The UPRM TPP's conceptual framework (shared values and beliefs – see 2.2.3) is consistent with UPRM Student Learning Outcomes, Puerto Rico Professional Standards for Teachers, CAEP standards, and with InTASC 2013 performance standards. Based on current teaching-learning theory, validated neuroscience learning research, and wisdom of practice to assure that its candidates develop the knowledge, the skills, and the dispositions to be effective teachers in the PR school system, here are the ten core UPRM TPP teacher candidate proficiencies.

	Alignment of InTASC 2013 with	UPRM TPP Candidate Profici	encies and Applicable Professi	onal Standards	
Alignment with Applicable Professional Standards InTASC Principles 2013	Candidate Proficiencies UPRM ¹ TPP	ISTE Teacher Standards	CAEP Standard	Puerto Rico Professional Standards for Teachers (PR-PST)	Institutional Students Learning Outcomes (SLO)
LEARNER AND LEARNING InTASC 1: Learner Development. The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.	UPRM TPP 3. Possess knowledge of human development and learning. Prepare teachers that understand how children learn and develop so that they can provide opportunities that support their intellectual, social, and personal development promoting the integration of knowledge in all its manifestations. Prepare teachers to be consumers of sound research with the purpose of identifying fundamental strategies to encourage academic proficiency.	ISTE 2. Design and develop digital age learning experiences and assessments. 2c. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources.	CAEP 1: Content and Pedagogical Knowledge 1.1 Deep understanding of: the learner and learning; content; instructional practice; and professional responsibility. CAEP 2: Clinical Partnership and Practice 2.3 Develop KSD and positive impact on all students CAEP 3: Candidate Quality, Recruitment, and Selectivity 3.4 Monitoring progression of all candidates 3.5 Employing high exit criteria 3.6 Developing understanding of professional/ethical aspects of teaching CAEP 4: Program Impact 4.1 Completer impact on student growth and learning	PRDES 2: Pedagogical Knowledge	By the time of graduation UPRM students will: Become an intentional learner. Demonstrate creative and critical thinking Communicate effectively Identify and solve problems, think critically, and synthesize knowledge appropriate to their discipline. Apply mathematical, scientific, and technology skills. Apply interpretative and integrative skills

¹ For more detailed theoretical explanations see 2.2.3 UPRM Conceptual Framework revised 2016

LEARNER AND LEARNING	UPRM TPP 9. Demonstrate	ISTE 4. Promote and	CAEP 1: Content and	PRDES 5: Diversity	By the time of
InTASC 2: Learning Differences.	sensitivity to diversity.	model digital citizenship	Pedagogical Knowledge	& Special Needs	graduation UPRM
The teacher uses understanding	Prepare teachers to	and responsibility	1.1 Deep understanding of:		students will:
of individual differences and	recognize and value a		the learner and learning;		Communicate
diverse cultures and	diversity of learning styles,	4a Advocate, model,	content; instructional		effectively.
communities to ensure	social and talents as well as	and teach safe, legal,	practice; and professional		
inclusive learning environments	diversity related to social,	and ethical use of	responsibility.		Identify and solve
that enable each learner to	economic, and cultural	digital information			problems, think
meet high standards.	experiences, intelligences	and technology,	CAEP 2: Clinical Partnership		critically, and
	and talents. Furthermore,	including respect for	and Practice		synthesize
	prepare teachers to value all	copyright, intellectual	2.3 Develop KSD and		knowledge
	students regardless of their	property, and the	positive impact on all		appropriate to their
	race, color, religion, gender	appropriate	students		discipline.
	or sexual orientation,	documentation of			
	linguistic ability, ethnic origin	sources	CAEP 3: Candidate Quality,		
	or geographical area and to		Recruitment, and Selectivity		
	respond to this diversity of	4b. Address the diverse	3.4 Monitoring progression		
	learners with the variety of	needs of all learners by	of all candidates		
	instructional opportunities	using learner-centered	3.5 Employing high exit		
	which promote the	strategies providing	criteria		
	development of critical	equitable access to	3.6 Developing		
	thinking, problem solving,	appropriate digital tools	understanding of		
	and performance skills of	and resources	professional aspects of		
	each individual.		teaching		
			CAEP 4: Program Impact		
			4.1 Completer impact on		
			student growth and		
			learning		
			4.2 Teacher effectiveness		

LEARNER AND LEARNING	UPRM TPP 6. Demonstrate	ISTE 3.Model digital age	CAEP 1: Content and	PRDES 4: Learning	By the time of graduation
InTASC 3: Learning	community-building skills.	work and learning.	Pedagogical	Environments	UPRM students will:
Environments. The teacher	Prepare teachers to foster	Teachers exhibit	Knowledge		Demonstrate creative and
works with others to create	relationships with school	knowledge, skills, and		PRDES 7:	critical thinking.
environments that support	colleagues, parents, and	work processes	CAEP 3: Candidate	Technology	Communicate effectively.
individual and collaborative	educational partners in the	representative of an	Quality, Recruitment,	Integration	Identify and solve
learning, and that encourage	larger community to support	innovative professional in	and Selectivity		problems, think critically,
positive social interaction,	student learning and	a global and digital	3.4 Monitoring	PRDES 8:	and synthesize knowledge
active engagement in learning,	well being thereby	society.	progression of all	Communication &	appropriate to their
and self-motivation.	encouraging the		candidates	Language	discipline.
	development of ethical, civic,	3b. Collaborate with	3.5 Employing high exit		Apply interpretative and
	moral and esthetic values in	students, peers, parents,	criteria		integrative skills.
	harmony with individual and	and community members	3.6 Developing		Relate global contexts and
	collective necessities for	using digital tools and	understanding of		issues of importance to
	achieving a culture of peace	resources to support	professional aspects of		Puerto Rico
	and justice.	student success and	teaching		
		innovation.			
		3c Communicate	CAEP 4: Program		
		relevant information and	Impact		
		ideas effectively to	4.1 Completer impact		
		students, parents, and	on student growth and		
		peers using a variety of	learning		
		digital age media and	4.2 Teacher		
		formats	effectiveness		

CONTENT	UPRM TPP 1. Possess	ISTE 1. Facilitate and	CAEP 1: Content and	PRDES 1: Content	By the time of graduation
InTASC 4: Content Knowledge.	content knowledge. Prepare	inspire student learning	Pedagogical	Knowledge	UPRM students will:
The teacher understands the	teachers that understand the	and creativity	Knowledge		Demonstrate creative and
central concepts; tools of	central concepts, tools of	Teachers use their	1.1 Deep	PRDES 8:	critical thinking.
inquiry, and structures of the	inquiry, and structure of	knowledge of subject	understanding of: the	Communication &	Identify and solve
discipline(s) he or she teaches	their discipline in a way that	matter, teaching and	learner and learning;	Language	problems, think critically,
and creates learning	they can provide learning	learning, and technology	content; instructional		and synthesize knowledge
experiences that make the	experiences that make these	to facilitate experiences	practice; and		appropriate to their
discipline accessible and	aspects of the subject matter	that advance student	professional		discipline.
meaningful for learners to	meaningful to students.	learning, creativity, and	responsibility.		Apply mathematical
assure mastery of the content.	Encourage teachers to seek	innovation in both face-			reasoning skills, scientific
	to deepen their knowledge in	to-face and virtual	CAEP 2: Clinical		inquiry methods, and tools
	their discipline, be it natural	environments.	Partnership and		of information technology.
	sciences, social sciences,		Practice		Apply interpretative and
	mathematics, physical	1a. Promote, support,	2.3 Develop KSD and		integrative skills
	education, Spanish, English,	and model creative and	positive impact on all		
	health, humanities, business,	innovative thinking and	students		
	agriculture, technology or	inventiveness			
	other.		CAEP 3: Candidate		
		1b. Engage students in	Quality, Recruitment,		
		exploring real-world	and Selectivity		
		issues and solving	3.4 Monitoring		
		authentic problems using	progression of all		
		digital tools and	candidates		
		resources			
			CAEP 4: Program		
			Impact		
			4.1 Completer impact		
			on student growth and		
			learning		
			4.2 Teacher		
			effectiveness		

CONTENT	UPRM TPP 4. Demonstrate	ISTE 1. Facilitate and	CAEP 1: Content and	PRDES 2:	By the time of graduation
InTASC 5: Application of	creative critical thinking.	inspire student learning	Pedagogical	Pedagogical	UPRM students will:
Content. The teacher	Contribute to the formation	and creativity	Knowledge	Knowledge	Communicate effectively
understands how to connect	of free human beings who	1a. Promote, support,			Identify and solve
concepts and use differing	are reflexive, creative, critical	and model creative and	CAEP 2: Clinical	PRDES 7:	problems, think critically,
perspectives to engage learners	thinking individuals to whom	innovative thinking and	Partnership and	Technology	and synthesize knowledge
in critical thinking, creativity,	these attributes are	inventiveness	Practice	Integration	appropriate to their
and collaborative problem	important in their		2.3 High quality clinical		discipline.
solving related to authentic	professional, social, and	1b. Engage students in	practice	PRDES 8:	Apply mathematical,
local and global issues.	personal lives.	exploring real-world		Communication &	scientific, and technology
		issues and solving	CAEP 3: Candidate	Language	skills.
		authentic problems using	Quality, Recruitment,		Apply interpretative and
		digital tools and	and Selectivity		integrative skills.
		resources	3.4 Monitoring		Show moral autonomy and
			progression of all		develop a sense of
		1c. Promote student	candidates		wellbeing.
		reflection using	3.5 Employing high exit		Practice civic virtue.
		collaborative tools to	criteria		Value diversity
		reveal and clarify	3.6 Developing		
		students' conceptual	understanding of		
		understanding and	professional aspects of		
		thinking, planning, and	teaching		
		creative processes			
			CAEP 4: Program		
			Impact		
			4.1 Completer impact		
			on student growth and		
			learning		
			4.2 Teacher		
			effectiveness		

INSTRUCTONAL PRACTICE	UPRM TPP 7. Assessment of	ISTE 2. Design and	CAEP 2: Clinical	PRDES 6:	By the time of graduation
InTASC 6: Assessment. The	student learning. Prepare	develop digital age	Partnership and	Evaluation &	UPRM students will:
teacher understands and uses	teachers to use formal and	learning experiences and	Practice	Assessment	Communicate effectively.
multiple methods of	informal assessment	assessments	2.1 Effective		Identify and solve
assessment to engage learners	strategies to provide	2d. Provide students with	Partnership		problems, think critically,
in their own growth, to monitor	experiences that contribute	multiple and varied	2.3 Develop KSD and		and synthesize knowledge
learner progress, and to guide	to the continuous	formative and summative	positive impact on all		appropriate to their
the teacher's and learner's	intellectual, social and	assessments aligned with	students		discipline.
decision making.	physical development of	content and technology			Show moral autonomy and
	each learner. Use the	standards, and use	CAEP 3: Candidate		develop a sense of
	evaluation process to	resulting data to inform	Quality, Recruitment,		wellbeing.
	improve the quality and	learning and teaching	and Selectivity		Practice civic virtue.
	effectiveness of the		3.5 Employing high exit		
	teaching-learning process.		criteria		
			3.6 Developing		
			understanding of		
			professional aspects of		
			teaching		
			CAEP 4: Program		
			Impact		
			4.1 Completer impact		
			on student growth and		
			learning		
			4.4 Satisfaction of		
			completer		
			4.3 Satisfaction of		
			employer		

INSTRUCTONAL PRACTICE	UPRM TPP 2. Possess	ISTE 2. Design and	CAEP 2	PRDES 3:	By the time of graduation
InTASC 7: Planning for	pedagogical content	develop digital age	Clinical Partnership	Instructional	UPRM students will:
Instruction. The teacher plans	knowledge. Develop	learning experiences and	and Practice	Strategies	Identify and solve
instruction that supports every	pedagogical content	assessments.	2.2 Effective		problems, think critically,
student in meeting rigorous	knowledge and an	Teachers design, develop,	partnership		and synthesize knowledge
learning goals by drawing upon	understanding of a broad	and evaluate authentic	2.3 High quality clinical		appropriate to their
knowledge of content areas,	variety of active	learning experiences and	practice		discipline.
curriculum, cross-disciplinary	methodologies of teaching	assessments			Show moral autonomy a
skills, and pedagogy, as well as	learning that allows planning	incorporating	CAEP 5 Provider		develop a sense of
knowledge of learners and the	instruction that reflects	contemporary tools and	Quality Assurance and		wellbeing. They identify,
community context.	professional standards and	resources to maximize	Continuous		evaluate, and review social
	curriculum goals.	content learning in	Improvement		norms and other
		context and to develop	5.5 Stakeholder /		regulatory standards with
		the knowledge, skills, and	partner involvement		critical thought.
		attitudes identified in the			
		Standards.			
		2a. Design or adapt			
		relevant learning			
		experiences that			
		incorporate digital tools			
		and resources to promote			
		student learning and			
		creativity.			

INSTRUCTONAL PRACTICE	UPRM TPP 8. Demonstrate	ISTE 1. Facilitate and	CAEP 2: Clinical	PRDES 3:	By the time of graduation
InTASC 8: Instructional	caring dispositions. Prepare	inspire student learning	Partnership and	Instructional	UPRM students will:
Strategies. The teacher	teachers to confront new	and creativity	Practice	Strategies	Identify and solve
understands and uses a variety	challenges, social as well as	1a. Model collaborative	2.3 Develop KSD and		problems, think critically,
of instructional strategies to	educational, and to	knowledge construction	positive impact on all	PRDES 7:	and synthesize knowledge
encourage learners to develop	contribute to the	engaging in learning with	students	Technology	appropriate to their
deep understanding of content	improvement of Puerto Rico	students, colleagues, and		Integration	discipline.
areas and their connections,	and the world. Further,	others in face-to-face and	CAEP 3: Candidate		
and to build skills to apply	prepare teachers that can	virtual environments	Quality, Recruitment		Relate global contexts and
knowledge in meaningful ways.	promote worthwhile		and Selectivity		issues of importance to
	personal relationships that		3.6 Developing		Puerto Rico.
	provide stability, trust, and		understanding of		
	caring in order to increase		professional/ethical		Show moral autonomy and
	learners' sense of belonging,		aspects of teaching		develop a sense of
	self-respect and self-				wellbeing.
	acceptance, and generate a				
	positive climate for learning.				Practice civic virtue.

PROFESSIONAL RESPONSIBILITY	UPRM TPP 10. Demonstrate	ISTE 4. Promote and	CAEP 2: Clinical	PRDES 11:	By the time of graduation
InTASC 9: Professional Learning	reflective practice. Empower	model digital citizenship	Partnership and	Professional	UPRM students will:
and Ethical Practice. The	teachers to keep abreast of	and responsibility	Practice	Development	Communicate effectively.
teacher engages in ongoing	educational innovations and	4a. Advocate, model, and	2.3 Develop KSD and		,
professional learning and uses	promote the commitment to	teach safe, legal, and	positive impact on all	PRDES 10:	Show moral autonomy and
evidence to continually	continual learning in order to	ethical use of digital	students	Information	develop a sense of
evaluate his/her practice,	meet the technological,	information and		Management	wellbeing.
particularly the effects of	educational, scientific, social,	technology, including	CAEP 3: Candidate		
his/her choices and actions on	and cultural demands of the	respect for copyright,	Quality, Recruitment		Practice civic virtue.
others (learners, families, other	working world. Develop the	intellectual property, and	and Selectivity		
professionals, and the	reflective habits of continual	the appropriate	3.6 Developing		Value diversity.
community), and adapts	evaluation of the	documentation of	understanding of		
practice to meet the needs of	effectiveness of classroom	sources	professional/ethical		
each learner.	practices that lead to	4b. Promote and model	aspects of teaching		
	continuous professional	digital etiquette and			
	development.	responsible social			
		interactions related to			
		the use of technology and			
		information			
		ISTE 5 Engage in			
		professional growth and			
		leadership			
		Teachers continuously			
		improve their			
		professional practice,			
		model lifelong learning,			
		and exhibit leadership in			
		their school and			
		professional community			
		by promoting and			
		demonstrating the			
		effective use of digital			
		tools and resources.			

PROFESSIONAL RESPONSIBILITY	UPRM TPP 5. Exhibit	ISTE 5. Engage in	CAEP 4: Program	PRDES 9:	By the time of graduation
InTASC 10: Leadership and	comprehensive formation.	professional growth and	Impact	Community &	UPRM students will:
Collaboration. The teacher	Communication leadership	leadership	4.3 Employer	Family	Became an intentional
seeks appropriate leadership	skills - Contribute to the	Teachers continuously	satisfaction		learner.
roles and opportunities to take	comprehensive formation of	improve their	4.4 Completer	PRDES 11:	
responsibility for student	a human being by	professional practice,	satisfaction	Professional	
learning, to collaborate with	developing his or her	model lifelong learning,		Development	
learners, families, colleagues,	intellectual, emotional, and	and exhibit leadership in			
other school professionals, and	psychological abilities and	their school and			
community members to ensure	his or her communication	professional community			
learner growth, and to advance	and leadership skills, as well	by promoting and			
the profession.	as esthetical and ethical	demonstrating the			
	values. Prepare teachers to	effective use of digital			
	use effective verbal,	tools and resources.			
	nonverbal, and the use of				
	technology to foster active	ISTE 2a Design or adapt			
	inquiry, collaborations, and	relevant learning			
	supportive interaction.	experiences that			
		incorporate digital tools			
		and resources to promote			
		student learning and			
		creativity.			
		2b Develop technology-			
		enriched learning			
		environments that enable			
		all students to pursue			
		their individual curiosities			
		and become active			
		participants in setting			
		their own educational			
		goals, managing their			
		own learning, and			
		assessing their own			
		progress.			

Sources:

UPRM TPP – 2.2.3 UPRM TPP Conceptual Framework Candidate Proficiencies revised 2016 InTASC – Interstate Teacher Assessment and Support Consortium 2013 ISTE – International Society for Technology in Education Teacher Standards 2008 CAEP – Council of Accreditation of Educators Preparation Standards 2013

PR-PST - Puerto Rico Professional Standards for Teachers 2008 (http://www.de.gobierno.pr/files/Estandares Profesionales de los Maestros de Puerto Rico 2008.pdf)