

Mission Statement

We are a Catholic institution of learning dedicated to advancing the frontiers of knowledge in the theoretical and applied fields through quality graduate education that is comprehensive and responsive to the needs of society.

We are committed to the formation of scholars and high-quality professionals who are ethical, competent, compassionate, and committed to the service of their respective professions, the church, the nation, and the global community.

Vision Statement

We envision a Graduate School that stands for excellence and innovation and that is globally recognized for its distinct degree programs and quality research outputs.

Goals and Objectives

The Graduate School commits itself to develop:

1. competent professionals who, inspired by the ideals of St. Antoninus of Florence, promote excellence in the production, advancement, and transmission of specialized knowledge and skills in the sciences, the arts, and community service;
2. scholarly researchers and creative thinkers who, kindled by St. Thomas Aquinas' ardour for truth, aspire to become founts of intellectual creativity and, in their quest for quality research, are proficient and critical in assessing and communicating information in various fields that impact the professions, the church, the nation, and the global community;
3. professional Christian leaders who, touched by St. Dominic de Guzman's apostolic fire and warmed by Mary's motherly care, articulate ethics and truth, high level of moral maturity in resolving issues and promoting social justice and compassion for the poor, and care for the environment;
4. globally engaged citizens who, with ardent advocacy for life, promote a deeper understanding of tolerance and justice as well as linguistic, religious, and cultural diversities as a result of precise evaluation of modern problems and inquiries;
5. committed scholars who, nurtured by the dogmas of Christian faith and values, are dedicated to the pursuit of truth through the promotion of an intellectual culture that values academic rigor and freedom of scientific investigations; and

6. lifelong learners who, empowered by St. Antoninus of Florence's zeal for learning, are committed to the advancement of a higher culture through a continuous search for intellectual inquiries and new knowledge as well as faithfulness to Catholic intellectual traditions.

Program Intended Learning Outcomes (PILO)

Upon successful completion of the MS Architecture in Architecture major in Urban Heritage Preservation program, the graduate will be able to:

1. Performs accepted meticulous process and norms of identifying significant heritage elements by applying the appropriate method of conservation.
2. Finds way of helping protect the natural and cultural significance of places by employing the applicable methods of research.
3. Initiates the promotion, protection and preservation of highly significant and intrinsic part of the cultural heritage by ensuring that the right people are involved.
4. Ensures all important issues are considered and eventually imparts these resolutions in both oral and written form.
5. Abreast the issues regarding heritage issues and methods of conservation and preservation methods.
6. Continues to pursue knowledge and skills in order that the country may be able to preserve the few remaining architectural heritage .

MASTER OF SCIENCE IN ARCHITECTURE MAJOR IN URBAN HERITAGE PRESERVATION

PREREQUISITE COURSES: (6 UNITS)

GS 500 - St. Thomas and Critical Thinking

As the philosophical foundation of Research Methodology, it is a study of the principles of and skills in critical thinking according to St. Thomas Aquinas in the three areas of mental cognition: simple apprehension, judgment and reasoning; and of common fallacies towards the acquisition of the art of argumentation.

GS 501 - Research Methodology

The student is introduced to research concepts relevant to architecture and planning. Discussions center on how to prepare a thesis emphasizing choice of title, statement of the problem, sources of data, analysis and evaluation of information gathered among others.

CORE COURSES: (9 UNITS)

ARCH-UHP 600 - History and Theory of Historic Preservation

Surveys the various historical theories, philosophies, and practices of building conservation, preservation and restoration both in Europe and America. Students investigate historical and contemporary attitudes towards "history" and how these attitudes influence preservation planning and restoration today.

ARCH-UHP 601 - History of Philippine Residential, Institutional, Commercial and Civic Architecture

Examines the architectural history of Philippines houses, ecclesiastical buildings, educational buildings, commercial, civic and other architecture. The study focuses on the buildings' response to changes in Philippine society: cultural, social, economic and technology. Prevalent and vernacular styles are examined as well as their precedent in foreign architecture. Field trips are included.

ARCH-UHP 602 - Heritage Research and Documentation

Introduces documentation and cataloguing of movable and immovable cultural property to be accompanied by research with emphasis on archival and primary materials for a better understanding of the property. This also includes physical recording and assessment of historic buildings and their sites. Assignments will include field investigations, interpretations of architectural evidence, and determination of construction chronology, analysis of the restoration process, written descriptions, and preparation of measured drawings. Site visits included.

SPECIALIZATION COURSES: (15 UNITS)

ARCH-UHP 700 -Heritage Materials, Technology and Building Pathology

Investigates the materials and techniques used in western and vernacular building construction including adobe, wood, stone, brick, concrete, and steel. Addresses the subject of building

deterioration and intervention, and aims to develop a detailed understanding of the causes and effects of the mechanisms that deteriorate buildings and to apply appropriate skills and procedures in investigating, assessing and preventing such problems with the emphasis on the technical aspects.

ARCH-UHP 701 - Cultural Heritage Management

Provides the fundamental theories and context of cultural heritage and management. Management practices in heritage institutions like museums, libraries, archives, and research institutions are reviewed. Focus is on the analysis of heritage significance and its development as basis for good conservation practice. The process of developing a conservation management plan is thoroughly implemented.

ARCH-UHP 702 - Cultural Heritage: Context and Issues

Provides the historical, philosophical and contemporary context of cultural heritage. Development of cultural heritage institutions and conventions, in the international and local scenes are discussed. Issues on cultural heritage in the light of cultural diversity, value rights, and sustainability are analyzed.

ARCH-UHP 703 - Environmental Management

This course is an overview of the environment, its problems and environmental management approaches. It illustrates the significance of environmental management in economic development. Its uses a system approach in understanding the dynamics of the environment and showcases various intervention approaches in solving environmental problems.

ARCH-UHP 704 - Restoration Design Studio

Focuses on the restoration design of existing historic buildings (following the Historic Preservation Guidelines) using historic photographs, working drawings, and descriptions; stylistic analysis; and similar building topologies. Historical structural systems, construction methods, and mechanical systems are also studied and researched. Restoration drawings are prepared to document the changes needed for restoration.

COGNATE: (3 UNITS)

ARCH-UHP 705 - Heritage and Cultural Tourism

This course pertains to the important role of tourism in the protection and maintenance of heritage structures, monuments and sites. It pertains to policies and regulations as mechanism control, and socio-cultural and economic benefits tourism can bestow to all the stakeholders of the community.

ARCH-UHP 706 - Urban Planning Fundamentals and Strategies

Fundamentals of urban planning housing on different planning strategies. This course looks at profiles of plan, and the different allied professions that make up the planning team. This course emphasizes the definition of a planning process that can be modified for different situations and settings.

ARCH-UHP 707 - Applied Statistics

A study on the techniques in organizing, analyzing and interpreting collected information and on the concepts of probability, random variables, discrete and continuous probability distribution, frequency distributions and descriptive measurements, sampling and sampling distributions, hypothesis testing, linear and multiple regression, and correlation.

TERMINAL REQUIREMENTS: (9 UNITS)

Written Comprehensive Examinations (WCE)

TW I - 3 units (Thesis Proposal)

TW II - 3 units (Research Colloquium)

TW III - 3 units (Thesis Defense)

Total = 42 Units

Summary of Program Requirements

Degree Requirements	units
Prerequisite Courses	6
Core Courses	9
Specialization Courses	15
Cognate Courses	3
Written Comprehensive Exam	--
Thesis Writing I	3
Thesis Writing II	3
Thesis Writing III	3
TOTAL	42

UST Graduate School Administration Officials and Faculty Set-up

MARILU R. MADRUNIO, Ph.D.
Dean

FR. JOSÉ ANTONIO E. AUREADA, O.P., S.Th.D.
Regent

ALEJANDRO S. BERNARDO, Ph.D.
Faculty Secretary

GRECEBIO JONATHAN D. ALEJANDRO, Dr.rer.nat.
Director for Graduate Research

Ar. Tobias A. Bonaobra, Ph. D.
Program Lead
Architecture

PROFESSORIAL STAFF

Ar. Norma I. Alarcon, Ph. D.

Arlen A. Ancheta, Ph.D.

Ar. Clarisse A. Avendaño, MS Arch

Ar. Tobias A. Bonaobra, Ph. D.

Ar. Reynaldo A. Inovero (*Specialize course on
Restoration of Monuments & Historical Centers*)

Ar. Manuel Maximo L. Noche, M.A.

A/Prof. Erick B. Zerrudo, M.Cultural Heritage



University of Santo Tomas
THE CATHOLIC UNIVERSITY OF THE PHILIPPINES
MANILA, PHILIPPINES
The Graduate School

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ARCHITECTURE
MAJOR IN
URBAN HERITAGE
PRESERVATION