


UPR-RP



# Addendum

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# Undergraduate Catalog

## 2023-2024



## 2023-2024 UNDERGRADUATE CATALOG UPDATES AND CHANGES

The updates listed in this addendum apply to the 2023-2024 undergraduate catalog. The contents of this addendum are an integral part of the University's Catalog. The addendum is provided as an update to the original catalog and may contain new or revised information.

The University of Puerto Rico, Rio Piedras campus has made every effort to ensure that everything stated in the catalog is accurate. However, sometimes changes are necessary after the date of publication. Academic programs and curricular sequences offered, together with other matters contained herein, are subject to change at the discretion of the university.



**Mirerza González Vélez**  
Dean of Academic Affairs

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## FACILITIES DESCRIPTION

The University of Puerto Rico, Río Piedras Campus, was founded in 1903 after the relocation from Fajardo of the Insular Normal School. Since its foundation, the Río Piedras Campus became the heart of the public university system of Puerto Rico, and its image is ingrained in the social fabric of the country as one of its most distinguished educational institutions. From humble beginnings, the campus has grown from its initial 97 acres to approx. 262 acres where 10 academic units are located. These are: the College of Business Administration, the College of Communication and Information, the College of Education, the College of General Studies, the College of Humanities, the College of Natural Sciences, the College of Social Sciences, the School of Architecture, the School of Law, and the School of Urban Planning. In fact, one hundred thirty (130) undergraduate and graduate programs compose the academic offerings of the Río Piedras Campus. Along with these are student and faculty services and amenities distributed among 150 buildings totaling approx. 5.9 million square feet of construction. The campus is also considered a significant green space in the San Juan area as 88% percent of the campus is open space. Accordingly, campus location and facilities comply with the Board of Post-secondary Institutions (JIPs) of Puerto Rico regulations.

Also, cultural facilities that contribute to the students' experiences and are open to the general public are the Museum of History, Anthropology and Art, the University Theatre, the Student Center and the University General Library José M. Lázaro. In total, the campus has 30 cultural and art spaces, including auditoriums, seminaries and exhibition galleries and 11 main libraries. The University Sport Complex Cosme Beitía includes a gymnasium, two pools, track and field spaces, courts for volleyball, basketball and tennis, soccer and baseball fields and locker rooms. The Department of Physical Education and Recreation has 11 dedicated sport programs and other related courses. The University offers diverse services for its students and staff. Among these are medical and psychological services, student and faculty counseling, student residencies among others.

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## BENEFITS OF MILITARY EDUCATION

The University might evaluate if credits validations is possible for military education and training. This evaluation is based on institutional policies and procedures (see pages 47-49). The credits may be applied to meet degree requirements in areas, such as major's requirements, general education, or electives.

## UPDATES<sup>1</sup>

### *College of Business Administration*

**Bachelor Degree in Business Administration in Entrepreneurship 130 credits**

### *College of Education*

**Bachelor of Arts in Secondary Education with major in Physical Education 128 credits**

**Bachelor of Arts in Secondary Education with major in Social Studies and History 128 credits**

Due to the consolidation of the Bachelor of Arts in Secondary Education with major in History and the Bachelor of Arts in Secondary Education with major in Social Studies

**Bachelor of Arts in Education with major in Teaching of English as a Second Language K-12 128 credits**

Due to the consolidation of the Bachelor of Arts in Elementary Education with major in teaching English to Spanish Speakers and the Bachelor of Arts in Secondary Education with major in the Teaching of English to Spanish Speakers.

### *College of Humanities*

**Bachelor of Arts with major in English 129 credits**

Due to the consolidation of the Bachelor of Arts in English with major in Literature and Bachelor of Arts in English with Major in Linguistics and Communication.

### *College of Natural Sciences*

**Bachelor of Science with major in Interdisciplinary Studies 121 credits**

**Bachelor of Science with major in Mathematics 124 credits**

**Bachelor of Science with major in Nutrition and Dietetics 127 credits**

## MORATORY

### *College of Business Administration*

Bachelor's in Office Management

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<sup>1</sup> Text in bold highlights updates.

## COLLEGE OF BUSINESS ADMINISTRATION

### Business Administration in Entrepreneurship

(For students admitted in August 2022 onwards)

REQUIRED COURSES	crs.	REQUIRED COURSES	crs.
<b>First Semester</b>		<b>Second Semester</b>	
<b>FIRST YEAR [30 crs.]</b>			
Basic Spanish I	3	Basic Spanish II	3
Basic English I	3	Basic English II	3
MECU 3031 Quantitative Methods for Business Administration I <b>or</b> MECU 3035 Finite Mathematics and Pre-Calculus for Business Administration	3	MECU 3032 Quantitative Methods for Business Administration II	3
ADMI 4005 Introduction to Business	3	SICI 3211 Introduction to Information Systems	3
ECON 3022 Principles of Macroeconomics	3	LEGA 4005 Legal Aspects of Business	3
<b>Total CREDITS</b>	<b>15</b>	<b>Total CREDITS</b>	<b>15</b>
<b>SECOND YEAR [33 crs.]</b>			
MERC 3115 Principles of Marketing	3	ADMI 4010 Planning and Organization of New Enterprises	3
CONT 3105 Introduction to Accounting Fundamentals I	3	CONT 3106 Introduction to Accounting Fundamentals II	3
ECON 3021 Principles of Microeconomics	3	GEOP 4315 Operations and Supply Chain Management	3
ESTA 3041 Statistics for Business Administration I	3	ESTA 3042 Statistics for Business Administration II	3
REHU 4405 Human Resources Management, or REHU 4408 Organizational Behavior, or ADMI 4415 Leadership	3	Introduction to Social Sciences II	3
Introduction to Social Sciences I	3		

REQUIRED COURSES	crs.	REQUIRED COURSES	crs.
<b>Total CREDITS</b>	<b>18</b>	<b>Total CREDITS</b>	<b>15</b>
<b>THIRD YEAR [35 crs.]</b>			
Humanities I	3	Humanities II	3
Literature I	3	Literature II	3
FINA 3107 Financial Markets and Institutions	3	FINA 3106: Financial Management	3
ADMI 4035 Small Business Management	3	Entrepreneurship Concentration Elective	3
COEM 3001 Business Communication	3	INCO 4008 Strategic Business Communication	2
ART	3	Entrepreneurship Concentration Elective	3
<b>Total CREDITS</b>	<b>18</b>	<b>Total CREDITS</b>	<b>17</b>
<b>FOURTH YEAR [32crs.]</b>			
Natural Sciences: Fundamentals of Biology I <b>or</b> Introduction to Physics Sciences I	3	Natural Sciences: Fundamentals of Biology II <b>or</b> Introduction to Physics Sciences II	3
ADMI 4416 Business Ethics	3	Free Elective	3
INCO 4006 Writing Techniques	2	ADMI 4007 Strategic Management	3
FINA 4020 International Finance <b>or</b> CONT 4029 International Accounting <b>or</b> ADMI 4236 Puerto Rico Foreign Trade	3	Entrepreneurship Concentration Elective	3
Entrepreneurship Concentration Elective	3	Free Elective	3
Free Elective	3		
<b>Total CREDITS</b>	<b>17</b>	<b>Total CREDITS</b>	<b>15</b>
<b>TOTAL CREDITS : 130</b>			



## COLLEGE OF EDUCATION

### Bachelor of Arts in Secondary Education with major in Physical Education

#### FIRST YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
ESPA	3	ESPA	3
INGL	3	INGL	3
EDFU 3011- Foundations of Human Development	3	EDFI 3675- Life, Health and Well-being	3
CIBI	3	CIFI	3
HUMA	3	HUMA	3
Mathematical Reasoning	3	CISO 3121	3
	18		18

#### SECOND YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
Literature	3	Literature	3
HIST 3241 or HIST 3242 -HIST of Puerto Rico	3	EDFI 3686- Motor Skills Learning	3
EDFI 3555- History and Foundation of Physical Education	3	TEED 3018 or TEED3017- The Integration of Technologies and the Computer in Secondary Curriculum	3
EDFU 3007- Social Foundations of Education	3	EDFU 3012- Philosophical Principles of Education	3
CISO 3122- Introduction to Social Sciences	3	FAED 4001- Professional Seminar I	1
Art	3		
	18		13

#### THIRD YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
EDFU 3013- Evaluation of Learning o EDFU 4045- Educational Implications of the Psychology of Adolescence	3	EDFU 4007- Principles of Research	3

First Semester		Second Semester	
EDFI 4115- Anatomy and Kinesiology	3	EDFI 3115 Physical Education as Teaching Tool for K-3	3
EDFU 4019- Philosophical Principles of Education	3	EDFI 4125- Administration and Supervision of Physical Education	3
EDES 4006- Nature and Needs of Exceptional Learners o EDFI 3395- Physical Education for the Exceptional Child	3	EDFI ____ Foundations for the Teaching of***	3
Free Elective	3	EDFI 4018- Methodology for the Teaching of Physical Education for the Elementary Level	3
EDFI ____ Foundations for the Teaching of****	3	EDES 4055 Teaching strategies for the inclusion of students with special educational needs in the regular classroom	3
	18		18

#### FOURTH YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
EDPE 4219- Methodology for the Teaching of Physical Education for the Secondary Level	4	EDPE 4216- Teaching Practicum in Physical Education – Secondary	4
EDFI 4105- Physiology of Exercise	3	FAED 4003- Professional Reflexive Seminar III	1
EDFI ____ Foundations for the Teaching of****	3	Hist 3111 o 3112 Elective in United States History	3
EDFI ____ Foundations for the Teaching of****	3		
FAED 4002- Professional Reflexive Seminar II	1		
Free Elective	3		
	17		8
		<b>Total</b>	<b>128</b>

## Bachelor of Arts in Secondary Education with major in Social Studies and History

(Apply to students admitted by August 2024 to the College of Education, as well as classified to the BA)

### FIRST YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
ESPA Spanish	3	ESPA Spanish	3
INGL English	3	INGL English	3
CISO 3121 Social Sciences	3	CISO 3122 Social Sciences	3
EDFU 3011- Foundations of Human Development	3	EDFU 3012 Fundamentals of Educational Psychology	3
CIBI Biological Sciences	3	CIFI Physical Sciences	3
HUMA ___ Humanities	3	FAED 4001 Professional Reflective Seminar I	1

### SECOND YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
GEOG 3165 Geography of Puerto Rico	3	HUMA ___ Humanities	3
HIST 3241 Hist of Puerto Rico I	3	HIST 3242 Hist of Puerto Rico II	3
___ Mathematical Reasoning	3	TEED 3018 Integration of Technology and Computer Use in the Secondary Level Curriculum	3
HIST 3111 History of the United States I	3	HIST 3112 History of the United States II	3
EDFU 3007 Social Foundations of Education	3	EDFU 4019 Philosophical Foundations of Education	3
EDFU 4007 Principles of Research	3		

**THIRD YEAR**

<b>First Semester</b>		<b>Second Semester</b>	
<b>Required Courses</b>	<b>crds</b>	<b>Required Courses</b>	<b>crds</b>
EDFU 3017 Evaluation of Learning	3	EDPE 4255 Language Arts in the Curricular Areas	3
Literature _____	3	EDES 4055 Teaching Strategies for the Inclusion of Students with Special Educational Needs in the Regular Classroom	3
HIST 3165 or HIST 3255 or HIST 3205 Renaissance, Reformation and Rise of the State or Europe in the 19th Century or Problems of the Contemporary World	3	ECON 3005 Introduction to Economics	3
HIST 3211 Hispanic American History I	3	HIST 3212 Hispanic American History II	3
EDES 4006 Nature and Needs of Exceptional Students	3	GEOG 3150 Human Geography	3
___ Free Elective	3	Directed Elective: Option between: ANTR 3006 or ANTR 3005 or SOCI 3245 or History Directed Elective: Introduction to Sociocultural Anthropology or Introduction to Cultural Anthropology or Principles of Sociology or History	3

**FOURTH YEAR**

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
EDPE 4126 Methodology of Teaching History and Social Studies at the Secondary Level (Attendance at the Writing Workshop Zone is required)	4	EDPE 4157 Student Teaching Practice	4
FAED 4002 Professional Reflective Seminar II	1	FAED 4003 Professional Reflective Seminar III	1
CIPO 3011 Principles and Problems in Political Science	3	HIST 4225 Theory of History	3
___ Art	3		
___ Literature	3		
Free Elective	3		
<b>TOTAL Credits</b>			<b>128</b>

## Bachelor of Arts in Education with major in Teaching of English as a Second Language K-12

(Apply to students admitted by August 2024 to the College of Education, as well as classified to the BA)

### FIRST YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
ESPA Spanish	3	ESPA Spanish	3
INGL English	3	INGL English	3
HUMA ___ Humanities	3	CISO 3121 Social Sciences	3
EDFU 3011- Foundations of Human Development	3	EDFU 3012 Fundamentals of Educational Psychology	3
CIBI Biological Sciences	3	HUMA ___ Humanities	3
EING 4006 The Teaching of English to Spanish Speakers		CIFI Physical Sciences	3
		FAED 4001 Professional Reflective Seminar I	1

### SECOND YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
TEED 3017 or 3018 Integration of Technology and Computer Use in the Elementary Level Curriculum	3	EING 4045	3
CISO 3122 Social Sciences	3	EDFU 4019 Philosophical Foundations of Education	3
EDFU 3007 Social Foundations of Education	3	EING 4019 Teaching Reading and Writing to Students Taking English as a Second Language at the Elementary Level	3
INGL ___ Oral Communication (Level V or higher)	3	INGL ___ English Literature (level V or higher)	3

First Semester		Second Semester	
INGL 3315 Pronunciation of American English	3	___ Art	3
EING 4007 Educational Materials Preparation Workshop	3	___ Mathematical Logical Thinking	3

### THIRD YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
EDFU 4007 Principles of Research	3	EING 4047 Teaching English Grammar K-12	3
INGL ___ A written communication course in English (Level V or higher)	3	INGL __ (4206 or 4207 or 4236) English Grammar	3
EDFU 3013 Evaluation of Learning	3	EDES 4055 Teaching Strategies for the Inclusion of Students with Special Education Needs in the Regular Classroom	3
EING 4016 Children's Literature	3	EING 4005 Youth Literature	3
EING 4035 Teaching of Reading Skills in ESL Secondary Level	3	Free Elective	3
EDES 4006 Nature and Needs of Exceptional Students	3	Literature _____	

### FOURTH YEAR

First Semester		Second Semester	
Required Courses	crds	Required Courses	crds
HIST ___ History of Puerto Rico	3	EDPE 4016 Student Teaching Practice	4

First Semester		Second Semester	
FAED 4002	1	FAED 4003	1
Professional Reflective Seminar II		Professional Reflective Seminar III	
EING 4XXX Methodology for Teaching of English K-12	4	Free Elective	3
___ Literature	3		
HIST Elective in Unites States History	3		
<b>TOTAL Credits</b>			<b>128</b>



## COLLEGE OF HUMANITIES

### Bachelor of Arts with major in English

*Students can choose between two areas of emphasis: Literature or Linguistics and Communication.*

#### REQUIRED COURSES FOR ALL ENGLISH MAJORS: BA DEGREE

CORE COURSES	MENU OF OPTIONS	CREDITS
One Writing Course	INGL 3231: Expository Writing I INGL 3232: Expository Writing II INGL 3291: Writing About Literature I INGL 3175: Poetry Writing INGL 3236: Scientific Writing INGL 3237: Journalistic Writing INGL 3238: Intro. To Creative Writing INGL 3286: Creative Writing: Fiction	3
One Linguistics Course	INGL 3224: Introductory Readings in Language NGL 4205: Study of Language* INGL 4206: Grammar of Modern English: Sentence and Clause Structure INGL 4208: Development of Modern English *Students in Linguistics and Communication emphasis should take INGL 4205.	3
One Communication Course	INGL 3065: Intercultural Communication INGL 3256: Interpersonal Communication INGL 3257: Public Speaking INGL 3275: Theories of Communication	3
One Literature Course	INGL 3001: British Literature Survey I INGL 3002: British Literature Survey II INGL 3251: American Literature Survey I INGL 3252: American Literature Survey II INGL 3229: Caribbean Experience in Literature INGL 3259: The Immigrant Experience in Literature INGL 3285: Puerto Rican Literature in English INGL 4256: U.S. Latino/a Literature	3
One 4000 Level Elective Course in Area of Emphasis	Choose from Full Menu of 4000 level courses: See Undergraduate Course Catalog [provide link]	3
Total Credits in Core Courses		15

**Required Courses for each area of Emphasis**

**AREA OF EMPASHIS: LITERATURE**

<b>REQUIREMENTS</b>	<b>MENU OF OPTIONS</b>	<b>CREDITS</b>
One Course in British or American Literature	INGL 3001: British Literature Survey I INGL 3002: British Literature Survey II INGL 3251: American Literature Survey I INGL 3252: American Literature Survey II Excess courses in this category may be used as electives.	3
One Course in Literature from Puerto Rico, the Caribbean, Latin America or from the Diaspora	INGL 3229: Caribbean Experience in Literature INGL 3259: The Immigrant Experience in Literature INGL 3285: Puerto Rican Literature Written in English INGL 4256: U. S. Latino/a Literature Excess courses in this category may be used as electives.	3
Electives in Literature or Writing	Students can count a maximum of 3 credits of electives in academic or creative writing courses.  NOTE: Students should consult with their advisor to select electives that best suit their academic and career goals.	9
Area of Emphasis		15
Core Courses		15
Total Credits for BA	At least 6 of the 30 credits must be from 4000- level courses.	30

**AREA OF EMPHASIS: LINGUISTICS AND COMMUNICATION**

<b>REQUIREMENTS</b>	<b>MENU OF OPTIONS</b>	<b>CREDITS</b>
One Introductory Course in Linguistics or Communication	INGL 3275: Theories of Human Communication INGL 4205: The Study of Language	3
One Research Course	INGL 4230: Human Communication Research INGL 4237: Linguistics Research	3

Electives in Linguistics or Communication	Any 3000 or 4000 Level Courses in Linguistics or Communication	6
One Elective Course in English	Any 3000 or 4000 level course offered in English, College of Humanities	3
Area of Emphasis		15
Core Courses		15
Total Credits for BA	At least 6 of the 30 credits must be from 4000 level courses.	30

### **SUMMARY OF DEGREE REQUIREMENTS**

General Education Requirements	36
Core Requirements at the College Level	45
Requirements for the Major in English	30 (15 core + 15 in area of emphasis)
Free Electives	18
Total Number of Credits for Graduation	129

## COLLEGE OF NATURAL SCIENCES

### Bachelor of Science with major in Mathematics

<b>FIRST YEAR</b>				
<b>First Semester Required Courses</b>			<b>Second Semester Required Courses</b>	
MATE 3018- Preparatory Course for Calculus and Analytical Geometry (MATE 3023- Precalculus I, MATE 3024- Precalculus II)	4		MATE 3151- Calculation I	4
HUMA I	3		HUMA II	3
ESPA I	3		ESPA II	3
ENGLISH I	3		ENGLISH II	3
ART	3		CCOM 3030- Introduction to Computer Science	3
<b>SECOND YEAR</b>				
<b>First Semester Required Courses</b>			<b>Second Semester Required Courses</b>	
MATE 3152 - Calculation II	4		MATE 3153- Calculation III	4
CCOM 3033- Introduction to Computer Programming	3		MATE 4031- Linear Algebra	3
MATE 3325- Introduction to Discrete Mathematics	3		Free Elective I	3
Seminar I	1		Literature II	3
Literature I	3		CISO 3122- Introduction to Social Sciences II	3
CISO 3121- Introduction to Social Sciences	3			
<b>THIRD YEAR</b>				
<b>First Semester Required Courses</b>			<b>Second Semester Required Courses</b>	
MATE 5001- Probability I	3		MATE 4009- Ordinary Differential Equations	3
MATE 4032- Upper Algebra I	3		MATE 5002- Statistics I	3
Course with Laboratory I (QUIM, BIOL or FISI)	4		Course with Laboratory II (QUIM, BIOL or FISI)	4

CIBI 4105- Seminar on Current Controversies in the Life Sciences CIFI 4005- Comparative Views of the Origins of Physical Reality, Matter, and the Universe ICFI 4995- Interdisciplinary Issues in the Physical Sciences	3	CIBI 4105- Seminar on Current Controversies in the Life Sciences CIFI 4005- Comparative Views of the Origins of Physical Reality, Matter, and the Universe ICFI 4995- Interdisciplinary Issues in the Physical Sciences	3
Free Elective II	3	Directed Elective I	3
<b>FOURTH YEAR</b>			
<b>First Semester Required Courses</b>		<b>Second Semester Required Courses</b>	
MATE 5201- Advanced Calculation I	3	Directed Elective IV	3
Directed Elective II	3	Directed Elective V	3
Directed Elective III	3	Free Elective V	3
Free Elective III	3	Free Elective VI	3
Free Elective IV	3	Natural Sciences Course	3
Seminar II	1		
		<b>TOTAL CREDITS</b>	<b>124</b>

**Directed Electives:** Options to Choose From

MATE 4033

MATE 5205

MATE 4045

MATE 5037

MATE 4019

MATE 4089 (Geometry)

MATE 5206 (Convex & Discrete Geometry)