



School of Architecture – Pontifical Catholic University of Puerto Rico

**CURRICULUM STRUCTURE - 201620 ONWARD
181 CREDITS**

First Year

First Semester	Cr.	Second Semester	Cr.
ARAD 101 Architectural Design Fundamentals I (Prerequisites: None)	5	ARAD 102 Architectural Design Fundamentals II (Prerequisites: ARAD 101, ARAR 101)	5
ARAR 101 (Laboratory) Diagramming and Representation Techniques (Prerequisites: None)	1	ARAR 102 (Laboratory) Non-linear Diagramming and Complex Geometry (Prerequisites: ARAD 101, ARAR 101)	1
ARHT 101 Architectural History I: Ancient to Baroque (Prerequisites: None)	3	ARAC 101 Fundamentals of Historic Preservation and Conservation (Prerequisites: None)	3
SPAN 141 Reading, Writing and Speech for Communication I (Prerequisites: CEEB 450 – 699)	3	SPAN 142 Reading, Writing and Speech for Communication II (Prerequisites: SPAN 141)	3
ENGL 115 Oral Communication and Listening Comprehension (Prerequisites: CEEB 441 – 499)	3	ENGL 201 Basic Principles of Reading and Writing (Prerequisites: ENGL 115)	3
MATH 143 Integrated Algebra and Trigonometry (Prerequisites: CEEB 500+)	3	PHYS 217 Physics for Architects (Prerequisites: MATH 143)	3
ORIE 003 or ORIE 005 Orientation or Orientation for Transfer Students (Prerequisites: None)	0	ORIE 004 Orientation (Not applicable to transfer students) (Prerequisites: ORIE 003)	0
Total	18	Total	18

Second Year

First Semester	Cr.	Second Semester	Cr.
ARAD 201 Analytical Design Studio I: History and Theory (Prerequisites: ARAD 102, ARAR 102, ARHT 101)	5	ARAD 202 Analytical Design Studio II: Adaptive Conservation and Preservation (Prerequisites: ARAD 201, ARAR 201, ARAC 101)	5
ARAR 201 (Laboratory) Historical Documentation and Representation Techniques (Prerequisites: ARAD 102, ARAR 102, ARHT 101)	1	ARAR 202 (Laboratory) Dynamic Imaging and Documentation (Prerequisites: ARAD 201, ARAR 201, ARAC 101)	1
ARHT 201 Architectural History II: Neoclassicism to Contemporary Western Civilization (Prerequisites: ARHT 101)	3	ARAC 201 Preservation Techniques, Methods and Strategies for Building Systems (Prerequisites: ARAC 101)	3
ARST 101 Tectonics on Material Applications and Methods (Prerequisites: ARAD 101, ARAR 101)	3	ARSF 101 Architectural Structures I: Statics and Strengths (Prerequisites: PHYS 217)	3
ENGL 383 Business Communication (Prerequisites: ENGL 201)	3	ART 101 or MUSI 102 or THEA 101 Art, Musical or Theatre Appreciation (Prerequisites: None)	3
THEO 130 The Divine Revelation (Prerequisites: None)	3	SOCI 102 Study on Human Coexistence (Prerequisites: None)	3
PHED _____ Elective Course in Physical Education (Prerequisites: None)	1	Total	18
Total	19		

Third Year

First Semester	Cr.	Second Semester	Cr.
ARAD 301 Experimental Design Studio I: Sustainability and Technologies (Prerequisites: ARAD 202, ARAR 202, ARST 101)	5	ARAD 302 Experimental Design Studio II: Structural Framework and Assemblages (Prerequisites: ARAD 301, ARAR 301, ARSF 101)	5
ARAR 301 (Laboratory) Parametric Modeling (Prerequisites: ARAD 202, ARAR 202, ARST 101)	1	ARAR 302 (Laboratory) Parametric Detailing (Prerequisites: ARAD 301, ARAR 301, ARSF 101)	1
ARST 201 Introduction to Mechanical and Electrical Systems (Prerequisites: ARST 101)	3	ARSF 201 Architectural Structures II: Composite Construction on Wood and Steel (Prerequisites: ARSF 101)	3
ARLE 101 Built Environment and Culture in the History of Landscape Architecture (Prerequisites: ARHT 201)	3	ARUS 101 Theory and Principles of Urban Design (Prerequisites: ARHT 201)	3
ARLA 101 Introduction to Law, Contracts and Professional Liability (Prerequisites: ARHT 101)	3	ARDA 101 Entrepreneurship on Developmental Politics (Prerequisites: ARLA 101)	3
THEO 131 The Church of Christ (Prerequisites: None)	3	PHIL 312 Philosophical Anthropology (Prerequisites: None)	3
Total	18	Total	18

Fourth Year

First Semester	Cr.	Second Semester	Cr.
ARAD 401 Contextual Design Studio I: Landscape, Ecology and Environment (Prerequisites: ARAD 302, ARAR 302, ARLE 101)	5	ARAD 402 Contextual Design Studio II: Urban Scapes and Communities (Prerequisites: ARAD 401, ARAR 401, ARUS 101)	5
ARAR 401 (Laboratory) Scripting and Procedural Morphology (Prerequisites: ARAD 302, ARAR 302, ARLE 101)	1	ARAR 402 (Laboratory) Territorial, Urban and Infrastructural Data Analysis (Prerequisites: ARAD 401, ARAR 401, ARUS 101)	1
ARLE 201 Environment Construction Processes, Materials and Techniques (Prerequisites: ARLE 101)	3	ARUS 201 Territorial and Urban Public Policy in a Global Society (Prerequisites: ARUS 101)	3
ARHT 301 Architectural History III: Latin America and Puerto Rico (Prerequisites: ARHT 201)	3	ARSF 301 Architectural Structures III: Monolithic Construction on Masonry and Concrete (Prerequisites: ARSF 201)	3
ARST 301 Building Acoustics, Illumination and Special Systems (Prerequisites: ARST 201)	3	ARST 302 New Course Technical and Construction Documents (Prerequisites: ARAD 301, ARAR 301)	3
ARLA 201 Ethics and Professional Practice (Prerequisites: ARLA 101)	3	ARDA 201 Economic Feasibility and Finances in Real Estate (Prerequisites: ARDA 101)	3
Total	18	Total	18

Fifth Year

First Semester	Cr.	Second Semester	Cr.
ARAD 410 Developmental Design Studio I: Legal and Administrative Awareness (Prerequisites: ARAD 402, ARAR 402, ARLA 101)	5	ARAD 420 Developmental Design Studio II: Development Assessment, Entrepreneurship and Feasibility (Prerequisites: ARAD 410, ARAR 410, ARDA 101)	5
ARAR 410 (Laboratory) Independent Research (Prerequisites: ARAD 402, ARAR 402, ARLA 101)	1	ARAR 420 (Laboratory) Independent Research II (Prerequisites: ARAD 410, ARAR 410, ARDA 101)	1
ARLE 301 Ecological Principles in the Built Environment (Prerequisites: ARLE 201)	3	ARDA 301 Marketing and Branding through Commercial Communication Skills (Prerequisites: ARDA 201, ENGL 383)	3
Elective Course Experimental Unit or Selected PCUPR Course (Prerequisites: Varies)	3	ARUS 301 Territorial Planning Strategies on Infrastructures and Communities (Prerequisites: ARUS 201)	3
Elective Course Experimental Unit or Selected PCUPR Course (Prerequisites: Varies)	3	Elective Course Experimental Unit or Selected PCUPR Course (Prerequisites: Varies)	3
THEO 132 The Christian Family (Prerequisites: None)	3	PHIL 340 Fundamental Ethics (Prerequisites: PHIL 312)	3
Total	18	Total	18