



# **Orientation Presentaion for Candidates Teacher Certification Exam (PCMAS) March 2019**

School of Education

Date: Monday, January 14, 2019

Time: 4:30PM – 6:00PM

Place: Room 523

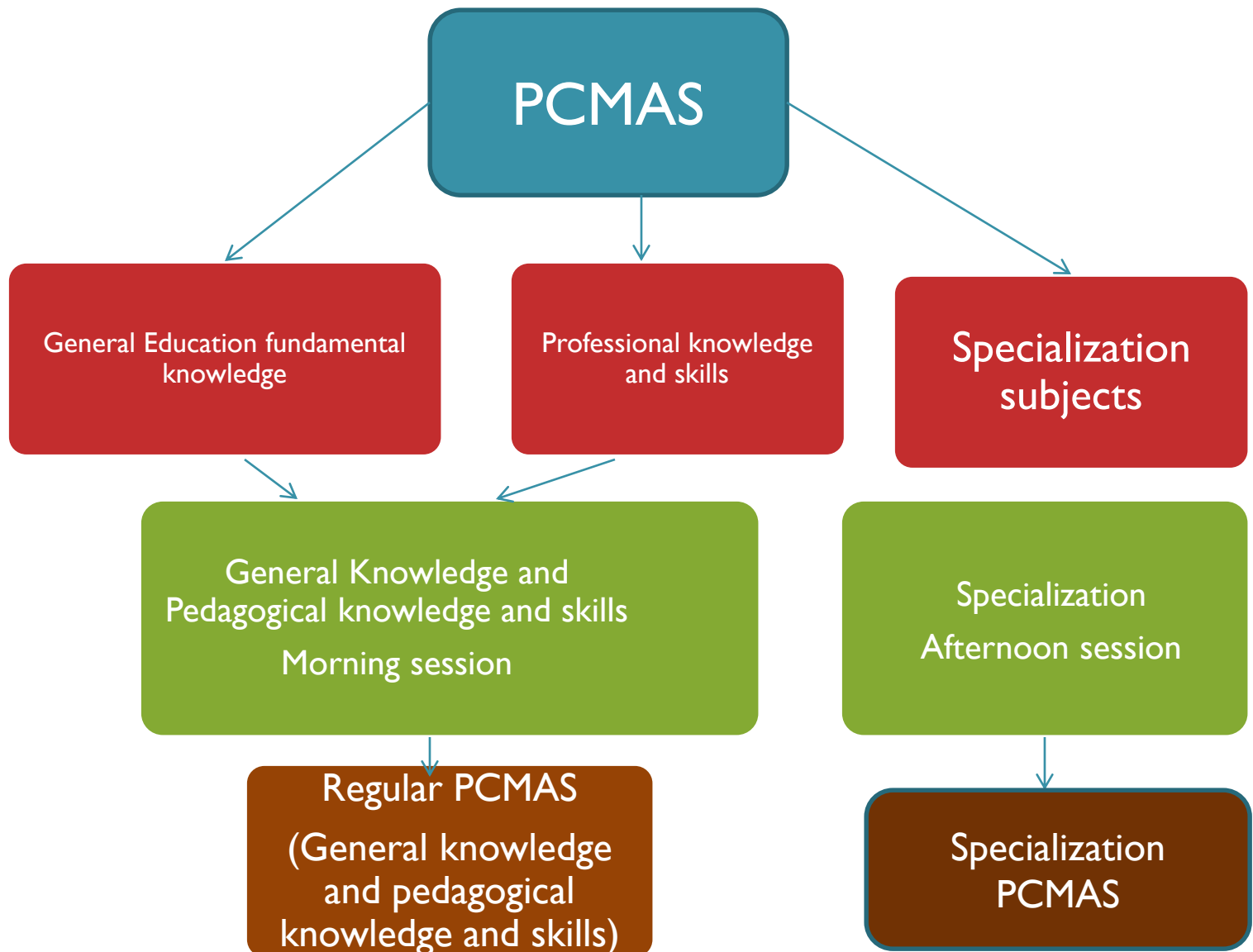
# PCMAS Orientation

- Law 149 of July 15, 1999, known Organic Law of the Puerto Rico Department of Education (PRDE); as well as the Educational Reform of 1993 and the document stating Regulations for Teacher Certification of the PRDE, establish the academic and professional requirements for teacher certification in Puerto Rico. Document Num. 34-2015-2016 of DEPR, states that according to regulation 8146 of Teacher Certification in Puerto Rico, dated January 25, 2012, one of the requisites to obtain the teacher's certificate (license) from the PRDE of the Commonwealth of Puerto Rico is passing score on the Teacher Certification Exam (PCMAS).
- This regulation applies to any person aspiring to hold a position as teacher in Puerto Rico.

# PCMAS Orientation

- The Teacher Certification Exam consists of:
  - - A general section:
    - Fundamental knowledge communication skills;
    - Teaching knowledge and skills at the elementary or secondary level
  - - A concentration (or major) section:
    - Includes subjects such as:
      - Spanish
      - English
      - Math
      - Social Studies
      - History
      - Science
      - Or whichever is the candidate's specialty

# Changes in PCMAS since 2016



# PCMAS 2019

## Morning session-Regular PCMAS

### PART I

- candidate will respond to exercises about fundamental concepts such as:
  - social sciences
  - humanities
  - natural sciences
  - mathematics
  - spanish
  - english

### PART IIA

- Candidate is required to answer exercises related to pedagogical competencies such as:
  - fundamentals of education
  - human development and its implications
  - philosophy of education
  - learning psychology
  - sociology of education

### PART IIB

Methodology:  
will measure concepts of instructional models design and instruction of teaching models

Evaluation and assessment including design, construction and use of diverse evaluation and assessment instruments and application in the school scenarios.

### PART III

- Integration of all areas examined in the morning

### PART IV

Candidate will resolve a pedagogical situation at his/her chosen level of study that must be answered in 30 minutes or less.

# Specialization Test - Spanish

- 2 hours and 20 minutes
- Consists of 5 exercises. Content is divided in the following areas:
  - General language concepts (1 question)
  - Orthography and morphology (transversal)
  - Spanish of America (1 question)
  - Non-literary texts(1 question)
  - Literary texts (2 questions)
- Written expression – Quality of written expression will be evaluated in transversal manner in each of the answers to every exercise
- Exercises must be answered in essay form.

# Specialization Test - English

- 2 hours and 20 minutes
- Consists of 5 exercises divided in the following areas:
- Linguistics (1 question)
  - Syntax, morphology, and semantics
  - Phonetics, Phonology, and Phonetic Alphabet
  - Comparative Analysis of English and Spanish
- Literature (2 questions)
  - Children's Literature (Elementary level)
  - Young Adult Literature (Secondary level)
  - Reading Comprehension through Poetry, Drama, Narrative Fiction, and Literary Nonfiction
- Theories, Principles and Methodology (2 questions)
  - Second Language Acquisition Theory
  - ESL Curriculum and Methodology
  - ESL Materials
  - ESL Standards and Legal Issues related to ESL education
    - Puerto Rico Core Standards of the English Program
    - Supreme Court rulings including students with special needs (Ex: Castañeda v. Pickard and Lau v. Nichols, and laws pertaining to students with special needs)
  - Literacy Development (early literacy development – elementary, and advanced literacy development – secondary)
  - Assessment (Ex. rubrics, informal reading inventories, miscue analysis, and self-evaluation)



# Specialization Test - Mathematics

- 2 hours and 20 minutes
- Consists of 6 exercises divided in the following areas:
  - Numeration and Operations (transversal theme)
    - Sets of natural numbers, whole, rational, irrational and real numbers and their properties
    - Systems of real numbers and complex numbers
  - Algebraic structures (1 question)
  - Relations and Functions (2 questions)
    - General concepts and characteristics of functions and relations; sets, solving equations, no equations, and systems of equations and no equations
    - Measurement and Analysis (1 question)
      - Problems related to computing perimeter, area and volume of geometric figures. Exercises and applications of differential and integral calculus, successions and series, and general counting principles are included.
    - Euclidean and Analytic Geometry (1 question)
      - Main aspects of Euclidean geometry. Emphasis on properties of lines, planes, angles, polygons, and circumferences; also includes analytic geometry.
  - Probability and Statistics(1 question)–
    - Problems on probability and descriptive and inferential statistics.



## Specialization Test - Science

- 2 hours and 20 minutes
- Consists of 5 exercises divided in the following areas:
  - Biology (1 exercise)
  - Chemistry (1 exercise)
  - Physics (1 exercise)
  - Probability and Statistics (1 exercise)
  - Candidate will select one (1) exercise from one of the following areas: areas: Biology, Chemistry, and Physics.
  - Calculators are allowed. A copy of the Periodic Table and necessary formulas will be supplied to the candidate.
  - Evaluation will be conducted through open exercises (discussion)


## **Specialization Test – Social Studies/History**

- 2 hours and 20 minutes
- Consists of 6 exercises and is divided in the following areas:
  - History of Puerto Rico (2 questions)
  - History of the United States (1 question)
  - History of Latin America(1 question)
  - Ancient, Medieval, and Modern History up to the Renaissance (1 question)
  - Social Sciences (1 question).
- Emphasis will be on History of Puerto Rico, History of the United States, and Social Studies because the standards and curriculum of the PRDE places emphasis in these areas.

# Requirement upon taking the Exam

- A student that fails the General battery will have to take the whole test again.
- All students must answer the pedagogical situation. Failure to do so will invalidate the exam and will have to retake it.
- Go to the College Board site and download the following:
  - Study Guide (General Battery):  
<https://latam.collegeboard.org/publicaciones/guia-de-estudio-pcmas-general/>
  - Study Guide (Specialization Battery):  
<https://latam.collegeboard.org/publicaciones/guia-de-estudio-pcmas-especialidades/>

# Registration Dates



Registration deadline:  
**February 1, 2019**

Late Registration: February 8, **2019**  
Cost \$75.00

Deadline for submitting Reasonable  
Accommodation papers: **January 18,**  
**2019**

Place: School of Education - 5th floor  
with Prof. Czarina Rodríguez  
Mondays and Thursdays **from 3:00PM**  
**to 6:00PM**

# COSTS

REGULAR BATTERY \$235

SPECIALIZATION BATTERY \$120

**Payment Methods:**

**Institutional or managers check or  
money order sent by regular mail**

**In person at the College Board Offices:**  
Credit card (Visa, MC, Amex, Discover) or  
Debit Card

# Test Administration

## Date and Time

- Friday, March 8, 2019
- General Battery: 8:00AM (2 hours 20 minutes + pedagogical situation– 30 minutes)
- Specialization Battery: 1:30PM (2 hours con 20 minutes)

## Site of test administration

- Inter Metro – San Juan
- Inter – Arecibo
- Católica – Mayagüez
- Católica – Ponce
- Univ. Turabo – Gurabo

# Registration Procedure

- Go to the School of Education office of Prof. Czarina Rodríguez. Bring a filled out student copy of your transcript and a course sequence to carry out an academic evaluation.
- To qualify students must have at least 90 credits approved with a GPA of 3.0
- If you qualify, you sign the Official Authorization to take PCMAS.
- Prof. Rodríguez will give you the application. It is the student's responsibility to fill it out and submit the application on time to the Office of the College Board in person or through the mail in the preaddressed envelope included in the packet.



# Reminders

- It is important that when you fill out the application you authorize to send the results to the university or give us a copy of your results once you receive them.
- **IMPORTANT:** This year the only documents the packet will contain are: the official permission to take the exam, the application, and the preaddressed envelope.
- Study Guide and Instructions must be downloaded at: <https://latam.collegeboard.org/publicaciones/> (all are on page 4)

# Reasonable Accommodations

- According to Law ADA, whoever needs reasonable accommodations, must have them.
  - Complete the application and send it to the College Board on or January 18, 2019. You may download it at:  
<https://latam.collegeboard.org/publicaciones/peticion-de-acomodo-razonable/>
  - Application must be submitted with:
    - Official authorization and permission to take PCMAS from the university
    - Complete section V of the Reasonable Accommodations application by an authorized medical doctor or a licensed mental health professional
    - Medical certificate stating which reasonable accommodation is required
    - Deadline: January 18, 2019
    - More details may be found at:
      - <https://latam.collegeboard.org/events>

# The day before the exam...

- Organize your materials and place them in a convenient place so you pick them up in the morning. Your materials should include:
- Admission ticket will arrive in the mail
- Photo ID
  - Several number 2 pencils with eraser
  - Instructions to get to the Exam center you chose
  - Calculator (only for Science students)

# PCMAS Review Calendar

DATE	TIME	TOPICS	RESOURCE	DURATION / HOURS	ROOM
12-1- 2018	9:00AM – 2:00PM	• Sociological and philosophical foundations	Dr. Josefina Tejada	5	503
12-8- 2018	9:00AM – 2:00PM	• Development and learning psychology	Prof. Ivonne Rivera	5	503
12-15- 2018	1:00PM – 4:00PM	• General English	Prof. Czarina Rodríguez	3	503
12-1-2018	9:00AM – 2:00PM	• General concepts of curriculum • Integration of Technology in the Classroom	Dr. Yolanda Martínez	5	503
01-19- 2019	9:00AM – 12:00PM	• Educational Research	Dr. Samuel Febres	3	503
01-19- 2019	1:00PM – 5:00PM	• Methodologies of Learning	Dr. Migdalia Núñez	4	503
01-25- 2019	4:00PM – 9:00PM	• Evaluation and Assessment	Prof. Sara Ríos	5	504
02-02- 2019	9:00AM – 2:00PM	• Spanish – non-discursive	Dr. Maribel Tamargo	5	503
02-09- 2019	9:00AM – 12:00PM	• General Mathematics	Dr. Sonia García	3	503
	1:00PM – 5:00PM	• Specialization Math	Dr. Sonia García	4	503
02-16- 2019	9:00AM – 12:00PM	• Exceptional Student Populations	Dr. Awilda Dieppa	3	503
	1:00PM – 5:00PM	• Specialization English	Prof. Czarina Rodríguez	4	503
02-23- 2019	9:00PM – 12:00PM	• General History	Dr. Jorge Larrache	3	503
	1:00PM – 4:00PM	• Specialization History	Dr. Jorge Larrache	3	503
03-02- 2019	9:00AM – 12:00PM	• General Science	Dr. Jacqueline López	3	503
	1:00PM– 4:00PM	• Specialization Science	Dr. Jacqueline López	3	503

# Access to PCMAS information

- On the Web: Access to manuals, study guides, instructions, announcements and forms
- <https://latam.collegeboard.org/pcmas/>
  - Good luck!!