



Office of the Dean of Academic Affairs. Rio Piedras, Campus University of Puerto Rico

Table of Contents

Introduction
Principles of the Evaluation Guide
Purposes of the Guide
Areas to evaluate
Data from past years
General aspects to be taken for analysis and discussion
Preparation of the report and evaluation questions by areas to be evaluated
Cover
Executive Summary
Introduction and Purpose of the Evaluation and Background of the Program
Program Findings and Effectiveness
Section I Findings by Area Evaluated
I. Mission, Goals and Objectives
II. Need and relevance of the program
III Curriculum
Section II Program Effectiveness
I Students and learning assessment
II Teaching staff
III Student Services and Academic Supports
IV Information technologies and competencies
V Outreach and Service
VI Program Operation and Effectiveness
VII Fiscal and budgeting aspects
VIII Teaching facilities, laboratories and auxiliary equipment
IX Distinctive Program Accomplishments in the Past Five Years
X Analysis of strengths and areas for improvement based on the lines included in this report
XI Develonment Plan

INTRODUCTION

The University of Puerto Rico establishes in its mission its commitment to the offer and development of programs that respond to the needs of students, the community and the disciplines. It is essential that students develop the knowledge, skills, and attitudes that allow them to respond and contribute to the historical and social reality of Puerto Rico and the international community. With this commitment as a guide, since 1999, the Río Piedras Campus has carried out a systematic process of program evaluation, the results of which have made possible the renewal, review, establishment of changes and innovative processes for the updating of all its academic high school programs. The quality and excellence of the academic offer, which results in the training of the best graduates, are transcendental elements of it.

Certification 55 (2021-2022) of the Governing Board, amends Certification 45 (2019-2020) - Regulations for the Periodic Evaluation of Academic Programs at the University of Puerto Rico. It establishes that the academic programs of all units of the University of Puerto Rico must systematically carry out self-evaluation or review processes. In compliance with this mandate, the Dean of Academic Affairs of the Río Piedras Campus submitted to the Vice Presidency of Academic Affairs of the Central Administration, a five-year plan around the dates on which the self-evaluation corresponds to each program in the next cycle. This cycle constitutes for the Río Piedras Campus the **fourth** cycle of evaluation of all its academic programs.

Self-evaluation, as a dynamic process, has made it possible to point out the strong areas of the program to ensure its continuity, identify those that need improvement and make recommendations regarding their needs, especially in identifying what strategies would help to achieve them.

It should be noted that within this framework, the evaluation of programs is viewed as a process that contributes to the development of the faculties or schools and the Campus. Therefore, it is presented as an analytical and descriptive one, aimed at improving the offerings, which results in action and is based, primarily, on academic criteria.

The coming years impose new challenges for academic institutions. It is necessary that all members of the academic community are actively involved in these processes and that an

environment of systematic and continuous evaluation is generated that results in updated, relevant, effective and innovative programs that serve the country well.

PRINCIPLES GUIDING EVALUATION

The principles that guide the evaluation of high school programs at the Río Piedras Campus are the following:

- Ensure the updating, relevance and effectiveness of nationally and internationally recognized academic programs.
- Contribute to the fact that the units can demonstrate their effectiveness.
- Lay the groundwork for programs to systematically assess student learning outcomes assessment.
- Analyze valid, reliable, and useful information and data generated by the formal bodies of the Institution.
- Take into consideration the great variability and complexity of the programs, in such a way that it provides for the process to be individualized and take into account the particularities and characteristics of the programs.
- Promote communication and effective participation among all parties.
- Be the basis for development plans and curriculum reviews.

PURPOSES OF THE GUIDE

This document presents a guide for the evaluation of the high school programs of the Río Piedras Campus.

This guide presents a series of questions that will allow you to direct the discussion and analysis. In addition, some templates are included that will make it easier to empty the information collected by the program. The program must ensure that it uses data provided by the official sources of the Campus.

When preparing this document, the provisions expressed in Certification 55 (2021-2022) of the Governing Board, December 2021, were taken into account. In addition, the fundamental aspects discussed in the *Guide for the evaluation of academic programs at the University of Puerto Rico, Vice Presidency of Academic Affairs were incorporated into it.*

AREAS TO EVALUATE

A copy of the mission, goals, and objectives of the program must be included. These areas were reviewed during the first cycle of the self-assessment. The sections to be evaluated include the areas of mission, goals and objectives, graduate profile, need and relevance of the program, evaluation of results, students, teaching staff, student services and academic support, as well as technology, information, dissemination and service competencies, operation and effectiveness and fiscal aspects. The area worked on in the previous report related to Facilities, laboratories and auxiliary equipment for teaching must also be updated.

Finally, the effectiveness of the program in achieving its mission, goals, and objectives is evaluated based on the information generated by the analysis.

It should be noted that it is necessary, once each area has been evaluated, to highlight in each of the sections, the strengths and limitations found. This will make it easier to establish at the end of the report the areas that the program should work on as a priority, which must be addressed in the development plan.

DATA FROM PAST YEARS

The <u>Division of Institutional Research and Appraisal (DIIA)</u> will provide the evaluation team with the quantitative data of the program necessary to analyze each area evaluated and validly and reliably support the conclusions, recommendations, and expectations.

The **DIIA** supports this process by providing the official statistical data tables of the Campus, relevant to the evaluation and fundamental for the programs for the analysis of some areas.

GENERAL ASPECTS TO BE TAKEN INTO ACCOUNT FOR ANALYSIS AND DISCUSSION

The stage of analysis and discussion of the area is essential to subsequently write the evaluation report, since it allows us to verify and compare the essential elements of the evaluated area. It is important that:

- Be clear about the essential elements of the mission of the University, the Campus and the Faculty.
- Describe how you obtained the information to formulate the program's mission, goals, and objectives.

- Keep the evidence you have accumulated in the process, such as: meetings, consultations, or any instruments used. This supports and validates the information and analysis.
- Be sure to identify the strengths and limitations, i.e., the capabilities of the program that distinguishes you and those aspects that need attention. Also list recommendations or issues that if carried out would have a positive impact on the achievement of the mission.
- If you have administered any instruments, organized focus groups, or any other method of gathering perceptions or opinions, analyze the information collected in the light of the objectives or criteria set.
- After the document has been approved by the faculty, write the entire process following the suggested format

PREPARATION OF THE REPORT AND EVALUATION QUESTIONS BY AREAS TO BE EVALUATED

Cover

The cover page of the report must include the following information:

- Program Name
- Department
- Faculty or School
- Program Director
- Members of the Evaluation Committee
- Date of report
- Bodies that considered the report and dates

Executive Summary

The executive summary should briefly and concisely include the main findings of the report. It must reflect the core aspects of the report, mainly its essence and salient details, taking into account the following aspects:

- 1. Brief description of the academic program
- 2. Synthesis of the goals and objectives of the programme
- 3. Overview of the evaluation process
- 4. Outstanding findings from the evaluation process:
 - a. Progress demonstrated by the program in light of goals and objectives
 - b. Program Strengths

- c. Areas for improvement
- 5. Recommendations for improving the program
 - a. Conclusions on the current and projected status of the programme
 - b. Proposed actions to address critical issues to improve or maintain the quality of the academic program
- 6. Professional Accreditation Status¹
 - **a.** Programs evaluated by accrediting agencies will notify the Vice Presidency of Academic Affairs and submit the most recent report processed to the accrediting agency and its response. **These programs are exempt from an additional evaluation process.**

¹ Certification No. 138 (2003-2004) of the former Board of Trustees establishes as a policy to maintain the accreditation of academic programs already accredited and promotes meritorious accreditation of those academic programs and services that are susceptible to it. This includes those programs that, although not accredited, have recognized organizations that promulgate standards and best practices based on research and evaluation.

Introduction, Purpose of the Evaluation and Background of the Program

Provide the current description of the program, including a table with the following information:

Program Name	
Degrees awarded	
Report Date	
Five-year period to be assessed (indicate the academic years covered by the assessment)	
Specialized or professional accreditations (if applicable)	
Authorizations and License	
Program Director	
Date of last curricular revision	
Other program information that you consider relevant	

In this section, you should include information pertinent to the program that helps put the reader in context.

FINDINGS AND EFFECTIVENESS OF THE PROGRAM

SECTION I FINDINGS BY AREA EVALUATED

I. Mission, Goals and Objectives

In this section, include the most recent version of the mission, goals, and objectives, approved by the constituents of the program. See table #1. In addition, in this section, fill out a table that shows the alignment and matching between the mission of the Campus, the Faculty, and the evaluated program. See table #2. Together with the program evaluation team, answer the following questions:

l.	What modifications, if any, and in what academic year, were made to the mission, as well as to the goals and objectives of the program for its actualization?
2.	What means are used to make the mission of the program known to the academic community of the unit?
š.	Present evidence of achievement of program goals and objectives.
١.	To what extent did the program meet the scope and expected purposes?

TABLE 1. MISSION, GOALS AND OBJECTIVES OF THE PROGRAM

N	Mission
Write in this spa	ce the mission program
Goals	Objectives
Cons	Objectives
]	
•	
•	

Table 2. Alignment between the mission of the Campus, Faculty or School and Academic Program

Faculty or School	
Program Name	

Mission of the Río Piedras	Mission of the Faculty or	Mission of the Program
Campus	School	G
To promote the comprehensive training of students through study programs that promote: intellectual curiosity, critical capacity, continuous learning, effective communication, appreciation and cultivation of ethical and aesthetic values, participation in the processes of		
the Campus, as well as awareness and social		
responsibility To provide graduate education of the highest quality whose core elements are research and creation, and that helps to strengthen undergraduate education. In addition, to provide post-baccalaureate programs for the training of professionals of the highest caliber, committed to the ideals and values of Puerto Rican society.		
To provide undergraduate education of excellence that offers a comprehensive vision of knowledge. This should include general education and specialized training and develop capacities for independent study and research.		
To develop teaching, research, and service and integration into the community in accordance with the historical-social reality of Puerto Rico, in harmony with its Caribbean and Latin American environment, and projecting itself to the international community. The stock of knowledge relevant to		

Mission of the Río Piedras <u>Campus</u>	Mission of the Faculty or School	Mission of the Program
the consolidation of the Puerto		
Rican nationality, its history,		
language and culture will be		
enriched and strengthened. But		
the development and		
dissemination of knowledge at		
an international level will also		
be promoted.		
To develop innovative and		
relevant research, community		
service, and continuing		
education programs that respond		
to and contribute to the		
academic and professional work		
of the Campus. They should also		
contribute to the transformation		
and continuous progress of		
Puerto Rican society, to the		
analysis and formulation of		
solutions to the country's socio-		
economic and political		
problems, and to the improvement of the quality of		
life.		

TABLE 3. PROFILE OF THE PROGRAM GRADUATE

Include the profile of the graduate of the program that was approved in the most recent curriculum review.

Present the competencies as expressed in your profile.

A.	Knowledge
B.	Skills
C.	Attitudes and Values

II. Need and relevance of the program

This section describes the scope of the program in response to the needs of the population. In addition, the unique characteristics of the program, the existence of other similar programs within the Campus, the university system and other institutions, the relationship with other programs, demand for the program and other relevant aspects are recognized.

What characteristics make the program under evaluation a distinguishable and valuable study alternative in the unit, in the university system and in comparison with other institutions?
What is the impact of the program on other programs or departments of the unit or system? Include topics such as shared courses, or lines of research, articulations, interdisciplinary activities, and others.
If programs of another level are offered in the discipline or professional area, what is their relationship with the program under evaluation?

4. What data shows that the program was adequate to meet the identified needs and opportunities?

riculum	1 4	. 1		1 .	1	1 1	
How adequat competencies					hieving the	e developi	nent (
 N 11	. 41	C	1:0 1	1:	4.1	41.	. C.
Please indicat			modified,	or elimina	ted courses	in the pas	t five
Please indicat			modified,	or elimina	ted courses	in the pas	t five
lease indicat	e the course	e code:				_	t five
	e the course	e code:	Mod	ified	Dele	eted	t five
lease indicat	e the course	e code:		ified		_	t five
lease indicat	e the course	e code:	Mod	ified Course	Dele	ted Course	t five
YEARS	e the course	e code:	Mod	ified Course	Dele	ted Course	t five
YEARS 2017	e the course	e code:	Mod	ified Course	Dele	ted Course	t five
YEARS 2017 2018	e the course	e code:	Mod	ified Course	Dele	ted Course	t five
YEARS 2017 2018 2019	e the course	e code:	Mod	ified Course	Dele	ted Course	t five

SECTION II EFFECTIVENESS OF THE PROGRAM

I. Students and learning assessment

A.1 Quota, recruitment and admissions of new entrants from high school

Analyze the following tables provided by DIIA and fill in the information as applicable: <u>Undergraduate Statistics by Subject</u> Click on the Applicants, **Admitted**, **and Enrolled links** to obtain the corresponding information about your program. **Only include the first alternative data**. For quota information, please click on the word Quotas in the table.

YEARS	QUOTAS	APPLICANTS*	ADMITTED	ENROLLED
2017				
2018				
2019				
2020				
2021				

^{*}First Choice Applicants.

effective has	the program bee	n in achievin	g the quota for	r new entrants?	

A.4 Transfers

Analyze the following tables provided by DIIA and fill in the information as applicable: <u>Undergraduate Level Statistics by Subject</u> Look for the corresponding years in the report Readmissions, Transfers, Reclassifications and Transfers.

	TRAN	SFERS	
YEARS	APPLICANTS	ADMITTED	ENROLLED
2017			
2018			
2019			
2020			
2021			

A.5 Transfers

Analyze the following tables provided by DIIA and fill in the information as applicable: <u>Undergraduate Level Statistics by Subject</u> Look for the corresponding years in the report Readmissions, Transfers, Reclassifications and Transfers.

	TRAN	SFERS	
YEARS	APPLICANTS	ADMITTED	ENROLLED
2017			
2018			
2019			
2020			
2021			

A.6 Readmissions

Analyze the following tables provided by DIIA and fill in the information as applicable: <u>Undergraduate Level Statistics by Subject</u> Look for the corresponding years in the report Readmissions, Transfers, Reclassifications and Transfers.

	READM	ISSIONS	
YEARS	APPLICANTS	ADMITTED	ENROLLED
2017			
2018			
2019			
2020			
2021			

A.7 Reclassifications

Analyze the following tables provided by DIIA and fill in the information as applicable:

<u>Undergraduate Level Statistics by Subject</u> Look for the corresponding years in the report Readmissions, Transfers, Reclassifications and Transfers.

	RECLASSI	FICATIONS	
YEARS	APPLICANTS	ADMITTED	ENROLLED
2017			
2018			
2019			
2020			
2021			

A.8 Total enrolment

Analyze the following tables provided by DIIA and fill in the information as applicable: <u>Undergraduate level statistics by subject</u> then click on the Total **Enrollment link**

YEARS	First Semester Enrolment	Second Semester Enrollment
2017		
2018		
2019		
2020		
2021		

A.9	What has been the trend in the total enrollment of the program in the past 5 years?

Analyze the following tables provided by DIIA and fill in the information as applicable:). <u>Undergraduate level statistics by subject</u> then click on the Degrees conferred link.

YEARS	NUMBER OF DEGREES CONFERRED
2017	
2018	
2019	
2020	
2021	

A.11	What has been the trend in the degrees conferred by the program in the past 5 years?
L	

A.12 Graduation Rates

Analyze the following tables provided by DIIA and fill in the information as applicable: **Undergraduate level statistics by subject** then click on the Graduation Rate link .

YEARS	Cohort	Graduation Rate (%)
2017-18	2011	
2018-19	2012	
2019-20	2013	
2020-21	2014	
2021-22	2015	

A.13	According to	graduation	rate	data,	were	students	able	to	complete	the	program	in	the
establ	ished time?												

	What actions have been implemented or will be implemented to maintain or improve ts obtained?
S	tudent Learning Assessment
rı e gı	For information on your program's student assessment provided by the Office of Student Assessment, please visit the following link: Undergraduate Student Learn sement. This link will take you to a dashboard where you can filter the data by undergraduam, semester, academic year, and learning outcomes. On page 3 of the dashboard you the Transformative Actions by program and academic semester from 2019 onwards.
• .	Do you have a student learning assessment plan developed by your program?
	_Yes_No
•	Present the competencies of the profile that have been evaluated according to what established in your student learning evaluation plan. (This may include the student learn assessment plan or the program's particular assessed competencies.)
•	established in your student learning evaluation plan. (This may include the student learning
•	established in your student learning evaluation plan. (This may include the student learn
•	established in your student learning evaluation plan. (This may include the student learning
	established in your student learning evaluation plan. (This may include the student learning
	established in your student learning evaluation plan. (This may include the student learn assessment plan or the program's particular assessed competencies.) What information or evidence of the learning of these competencies does the data collection.

. Retention				
	following tables pro	ovided by DIL	A and fill in the in	formation as applica
rgraduate leve	l statistics by subjec			
holding data				
	YEARS	Cohort	Retention Rate (%)	
	2017-18	2016]
	2018-19	2017		
	2019-20	2018		
	2020-21	2019		_
	2021-22	2020		
		!1	4 111 1 - 1 1 -	
1 71, -44'	r strategies nave bee	en implemente	ed or will be imple	mented to increase t
What actions o	e program?			
What actions of the	e program?			
What actions o ion rates of the	e program?			
What actions o ion rates of the	e program?			
What actions of the	e program?			

II. Teaching staff

To. Complete the following table: Total number of publications, lectures, and other creative work activities of the program's faculty.

YEAR	NUMBER OF PUBLICATIONS							NUM	BER O	F CONFE	RENCES		R	UMBER ESEAR OR PRO	
		eer-revi journals			Other			ires giv			ctures givernationa				
	R	NT -C	NT - P	R	NT -C	NT - P	R	NT -C	NT - P	R	NT - C	NT - P	R	NT -C	NT - P
2017															
2018															
2019															
2020															
2021															
TOTAL															

R = number of regular teachers

NT C = number of full-time temporary appointments NT P = number of temporary part-time appointments

B. Diversity in teacher training:

Indicate the number of professors per academic year, according to type of appointment and highest grade obtained:

	201	7-18	201	8-19	2019	9-20	202	0-21	2021	-2022
Number of Teachers by Type of Appointment	teacher the hi	per of rs with ghest ee of:	teache the h	ber of rs with ighest ee of:	teacher the hi	per of rs with ghest ee of:	teache the hi	ber of rs with ighest ee of:	teache the hi	ber of rs with ghest be of:
	M*	D*	M	D	M	D	M	D	M	D
Regular appointment										
Temporary appointment full task										
Temporary appointment part-time assignment										
Total										

^{*}M = Mastery

D = Doctorate

C. Geographical region of university of origin
Indicate the number of professors that the program currently has, according to type of appointment and geographical region of the university of origin

Number of Teachers by Type of Appointment	Puerto	Rico	Carib	bean	La Ame	tin erica		States anada	Eur	rope	As	sia	Afi	rica	Oce	<u>ania</u>
	M*	D*	M	D	M	D	M	D	M	D	M*	D*	M	D	M	D
Regular appointment																
Temporary appointment full task																
Temporary appointment part-time assignment																
Total																

^{*}M = Mastery D = Doctorate

Recruitment

C.1 Please complete in the following tables the number of teachers who have retired from the program in the last five (5) years and the projected number of teachers to retire in the next five (5) years:

Years	Number of retired teachers, last five years
2017-18	
2018-19	
2019-20	
2020-21	
2021-22	
Total	

Years	Projected number of teachers to retire in the next five years
2022-23	
2023-24	
2024-25	
2025-26	
2026-27	
Total	

aisal, diversity,	• •	n emerging knowledge arning, among other to	
mission.			

III. Student Services & Academic Support

1.	How does the program collect information on student satisfaction in relation to:
	guidance and counseling services, academic advising, classrooms, laboratories, and
	other student services?

-	
-	

If the program collected information on student satisfaction in relation to guidance and counseling services, please indicate the percent (%) satisfaction rate for each academic year. (The number will represent the percent, the form does not accept percent symbol.) If not, continue to the next question.

Years	Satisfied – Guidance and counseling (%)	Regular Guidance and counseling (%)	Unsatisfied Guidance and counseling (%)
2017-18			
2018-19			
2019-20			
2020-21			
2021-22			

Years	Satisfied – Academic Counseling (%)	Regular Academic Counseling (%)	Unsatisfied Academic Counseling (%)
2017-18	Counseling (70)	Counseling (70)	Counseling (70)
2018-19			
2019-20			
2020-21			
2021-22			

Years	Satisfied – Salons &	Regular	Unsatisfied
	Laboratories (%)	Salons and Laboratories (%)	Salons and Laboratories (%)
2017-18		20001001100 (70)	
2018-19			
2019-20			
2020-21			
2021-22			

	program to students?
Lea	rning Technology and Resources
	changes or revisions were made to ensure the effectiveness of the integration of learn and information in the academic components?
	<u>-</u>
	and the museum demonstrate its museums and achievements in the year and intermetical
	oes the program demonstrate its progress and achievements in the use and integration gy? Consider the following:
•	Integration of information competencies into the curriculum, including computer
	skills and computer literacy
•	Strengthening research
•	Strengthening services
•	Development of the Faculty in the use of information technologies.

V. Disclosure and Service

1. To what extent the program engaged students and staff in public professional service opportunities, community projects, and internships. Indicate the number of students who participated in boarding schools, community projects, etc. per academic year.

YEARS	Number of students participated in Boarding Schools	Number of students participated in Community Projects	Public Professional Services	Other related services
2017		_		
2018				
2019				
2020				
2021				
Total				

2. How up-to-date are the program website and other electronic media in which program
information is disseminated? Are curriculum sequences, course descriptions, and related
information posted on the program's website?

Please include links to the program website and social media pages, where applicable.

VI. Program Operation and Effectiveness

1. How was the	participation of	f faculty, suppo	rt staff, and st	tudents promo	ted in the ope	eration of
the program?				_	_	

	at changes or revisions did the program make in the administrative and managerial onents to ensure its effective operation?
_	
_	
]	Fiscal and budgeting aspects
S	scribe how the program works in relation to available fiscal resources
_	
_	

continuity and what was its impact?

YEARS	Number of Projects or Research	Amount of External Funds received (\$)	Name(s) Research(es) or Project(s)
2017			
2018			
2019			
2020			
2021			
Total			

_	Comment:
VIII.	Teaching facilities, laboratories and auxiliary equipment. Update this section, (if applicable), from the last self-assessment report.
	the program have the facilities, laboratories, equipment, instruments, and other auxiliary rees projected five years ago?
_	
	ve the facilities, laboratories and auxiliary equipment been updated to meet the advances ogram and in the discipline?
_	
X. D	Distinctive Achievements of the Program in the Past Five Years
	ibe the concrete actions completed as a result of the implementation of the development nat was drafted during the relevant evaluation cycle and the achievements achieved.
_	
-	
-	

analysis of strengths and areas for improvement based on the lines added in this report. Include the corrective actions that are proposed			
	.	- word and proposed	

University of Puerto Rico, Río Piedras Campus **Development Plan**

Program Name:

Faculty or School:				
Report Date:				
2022) "Based on the analysis of the these Regulations and the aforement	findings of the evaluation process, the Entioned guidelines. The report must inclu	Evaluation Committee of each program sh	all prepare a writte evaluation and effe	ording to Article 8: A-4 of Cert. 55 (2021- en report in accordance with the provisions of ctiveness indicators, including a development attention."
Program Mission:				
Goal	Objective(s)	Strategies and activities to be carried out	Date to be completed	Measure of achievement

Goal	Objective(s)	Strategies and activities to be carried out	Date to be completed	Measure of achievement
			•	

Goal	Objective(s)	Strategies and activities to be carried out	Date to be completed	Measure of achievement

Rev. March 31, 2022