

# The School of Architecture

## *Chair:*

Michael Lykoudis

## *Director of Graduate Studies:*

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## **The Program of Studies**

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The School of Architecture offers graduate programs for the master of architecture professional degree and the master of architectural design and urbanism postprofessional degree. The two available areas of concentration, the N.A.A.B. accredited professional degree and the postprofessional degree, are both four semesters in duration.

### *Traditional and Classical Architecture: Professional Degree and Postprofessional Degree*

This concentration is intended for students entering the University of Notre Dame with a four-year preprofessional degree in architecture and seeking a professional graduate degree. It is also open to students who hold a five-year degree and wish to study within the classical discipline.

The theoretical direction of the curriculum is rooted in a world-view based on the principles of classical architecture. The intent is to foster an orientation to design that is based on tradition, is classical in spirit and form, and is responsive to the exigencies of contemporary practice.

Course work begins with an intensive study of design, theory, and elements of classical architecture. The second semester is spent in residence at the University of Notre Dame's Rome Studies Center in the Centro Storico, where the student engages in design, history, and theory courses focused on the Rome context. The final two semesters are spent on the Notre Dame campus. Three studios are offered, providing the student with opportunities to design in a variety of scales and contexts in which contemporary architectural

issues are explored. The course of studies culminates in a thesis that synthesizes the student's design experience.

### *Urban Design: Postprofessional Degree*

This concentration is intended for students entering the University of Notre Dame with a professional degree in architecture.

The goal of the postprofessional degree is to develop design and critical thinking skills to address architecturally the problems confronting contemporary cities. The theoretical direction of this concentration is based on the paradigms of traditional European and American cities. The student is compelled to address design strategies based on an awareness of the complexity of scales and contexts within which the city's historical developments unfold. The issues range from environmental concerns and the size of a city, to the city's composition consisting of quarters, squares, streets, and blocks, to the balance of the architecture of the public and private realms.

Course work begins with an intensive study of the traditional city's morphology and architecture. The second semester is spent in residence at the University of Notre Dame's Rome Studies Center in the Centro Storico, engaging in design, urban history, and theory. Paralleling the first concentration, three studios are offered. These provide the student with opportunities to design in a variety of scales and contexts in which contemporary issues of architecture and the city are explored. The course of studies culminates in a thesis that synthesizes the student's design experience.

### *Degree Requirements*

Degree requirements include three course components that are applicable to both concentrations: advanced architectural design, theory classes and approved electives, and thesis preparation and direction, for a total of 39 credit hours. (Total number of credit hours for the professional degree varies, depending on the candidate's undergraduate degree.) Advanced architectural design consists of two six-credit-hour studios. Theory classes consist

of four three-credit-hour seminars. Thesis preparation and direction consists of a thesis preparation course and a six-credit-hour studio where candidates explore special areas of design and research within the framework of the program. The thesis is developed under the direction of a specific faculty member whose expertise and interests coincide with the candidate's proposal. Approval of all thesis proposals is made by the graduate studies committee.

In both concentrations, selection of specific courses is tailored to each candidate in response to the candidate's interests and undergraduate experience.

### *Application*

In addition to the Graduate School's requirements for application, the following documents are to be submitted with the regular application material:

- Letters of Recommendation—for those applicants with practice experience in architecture, a minimum of one letter of recommendation from a registered practicing architect is required in addition to the references required by the Graduate School.
- Portfolio—all applicants must submit a portfolio of their work from academic experience, from independent projects, and/or from practice. The portfolio size should be a maximum 11 x 14 inches and should include only reproductions, not originals.

A visit to the campus and a personal interview are encouraged. The School of Architecture's graduate studies committee conducts interviews.

Completed applications and all admission requirements except the portfolio should be directed to the Office of Graduate Admissions. Portfolios only (with self-addressed return package and sufficient return postage if return of portfolio is desired) should be directed to: Graduate Studies Committee, School of Architecture, University of Notre Dame, 110 Bond Hall, Notre Dame, IN 46556-5652.

**Financial Support**

Candidates in the program receive financial support in the form of full tuition scholarships and stipends in the form of graduate assistantships and fellowships including the Bond-Montedonico Fellowship program, the Joseph Z. Burgee and Joseph Z. Burgee Jr. Fellowship program, the James A. Nolen Jr. Fellowship, and the Joseph M. and Virginia L. Corasaniti Architecture Fellowship. Teaching or research requirements for students receiving stipends comprise a minimum of three out of four semesters, 15 hours per week, during the academic semester.

**Course Descriptions**

Each course listing includes:

- Course number
- Title
- (Lecture hours per week—laboratory or tutorial hours per week—credits per semester)
- Instructor
- Course description
- (Semester normally offered)

**Required Courses****643. Advanced Architectural Design I**  
(0-8-6) Pajares

Introduction to classical design principles and to principles of traditional urbanism. Projects involve drawing the orders, their application to architecture, and the creation of traditional urbanism in the context of existing American settings. (Fall)

**644. Advanced Architectural Design II (Rome)**  
(0-8-6) Staff

Designing in the context of the traditional European city. Projects involve both architectural design and urbanism. (Spring)

**645. Thesis Preparation and Design**

(3-0-3) Crowe, Lykoudis, Marcantonio, Stroik

Preparatory analyses, precedents, and data required to begin design thesis. (Fall)

**646. Design Thesis**

(6-0-6) Staff

Culminating design studio in the master's program. Students individually select their thesis and thesis director. Thesis is defended and presented to faculty and student body in a final review. (Spring)

**647. Thesis Prep II**

(3-0-3) Crowe

Fundamentals of design thesis, including organization of material, research methods and procedures, and formation of theoretical argument and relationship to the design process. (Fall)

**692. Roman Urbanism and Architecture II (Rome)**

(3-0-3) Staff

The urban and architectural history of Rome within the context of the social and political factors that brought it about. (Spring)

**693. Architectural Theory I**

(3-0-3) Westfall

This course reviews, through lectures, discussions, analysis of assigned texts, and the writing of research papers, the intersection of the religious, civil, architectural, and urban characteristics of the built world within the Western tradition. (Fall)

**693A. Architectural Theory II**

(3-0-3) Deupi

This seminar explores the philosophical, historical, and literary background of traditional architecture by probing within the domain of architectural theory through a careful reading of primary sources, including Vitruvius, Abbot Suger, Alberti, Serlio, Palladio, Vignola, Claude Perrault, etc. (Fall)

**693B. Architectural Theory III**

(3-0-3) Economakis

A survey of contemporary traditional architecture and urbanism, including works by Raymond Erith, Hasan Fathy, Pierre Barbe, Demetri Pikionis, Leon Krier, and Demetri Porphyrios, and concluding with the most recent events, building, and urban developments. Emphasis will be given to works that exemplify the urban, constructional, and formal principles of contemporary traditional architecture. (Spring)

**693C. Architectural Theory IV (Rome)**

(3-0-3) Younés

The purpose of this seminar is to reflect on some of the most distinctive issues in architectural theory needed by contemporary classicists. The selected topics will cover the following: the reading of history, architecture and ontology, architecture and technique, aesthetics of architecture, imitation and invention, character and style, politics and the polis, classicism and pluralism, architecture and language, and nature and the man-made. (Spring)

**698A. Special Studies (Rome)**

(V-V-V) Younés

The graduate studies seminar in Rome concerns topics in theory and history that pertain to Rome's urbanism and architecture. Topics are either chosen by the student in consultation with the faculty, or assigned by the faculty. Students are encouraged to choose topics not usually covered in studio and other seminars. The requirements are a notebook and term paper. (Spring)

**Faculty**

Robert L. Amico, *Professor*. B.Arch., Univ. of Illinois, 1961; M.Arch., Harvard Univ., 1965. (1978)

Robert Brandt, *Professional Specialist*. B.S., Univ. of Southern Indiana, 1986; M.F.A., Indiana State Univ., 1989. (1992)

Rev. Richard S. Bullene, C.S.C., *Associate Professional Specialist*. B.S., Univ. of Notre Dame, 1976; M.S., Univ. of Pennsylvania, 1992; Ph.D., *ibid.*, 1994. (1993)

Braulio Casas, *Visiting Assistant Professor*. B.Arch., Univ. of Notre Dame, 1994; M.Arch., *ibid.*, 1996. (2002)

Norman A. Crowe, *Professor and Director of Graduate Studies*. B.Arch., Univ. of Oregon, 1964; M.Arch., Cornell Univ., 1970. (1974)

Alan Defrees, *Associate Professional Specialist*. B.S., Univ. of Notre Dame, 1974. (1996)

Victor Deupi, *Assistant Professor*. B.S., Arch., Univ. of Virginia, 1986; M.Arch., Yale Univ., 1989; Ph.D.Arch., Univ. of Pennsylvania, 1999. (1999)

Dennis P. Doordan, *Professor of Architecture and Chair and Concurrent Professor of Art, Art History, and Design*. B.A., Stanford Univ., 1973; M.A., Columbia Univ., 1976; M.Phil., *ibid.*, 1978; Ph.D., *ibid.*, 1983. (1990)

Richard Economakis, *Associate Professor*. B.Arch., Cornell Univ., 1983; M.A., *ibid.*, 1996. (1996)

Barbara Kenda, *Assistant Professor*. B.Arch., Univ. of Ljubljana, 1989; M.Arch., Cornell Univ., 1992; M.S., Univ. of Pennsylvania, 1995; Ph.D.Arch., *ibid.*, 1998. (2000)

Michael N. Lykoudis, *Chair and Professor*. B.Arch., Cornell Univ., 1979; M.Arch., Univ. of Illinois, 1983. (1991)

Dino Marcantonio, *Assistant Professor*. B.A., Univ. of Toronto, 1990; M.Arch., Univ. of Virginia, 1993. (1999)

Ettore Maria Mazzola, *Visiting Assistant Professor*. Dipl. di Laurea, Univ. degli Studi, La Sapienza, Roma, 1992. (2001)

Michael Mesko, *Visiting Assistant Professor*. B.Arch., Univ. of Notre Dame, 1996; M.Arch., *ibid.*, 1998. (2002)

Paloma Pajares, *Associate Professor*. T.deA., Politécnica de Madrid, 1987; M.Arch., Yale, 1989; Ph.D., Politécnica de Madrid, 1997. (2000)

Thomas Gordon Smith, *Professor*. B.A., Univ. of California, Berkeley, 1970; M.Arch., *ibid.*, 1975. (1989)

John Stamper, *Associate Professor*. B.S., Univ. of Illinois, 1973; M.A., *ibid.*, 1975; M.A., Williams College, 1977; Ph.D., Northwestern Univ., 1985. (1984)

Duncan G. Stroik, *Associate Professor*. B.S.Arch., Univ. of Virginia, 1984; M.Arch., Yale Univ., 1987. (1990)

Carroll William Westfall, *the Frank Montana Professor*. B.A., Univ. of California, Berkeley, 1961; M.A., Univ. of Manchester, England, 1963; Ph.D., Columbia Univ., 1967. (1998)

Samir Younés, *Director of the Rome Studies Center and Associate Professor*. B.Arch., Univ. of Texas, 1981; M.Arch., *ibid.*, 1984. (1991)