADDENDUM TO
2018-2019 CATALOG
October 4, 2018**

Page 3 At the end of the first paragraph the following information should be included.

On March 6, 2017 NUC opened a Branch Campus in Mayagüez, Puerto Rico.

Page 68 In the Admission and Transfer Requirements for Undergraduate programs, the (on-line) reference under the RN to BSN program should be deleted. *(This program is offered in both modalities, On ground and Online).*

Page 81 The University Environment Seminar section should read as follows:

All graduates of National University College, as well as transfer students who have completed degrees, or six or more approved credits at other university institutions are exempt from taking the SEMI 1001, University Environment Seminar.

Page 96 In the Tuition and Fees for Online Students section:

The \$100 Nursing Program Laboratory Fee under the Full Online / Undergraduate / In-State (PR & Caribbean) column was deleted, in its place this fee was moved to the Hybrid / Undergraduate / In-State (PR & Caribbean) column.

| | Full Online | | Hybrid |
|---------------------------------|---------------------------------------------------------|---------------------------------|------------------------------|
| | Undergraduate | | Undergrad |
| Charge | Out-of-State (anywhere other than PR & Caribbean) | In-State (PR & Caribbean) | In-State (PR & Caribbean) |
| Nursing Programs Laboratory fee | - | \$100 | \$100 |

Pages 93 and 127 In the Graduation Requirements section, first line of second paragraph should read as follows:

A graduation application should be submitted with a receipt from the Bursar's Office for the amount of **\$100.00**.

Page 103 Asterisks and disclosure was added to the Nursing with Specialty in Medical-Surgical and Role in Education****

****This program is pending approval from the U.S. Department of Education.

Pages 104, 105, 106 and 108 Asterisks and disclosure was added to the Nursing with Specialty in Medical-Surgical and Role in Education***

***This program is pending approval from the U.S. Department of Education.

Pages 107 Asterisk and disclosure was added to the following programs:

Applied Science in Cardiorespiratory Care*
Applied Science in Clinical Sonography*
Applied Science in Radiologic Technology*
Nursing with Specialty in Medical-Surgical and Role in Education*

**This program is pending approval from the U.S. Department of Education.*

Pages 109 Asterisk and disclosure was added to the following programs:

Applied Science in Cardiorespiratory Care*
Applied Science in Clinical Sonography*
Applied Science in Radiologic Technology*

**This program is pending approval from the U.S. Department of Education.*

Also, the following program should be included:

Nursing with Specialty in Medical-Surgical and Role in Education*

Page 115 In the Master Degree in Business Administration program changes in *bold and italics* has been included:

MASTER’S DEGREE IN BUSINESS ADMINISTRATION

OBJECTIVE

The graduates of the Master's Degree in Business Administration will be able to implement management principles, while applying the process and analysis of optimal evaluation to contemporary business problems. Manage organizations within a dynamic and competitive global environment, using proper business tools for qualitative and quantitative research and resolve organizational problems. Furthermore, evaluate business theories according to their relevance and application to the world of global business and develop professionally with an appreciation of the importance of social responsibility, ethics, and excellence.

MINIMUM REQUIREMENTS

24 Credits in Core Courses

15 Credits in Major Courses

39 Total Credits

CORE COURSES

| | | |
|-------------------------|----------------------------------------------------------------------|-----------------|
| MBA 5000 | ORGANIZATIONAL BEHAVIOR | 3 |
| MBA 5010 | MARKETING MANAGEMENT | 3 |
| MBA 5020 | MANAGERIAL ECONOMICS | 3 |
| MBA 5040 | MANAGERIAL ACCOUNTING | 3 |
| MBA 5050 | MANAGERIAL FINANCE | 3 |
| REME 5100 | RESEARCH METHODOLOGY | 3 |
| STAT 5210 | STATISTICS | 3 |
| <i>MBA 6000*</i> | <i>BUSINESS ADMINISTRATION INTEGRATING SEMINAR (CAPSTONE)</i> | <i>3</i> |
| | | 24 |

MAJOR COURSES

| | | |
|----------|-----------------------------------------------------------|-----------|
| MBA 5030 | HUMAN RESOURCES DEVELOPMENT ADMINISTRATION AND MANAGEMENT | 3 |
| MBA 5200 | BUSINESS LEADERSHIP | 3 |
| MBA 5220 | SOCIAL AND ETHICAL RESPONSIBILITY | 3 |
| MBA 5240 | PROJECT MANAGEMENT AND ADMINISTRATION | 3 |
| MBA 5260 | MANAGERIAL INFORMATION SYSTEMS | <u>3</u> |
| | | 15 |

TOTAL CREDITS **39**

This program is offered in both fully on ground and online delivery modes.
All courses must be passed with at least a “B” grade.

**This course includes the use of simulator.*

Page 133 Course description for course EDUC 5100 should read as follows:

EDUC 5200: Theories, Principles and Processes Governing the Design of Educational Programs: 3 credits

In this course students will analyze the curricular principles, processes, theories, approaches, and models governing the educational field. They will analyze the curricular design process, its elements, and implications in the teaching and learning process. They will also examine the curriculum alignment process based on the standards and expectations of the institution it serves. Finally, they will evaluate the role of the educational leader and the relationship between learning styles and innovative teaching strategies to maintain curriculum effectiveness.

Page 135 Course description for course EDUC6045 should read as follows:

EDUC 6045: Integrated Seminar in Educational Leadership: 3 Credits

In this course, students will analyze educational scenarios in several public and private organizations, where they will demonstrate the competencies and acquired skills in their educational formation. They will apply educational research methods by examining the elements required for the development of the degree project, and evaluate situations in the work environment where they will apply skills for effective decision-making in various educational organizations and institutions with multicultural environments.

(Pre-requisites: EDUC 5100, EDUC 5110, EDUC 5120, EDUC 5140, EDUC 5200, EDUC 5210, EDUC 5220, EDUC 5230, EDUC5240, EDUC 6025)

Page 136 Course description for course HURE 6020 should read as follows:

HURE 6020: Labor Law: 3 credits

In this course the student will examine the rights and duties that exist in employer-employee relationships. They will discuss the legal requirements that prohibit discriminatory practices in the workplace. They will also examine the processes and obligations of each of the parts in the organization of a union and in the process of collective negotiation in private businesses.

(Pre-requisites: MBA 5030)

Page 142 Course description and pre-requisites for course REME 5100 should read as follows:

REME 5100: Research Methodology: 3 credits

In this course students will evaluate the research process as a means to generate valuable information in the business world. They will examine research designs and methods to propose solutions to a given problem. They will further draft the introduction, literature revision, and methodology for a research proposal.

(Pre-requisite: None)

Page 224 Pre-requisite ACCO 1000 was added to course ACCO 3520.

Page 225 Pre-requisites for course AUME 2000, should read as follows:

(Pre-requisites: HEIT 1010, HEIT 1020, HEIT 1050, HEIT 1060)

Page 226 Description for course BUAD 1020 was included:

BUAD 1020: Business Information Systems: 3 credits

In this course students will analyze the fundamentals of business information systems and their impact on contemporary businesses. They will examine the basics of business intelligence, e-trade, information management, and support tools for management decision making. In addition, they will evaluate ethical and social aspects of using information systems.

(Pre-requisite: ITTE 1031L)

Page 232 Course description for course CYCR 4060 should read as follows:

In this course, students will examine advanced concepts of computer forensics analysis. They will also discuss advance legal concepts; procedures for subpoenas and search warrants; digital communication methods; image and authentication; forensic hardware and software; the use of Linux as a forensic platform; media analysis using EnCase, Toolkit, and ProDiscover; and file systems. In addition, they will develop reports for forensic analysis. *(This course includes the use of simulator.)*

(Pre-requisite: CYCR 4050)

Page 246 Pre-requisite for course EXCL 1000L should read as ITTE 1031L.

Page 248 Course description for course HEMA 1000 should read as follows:

HEMA 1000: Introduction to Healthcare Administration: 3 credits

In this course, students will analyze the fundamentals of health care administration, the characteristics of healthcare systems, and the nature of their components by means of an overview of the systems used in the United States and Puerto Rico. They will evaluate different healthcare providers, such as hospitals, ambulatory care centers, and hospices, among others. In addition, they will analyze the health insurance model and healthcare service payments.

Page 249 Course description and pre-requisites for course HEMA 1010 should read as follows:

HEMA 1010: Healthcare Management and Policy Planning: 3 credits

In this course, students will discuss concepts related to the administration and applications of strategic management in healthcare organizations. They will examine aspects of the organization's internal and external environment, as well as the integration of business, science, and information technology. Additionally, they will analyze and develop directional strategies for the business, such as its mission, vision, values, and strategic goals. Furthermore, they will evaluate and select the best strategic alternatives for the organization, and explain the importance of communicating the strategy and developing action plans.

(Pre-requisite: HEMA 1000)

Page 249 Course description and pre-requisites for course HEMA 1040 should read as follows:

HEMA 1040: Healthcare Information Systems: 3 credits

In this course, students will discuss the healthcare information systems and health information technology that allow healthcare providers to enhance the quality of patient care through the secure use and exchange of health information. They will also analyze information technology and the uses of common systems, such as the electronic health record, as well as how they correlate to privacy, confidentiality, and security when managing health information, data quality, and databases. Additionally, students will examine different types of clinical information systems, such as medication administration systems, telemedicine, telehealth, and the personal health record. Finally, they will identify general aspects of health information technology, such as security, privacy, and future challenges. *(Pre-requisites: BUIN 1010, HEMA 1000)*

Page 253 Description for course INAS 1020 should read as follows:

INAS 1020: Information Systems Control and Auditing: 3 credits

In this course, students will analyze the structure of an audit as well as the essential components of the auditing process and its phases. They will identify the risks and controls in the IT area. They will discuss about the essential elements that must be considered when auditing operating systems, networks and databases. In addition, they will analyze techniques and tools used by auditors for evaluating systems development and transactions performed by computer systems.

(Pre-requisites: INAS 1010)

Page 255 Description for course INTE 1020 should read as follows:

INTE 1020: Inf. Technology Infrastructure Management: 3 credits

In this course, students will analyze the evolution and basic concepts of IT infrastructure management. They will evaluate data management tools, as well as the storage and security management for an information system. They will also argue about the technological solutions available in the market, the business systems and the supply chain management. In addition, students will explain the relationship between the IT strategic planning process and the insourcing and outsourcing strategies.

(Pre-requisites: INTE 1010)

Page 256 Description for course INTE 1030 should read as follows:

INTE 1030: Inf. Technology Performance Analysis and Design: 3 credits

In this course, students will examine the management models and frameworks used to measure the performance of an IT department. They will evaluate the integration of management, operational and performance strategies with the purpose of measuring the success of the management of information systems department. They will analyze the performance of the service delivery life cycle results provided by an IT department. Students will also examine diverse tools that will help evaluate the performance of service delivery and its comparison with industry standards.

(Pre-requisites: None)

Page 258 Pre-requisite for course INTE 3510L was replaced as follows:

(Pre-Requisites: INTE 2520L, PROG 1035, PROG 2370L)

Page 259 Pre-requisite for course INTE 4200 was replaced as follows:

(Pre-Requisites: INTE 2570L, INTE 3510L, PROG 3365L, PROG 3375L, PROG 3425L)

Page 261 Course description for course ITTE 1031L should read as follows:

ITTE 1031L: Computer Literacy and Laboratory: 3 credits

In this course, students will analyze the basic concepts and cycle of information processing: data entry, processing, results output, storage, and communication. They will also recognize the function of computer programs: system programs and applications. They will examine the basic Internet services: browsers, emails, academic databases, and electronic portfolios, among others. Using interactive and execution activities, they will have the opportunity of showing their knowledge and basic skills about the different software: word processing, electronic presentation, and spreadsheets. In addition, they will analyze core concepts, services, hardware, and laws pertinent to technological assistance.

Page 267 Pre-requisite for course MGMT 1000 should read as follows: *(Pre-requisite: BUAD 2000)*

Page 267 Course description for course MGMT 1010 should read as follows:

MGMT 1010: Organizational Theory and Design: 3 credits

In this course, students will analyze the importance of organizational behavior, along with the challenges and opportunities managers face in applying the concepts and theories of this discipline. They will analyze the models of knowledge management, learning, and competency development as productive and important resources for the effectiveness of an organization. In addition, they will evaluate topics and concepts related to motivation in individuals, groups, and work teams, and their effect on the performance of an organization and on aspects of communication, decision-making, conflict, organizational culture, and ethics.

(Pre-requisites: BUMA 1000; BUAD 2000)

Page 280 Course description for course PROG 2280L should be included:

PROG 2280L: Visual Basic Programming and Laboratory: 3 Credits

In this course, students will analyze the attributes and functionalities of the Visual Basic programming language for Object-Oriented design. They will develop programs that include creating graphical user interface and programming integration, by applying the diverse control, arrays and files management structures, and integrating database. Additionally, they will plan and design applications based on the specific needs of the user.

(Pre-requisites: ITTE 1031L; PROG 1035; PROG 1140L)

Page 282 Description for course PROG 3365L should be included:

PROG 3365L: C# Programming and Laboratory: 3 Credits

In this course, students will analyze the attributes and functionalities of the C# programming language for Object-Oriented design. They will develop applications with graphical user interfaces for desktop and Web. In addition, they will integrate a database to a project in C#.

(Pre-requisite: PROG 2280L)

Page 282 Pre-requisite for course PROG 3375L was replaced for *PROG 2280L*.

Page 288 Description for course SEMI 1001 should read as follows:

SEMI 1001: University Environment Seminar: 1 credit

In this course, students will develop essential skills to adequately handle the different experiences and challenges posed by the academic and university world. They will participate in learning experiences aimed at exploring and strengthening their self-awareness and responsible management of emotions. Likewise, they will get acquainted with the diverse educational modalities, services and educational resources available in the Institution. They will further receive orientation about the development of computer and academic competencies to achieve a successful transition into the university life by balancing their personal, academic, and work life.

Page 292 Description for course SPAN 1020 should read as follows:

SPAN 1020: Basic Spanish II: 3 credits

In this course, the student will critically analyze different literary genres such as poetry, theater and novels. The student will describe and illustrate its evolution, development, and characteristics. Furthermore, the student will analyze the elements that distinguish the investigative reporting of chronicles. Will recognize the importance of oratory and speech as a resource for effective communication. In addition, the student will write and present a speech.

(Pre-requisite: SPAN 1010)