SCHOOL OF ARCHITECTURE

Michael Speaks, Dean
201 Slocum Hall
soa.syr.edu (https://coursecatalog.syracuse.edu/graduate/architecture/soa.syr.edu)

About the College
Dean's Message

The Syracuse University School of Architecture consistently ranks among the best schools of architecture in the nation. The reasons most often cited are our committed and diverse faculty, our number and variety of study abroad opportunities, and our nationally-accredited, professional degree programs, which provide students the technical skill and the cultural knowledge necessary to practice in an increasingly competitive global marketplace.

Consistent with our commitment to prepare students for a world shaped by globalization, the Syracuse School of Architecture has created the Global Studio program with facilities and full time faculty in Florence, London and New York. In addition, we offer a range of other study abroad options with shorter programs of study in Turkey, Japan, China and India. We are also committed to bringing world-class practitioners and educators to teach and lecture at our home campus in Syracuse. Each semester we organize a visiting lecture series featuring architects and designers from around the world. And, each semester, as part of our Visiting Critic Program, nationally and internationally recognized professors lead studios on our Syracuse campus.

Shaped by globalization and rapid technological transformation, the practice of architecture, over the last decade, has undergone dramatic change, placing the architect, once again, at the center of some of the most defining issues of our time. The School of Architecture at Syracuse University has not only kept pace with these changes, but our faculty, staff, students and alumni have led and continue to lead the effort to make a better world through the design of better buildings and cities. We invite you to visit and to join us.

Michael Speaks, Ph.D.
Dean, School of Architecture

Educational Mission
Program Mission

As a professional-degree-granting college within a research university, the School of Architecture at Syracuse University is dedicated to creating a rich academic environment marked by the confluence of advanced practice, contemporary theory, and social engagement. Our primary goal is to help students develop the capacity and judgment necessary to understand the built environment and generate architecture as a critical response, so that each student can engage both the discipline of architecture and the multiple discourses-artistic, technological, social, political, environmental, economic-necessary to be a successful practitioner and a conscientious citizen. Through our teaching and public programming, we help students gain a deep knowledge of architecture's techniques, traditions, methods of inquiry, and modes of production, so that they emerge with the intellectual breadth and acuity to meet the challenges of a rapidly changing world that demands agility and innovation. Through both programming and outreach activities, we aim to engage a wider public audience in a dialogue about the role of architecture in society.

To serve this mission we are committed to the following principal objectives:

- Recruiting, enrolling, and retaining the most qualified students.
- Recruiting, employing, and retaining the most qualified faculty and staff.
- Creating and sustaining a supportive academic environment marked by academic integrity, cultural diversity, and social responsibility.
- Providing the best professional education possible by offering professional degree programs that combine expertise specific to the discipline of architecture with critical thinking skills and intellectual knowledge central to humanistic study.
- Teaching an integrated curriculum within which courses in design and other specializations support the proposition, exploration, and development of architectural ideas.
- Maintaining and enhancing our expertise and capabilities in significant areas of research and practice.
- Providing opportunities for students to participate in international study programs to better understand the global forces and local cultural contexts that contribute to the production of architecture and urban design in these settings.
- Offering visiting critic studios both on and off campus that provide students with an exposure to alternative perspectives and advanced building practices.
- Demonstrating overall competency through a self-directed process of research, documentation, proposition, and project development within the capstone experience of thesis.
- Increasing student awareness of and ability to engage with major issues such as social equity, economic development, and ecological balance.
- Encouraging faculty and students to participate in interdisciplinary initiatives offered within a diverse and rich campus setting.
- Preparing graduates to enter the profession in a variety of ways, with strong basic design skills coupled with the technical ability, business acumen and an understanding of the ethical role of the architect in society.
- Supporting faculty achievement in creative activity and scholarly research.
- Generating advocacy and support for School initiatives from alumni, faculty, staff, and advisory board members, and among civic and business leaders.

Syracuse Architecture Studio Culture

The primary goals of the School of Architecture at Syracuse University are to promote research into architecture and to educate students for professional practice and other forms of architectural engagement. Faculty instructors challenge students to develop the capacity for understanding the built environment and generating architectural design proposals as a critical response. They assist students in cultivating manifold design capabilities linked to critical intelligence about the discipline and supported by state-of-the-field expertise in representation, technology, structures, theory and history.

A central component of this mission is the cultivation of a learning environment that supports students in the fullest development of their capacities as designers, scholars, professionals, and citizens. To this end,

students, faculty and staff are dedicated to the task of working together to foster five fundamental values:

- mutual respect among all members of the School;
- optimism about the potential for student learning, creativity and contribution;
- collaboration among students, faculty, staff and the broader public in pursuing advances in learning, knowledge, and practice;
- critical engagement with the discipline, the profession and the world; and
- continual innovation in teaching, learning, and research.

These values inform all of our activities. In the context of classrooms, studios, and other learning environments, they translate into these guidelines:

- The School encourages students and faculty alike to embrace the design studio and the classroom as places of intellectual and creative exploration and collaboration. The frequently open-ended pursuit of knowledge through design and other forms of learning requires generosity of spirit on all parts, including the recognition that faculty members bring a high level of expertise to their teaching and that students bring a diversity of valuable prior knowledge to their learning. It also requires clear communication, rigorous testing of ideas, and a commitment to excellence on the part of all participants.
- The School encourages collaboration among students in their academic work and in extracurricular activities, as well as among students, faculty and staff in continually advancing knowledge and improving the ways we work together. It also promotes a culture of engagement in which students develop intellectually, technically and ethically through interaction with problems, opportunities and people not only within the field of architecture but also beyond it.
- The School values social, intellectual and disciplinary diversity in its staff, faculty and student population, as well as in its curriculum. In its teaching, research and daily activities, it strives to support and promote each of these kinds of diversity.
- The School recognizes that balance is a crucial element in the pursuit of excellence, and it encourages faculty to guide students in developing the capacity to reconcile what often seem to be competing imperatives in their work and in their lives. This includes managing expectations so as to minimize conflicts among courses, helping students to manage their time effectively, and promoting an appropriate balance between academic work and the other essentials of life.
- The School expects students to uphold the principles of academic integrity in their work and ethical conduct in their daily lives. Honesty, trustworthiness and fairness are essential attributes for conduct in class, within the university community, and in academic activities beyond Syracuse. These principles should guide behavior not only in the completion of course assignments, but also in treatment of buildings and equipment; interaction with university staff, systems and procedures; and behavior in the studio and elsewhere.

Accreditation

The School of Architecture M.Arch program is fully-accredited by the National Architectural Accreditation Board (NAAB).

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accreditation Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a pre-professional undergraduate degree in architecture for admission. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

Syracuse University, School of Architecture offers the following NAAB accredited graduate degree program:

- M.Arch - (92 credit hours)

For further information about NAAB accreditation, visit the NAAB website.

Master of Science in Architecture degrees are not reviewed or accredited by NAAB.

Graduate Education

Chair Julie Larsen, 225 Slocum Hall

Contact Lauren Mintier, 225 Slocum Hall, (315) 443-1041

Founded in 1873, the Syracuse University School of Architecture provides a diverse and intensive approach to the design of the built environment. The program is committed to providing rigorous professional training and, simultaneously, emphasizes the creative and intellectual foundations of the discipline. The integrated curriculum is designed to prepare students to unite design, research, and technical understanding. Architecture is a dynamic profession, and like the society in which it functions, increasingly complex and fluid. The program seeks to respond with skill, intellect, and passion to the challenges and opportunities of contemporary practice.

Students benefit from extensive one-on-one communication with dedicated professors, in both formal reviews and informal interactions. Our faculty members are recognized for their level of commitment to each student's progress and represent a broad range of the profession, from practicing architects, architectural historians, and theorists to professional artists and engineers. For a complete listing of faculty members affiliated with the School of Architecture, see the faculty listings under Master of Architecture programs.

The school hosts lectures, symposia, and exhibitions featuring leading practitioners, critics, and scholars. As part of a major liberal arts university, students in the School of Architecture have access to a wide variety of courses throughout the campus and have the opportunity to broaden their intellectual and creative foundation. Students are encouraged to participate in the cultural and social life across the wide spectrum of offerings on campus and in the city of Syracuse.

The Syracuse Architecture Master of Architecture is a fully accredited professional degree open to students with non-architecture as well as architecture backgrounds. The Syracuse Architecture Master of Science in Architecture degree supports independent, timely, and innovative research projects in the field of architecture and urbanism.

Merit Scholarships and Assistantships

In addition to competitive scholarships for incoming students, the school of architecture is committed to offering merit-based financial assistance to continuing students who maintain satisfactory academic progress through a variety of channels. You can find an overview of our programs here: http://soa.syr.edu/admissions/graduate/financial-aid.php/.

We offer approximately 35 assistantships every semester to continuing graduate students. These positions are available in the areas of teaching or research, depending on the needs of the school and faculty. To qualify for a teaching assistantship in a particular course area, students must have appropriate experience, in the areas of design, architectural history, theory, building technology, drawing, structures, and computing. Students maintaining at least a 3.0 GPA are eligible for assistantship positions annually. Students who are not serving in a TA position are eligible for scholarship assistance each semester. Additionally, we offer hourly research internships, subsidize the cost of travel for required field trips, and offer a number of named scholarships.

For further information about our Graduate programs, visit our website (https://soa.syr.edu).

Off Campus Programs
The Programs

Students in the Master of Architecture program have an opportunity to spend a semester off-campus in Los Angeles, New York City, or South Korea/Japan.

Short-term/summer off-campus programs

In addition to the regular semester offerings, summer and other 2-5 week off campus opportunities are available. Options vary from year to year and are designed to introduce students to architecture, urban cities and the disciplinary cultures that create them. India, France, Turkey, Greece, Germany, Russia, Spain, Austria, China, South America and Japan have been the subjects of study for such programs in the recent past.

Facilities, Research, Institutes
Slocum Hall

Slocum Hall, the School of Architecture's campus home, offers an ideal environment for teaching, research, production, and exhibition. Constructed in 1918 and listed on the National Register of Historical Places, the five-story building underwent a dramatic redesign from 2006-2008 to enhance and restore original qualities while updating it technologically, functionally, and aesthetically. Slocum Hall now includes a vast open central atrium space, an auditorium as well as expanded studio, research, and office space.

The building's openness provides a cohesive setting that generates activity and communication between students, faculty, and visitors, supported by interconnecting vertical spaces or atria within the building. The central atrium and additional openings in the bearing wall allow pathways for natural light and ventilation. Facilities are closely integrated with the school's pedagogical priorities. Public review spaces, an exhibition gallery, the architecture reading room, faculty offices, and the café are located along the perimeter of these atria in order to encourage collaboration and exchange.

Computing and Fabrication

The School of Architecture has two computer clusters containing 60 latest-generation PCs connected to their own network and servers.

State of the art software is available for a wide range of applications: 2D and 3D drafting; modeling, visualization, rendering and animation; image manipulation; desktop publishing; web page generation; video production; and GIS.

An output room provides an assortment of plotters, printers, and large and small format scanners available to students throughout the school from school or personal computers.

A digital fabrication suite includes 3D printers using various media (liquid and solid polymers, paper and starch), laser cutters, large and small format CNC mills and a vacuum former.

A fully equipped workshop is staffed by a full-time professional instructor and includes a full suite of woodworking equipment including saws, drills, planers, routers, sanders, a lathe, and various hand tools. There is also a ventilated spray booth for painting and finishing.

Reading Room and Library

Bird Library, the University research library for the humanities and social sciences, has an excellent collection of more than 25,000 architecture titles including back runs of key periodicals. Carnegie Library, at the heart of the main quad, houses resources in landscape architecture and building technology. Syracuse University Libraries also includes significant map resources, rare books and archival holdings. The newly renovated King+King Architecture Library on the third floor of Slocum Hall serves the needs of the School of Architecture and its students for quick access to core monographs, course reserves, current periodicals and unique resources like prints of working drawings and physical materials samples. The general stack collection of more than 3,500 titles includes such commonly used architecture books as history surveys, titles on key figures in architecture, books on building types and detailing, technical sources, and reference standards. The Librarian for Architecture is on site. The King+ King Architecture Library provides a quiet and convenient place to study, and is interconnected with the larger Syracuse University library system.

Programs
Master's

- Architecture, M.Arch (https://coursecatalog.syracuse.edu/graduate/architecture/architecture-m-arch/)
- Architecture, MS (https://coursecatalog.syracuse.edu/graduate/architecture/architecture-ms/)

Faculty

Omar Ali, Assistant Professor
B.A. in Art and Architectural History, University of Texas at Arlington; M.Arch, University of Michigan, Taubman College of Architecture and Urban Planning
Architectural Design, Representation

Nimet Anwar, Assistant Professor
M. Arch, Rice University in 2015; B.S., University of Texas, Arlington, 2011

Architectural Design

Amber Bartosh, Associate Professor, Program Director, London
M.Arch, Southern California Institute of Architecture, 2010; B.A., Rice University, 2000
Architectural Design

Jean-François Bédard, Professor

Ph.D., Columbia University, 2003; M.Arch (History and Theory of Architecture), McGill University, 1992; B.Arch., McGill University, 1987
Architectural History

Lori Brown, Distinguished Professor
M.Arch, Princeton University, 1994; B.S. Georgia Institute of Technology, 1991
Architectural Design

Lawrence Chua, Associate Professor
Ph.D., History of Architecture and Urban Development, Cornell University, 2012; M.A., History of Architecture and Urbanism, Cornell University, 2006; B.A., New York University, 1986
Architectural History

Junho Chun, Associate Professor
M.S. in Structural Engineering, U.C. Berkeley; B.S. in Architectural Engineering, University of Illinois
Architectural Design, Structural Engineering

Gregory Corso, Associate Professor
M.Arch, University of California at Los Angeles, 2010; B.A., University of California at Los Angeles, 2003
Architectural Design

Lawrence Davis, Professor
M. Arch, Columbia University, 1988; B.Arch, University of Cincinnati, 1985
Architectural Design

Ivi Diamantopoulou, Assistant Teaching Professor, Program Director NYC
M. Arch, 2013 Princeton University
Architectural Design

Britt Eversole, Assistant Professor
M. Phil. Princeton University 2012; M. E. D., Yale University 2007, M. Arch., Yale University; B. A., Architecture, University of Florida, 2004.
Architectural Design, Architectural Theory

Joseph Godlewski, Associate Professor
Ph.D. University of California, Berkeley; M.Arch, University of California at Berkeley, 2009; B.Arch, Syracuse University, 2000
Architectural Design, Architectural Theory

Terrance Goode, Associate Professor
M. Arch, Princeton University, 1980; B.S. Architecture, University of Southern California, 1978
Architectural Design

Roger Hubeli, Associate Professor
Dipl. Arch. ETH Zurich Switzerland, 2003
Architectural Design, Building Technology/Structures

Molly Hunker, Associate Professor
M.Arch, University of California at Los Angeles, 2010; B.A., Dartmouth College, 2005
Architectural Design, Media

Elizabeth Kamell, Associate Professor
S.M. Arch. S., Massachusetts Institute of Technology, 1996; B.Arch, Cornell University, 1982
Architectural Design, Building Technology

Sungwoo Jang, Assistant Professor
M.Arch, Massachusetts Institute of Technology, 2012; B.S., Yonsei University, Seoul, Korea, 2007

Architectural Design, Building Technology

Elizabeth Krietemeyer, Associate Professor
Ph.D., Architectural Sciences, Rensselaer Polytechnic Institute (RPI); M.S., RPI; 2009; B.Arch, RPI, 2005
Architectural Design, Building Technology

Julie Larsen, Associate Professor, Chair, Graduate Program
M.Arch, Columbia University, 2002; B.S., Architecture, University of Illinois, 1997
Architectural Design

Mark Linder, Professor
Ph.D., Princeton University, 1998; M.Arch, Yale University, 1986; B.S. Architecture, University of Virginia, 1982
Architectural Theory

Brian Lonsway, Associate Professor
M.Arch, Columbia University, 1995; B.A. Architecture, Washington University, 1992
Architectural Design

Sinéad Mac Namara, Associate Professor
Ph.D., Princeton University, 2006; B.A.I., Trinity College, University of Dublin, 1999
Civil and Environmental Engineering

Anna Mascorella, Assistant Professor
Ph.D., Cornell University, 2019; M.A., History of Art, University of Illinois, 2010; B.A., History of Art, Colorado State University, 2005
Architectural History

Kyle Miller, Associate Professor, Associate Dean
M. Arch, University of California at Los Angeles, 2008; B. Arch, University of Michigan, 2004
Architectural Design

Jess Myers, Assistant Professor
B.A. in Architecture, Princeton University; Master in City Planning, Massachusetts Institute of Technology
Architectural Design

Krik Narburgh, Instructor
M.Arch, Syracuse University, 1990; BS Landscape Architecture, Cornell University, 1987
Professional Practice

Hannibal Newson, Assistant Professor
M.Arch, Pratt Institute Graduate School of Architecture and Urban Design, 2012; B.S. Architecture, University of Illinois, 2005
Architectural Design, Building Technology

Marcos Parga, Associate Professor
Ph.D., Architecture, ETSAM, 2015 UPM; M.Arch, ETSAM UPM, 1998
Architectural Design

Daekwon Park, Associate Professor; Chair, Undergraduate Program
DDes, M. Des, Harvard University, 2012; M. Arch, University of Illinois at Urbana-Champaign, 2006; B.S., Architecture, Yeungnam University, 2004
Architectural Design, Building Technology

Daniele Profeta, Assistant Teaching Professor, Program Director, Florence

M.Arch, Princeton University, B.Arch, KTH School of Architecture, Stockholm

Architectural Design

Edgar Rodriguez, Assistant Professor
M. Arch, Harvard University Graduate School of Design, 2020, B.A.,
Universidad Iberoamericana Mexico City, 2015
Architectural Design

Richard Rosa, Associate Professor
M.Arch, Harvard University, 1993; B.Arch, Syracuse University, 1988;
Architectural Design

Yutaka Sho, Associate Professor
M.Arch, Harvard University, 2005; B.F.A. & B.L.A., Rhode Island School of
Design, 1996
Architectural Design

Michael Speaks, Professor, Dean
Ph.D., Duke University, 1993; B.A., University of Mississippi, 1983

Timothy Stenson, Associate Professor
M.Arch, 1988 & B.S. Architecture, 1981, University of Virginia
Architectural Design

Fei Wang, Associate Teaching Professor, M.S. Program Coordinator
M.Arch, History of Theory, McGill University, 2007; M.Arch, Virginia Tech,
2005; B.Arch., Tongji University, 2003
Architectural Design

Nina Wilson, Assistant Professor
Ph.D., 2017 & M.Arch, 2013 Rensselaer Polytechnic Institute; B.A.,
University of Texas, 2010
Architectural Design, Building Technology

Eric Wing, Instructor
State University of New York at Delhi
Building Information Modeling

Tiffany Xu, Harry der Boghosian Fellow 2025-26
M.Arch, Rice University, 2020; B.S, University of California, Berkeley ,
Conservation and Resource Studies, 2013

Courses
Architecture

ARC 500 Selected Topics (1-6 Credits)
Architecture
Exploration of a topic (to be determined) not covered by the standard
curriculum but of interest to faculty and students in a particular semester.
Repeatable

ARC 505 Thesis Preparation (3 Credits)
Architecture
Research, development and preliminary design studies for architectural
design thesis project, ARC 508.
Prereq: ARC 311 and ARC 409 with minimum grade C

ARC 508 Architectural Design IX-Thesis (6 Credits)
Architecture
Undergraduate thesis. Semester-long, advanced project produced by the
student and advised by the faculty.
Prereq: ARC 505 with minimum grade of C

ARC 511 Advanced Structural Resolution (3 Credits)
Architecture
Structural analyses to compare and contrast design solutions for a given
project. Presents appropriate techniques, regulatory codes and software
to facilitate such analyses and subsequent design decisions.
Prereq: ARC 311 or ARC 612

ARC 531 Icon & Image: A History of Architectural Representation (3 Credits)
Architecture
History of the practice and theory of architectural representation, from
the origins to the nineteenth century.
Prereq: ARC 134 or CAS 134 or ARC 639

ARC 534 Introduction to History of Buddhist Architecture (3 Credits)
Architecture
History of Buddhist architecture from early reliquaries and monastic halls
to contemporary mega-structures and theme parks.
Prereq: ARC 133 or ARC 134 or ARC 631 or ARC 639
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-
creative-thinking/); Civic and Global Responsibility (https://
coursecatalog.syracuse.edu/shared-competencies/civic-and-global-
responsibility/)

ARC 552 Politics of Public Space (3 Credits)
Architecture
Issues surrounding public space, politics, and power relations as they
impact our public realms, through investigations of critical and political
theorists, geographers, architects and artists.
Prereq: ARC 208
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-
creative-thinking/); Civic and Global Responsibility (https://
coursecatalog.syracuse.edu/shared-competencies/civic-
and-global-responsibility/); Ethics and Integrity (https://
coursecatalog.syracuse.edu/shared-competencies/ethics-and-
integrity/)

ARC 555 Introduction to Building Information Modeling (3 Credits)
Architecture
Introduction to uses of Building Information Modeling in architecture
through a series of case studies or drawing and analysis of building
components in real time demonstrations. ARC 555 cannot be taken for
credit after successful completion of ARC 558.
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-
thinking/); Communication Skills (https://coursecatalog.syracuse.edu/
shared-competencies/communication-skills/); Information Literacy
and Technological Agility (https://coursecatalog.syracuse.edu/shared-
competencies/information-literacy-and-technological-agility/)

ARC 558 Advanced Building Information Modeling and 3D Design (3 Credits)
Architecture
Advanced Building Information Modeling as it pertains to architecture
with a focus on project workflow and professional practices for building
design and construction.
Prereq: ARC 555 or CEE 520
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-
thinking/); Information Literacy and Technological Agility (https://
coursecatalog.syracuse.edu/shared-competencies/information-literacy-
and-technological-agility/)

ARC 561 Survey of British Architecture (3 Credits)
Architecture
Through a series of visits to sites and buildings across England, students are introduced to the principal architects, stylistic movements and other trends in contemporary and historical architecture in England. Offered in London only
Coreq: ARC 407 or 408 or 608 or 609
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/)

ARC 563 Introduction to Computer Applications in Architecture (2-3 Credits)
Architecture
Overview of the computer and its applications to architecture. Direct involvement with the computer to resolve problems in structures, design, environmental systems, specifications, cost estimation, etc. Additional work required of graduate students.

ARC 566 Introduction to Preservation (3 Credits)
Architecture
Cross-listed with HOA 577
Problems and methods in implementing continued use for quality segments of the humanly built environment.
Prereq: ARC 134 or CAS 134
Shared Competencies: Civic and Global Responsibility (https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/); Information Literacy and Technological Agility (https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/)

ARC 568 Real Estate Design and Development (3 Credits)
Architecture
Analysis of the mechanisms through which real estate is developed, the interaction of public agencies, developers, and designers in initiation, financing, and design. Development fundamentals, evaluating economic feasibility, structuring developments, negotiating and present proposals.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Communication Skills (https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/); Scientific Inquiry and Research Skills (https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/)

ARC 569 Postcolonial Spaces (3 Credits)
Architecture
Exploration of the history of postcolonial architecture and the urban built environment. Additional work required of graduate students.
University Requirement Course: IDEA Requirement Eligible
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/)

ARC 571 Survey of Italian Architecture (3 Credits)
Architecture
Field trips: On-site observation and study of significant buildings and spaces. May apply toward professional elective component of degree program. Offered in Italy.
Coreq: ARC 407 or 408 or 608 or 609
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Civic and Global Responsibility (https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/)

ARC 572 Advanced Computer Applications to Architecture (2-3 Credits)
Architecture
Individual and/or group efforts at investigating and developing new computer programming requirements for architectural applications.

ARC 575 Urban Housing - Building, Block, Street (3 Credits)
Architecture
Focus on housing as an integral part of urban structure, both formal and sociopolitical. Relationships of residential unit to building, block, and city, as they represent the individual and community, are examined.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Civic and Global Responsibility (https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/)

ARC 576 Theories & Analysis of Exurbia (3 Credits)
Architecture
Course studies history, evolution, and contemporary condition of exurban built environment in America.
Prereq: ARC 208
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Scientific Inquiry and Research Skills (https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/)

ARC 582 NYC Internship Experience (3 Credits)
Architecture
This professional elective course immerses students in NYC architecture culture and exposes them to a variety of forms of professional practice through first-hand experience in an office.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Communication Skills (https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/)

ARC 583 Building Practice (3 Credits)
Architecture
Researching and interacting with activists, architects, authors, curators, designers, educators, fabricators, and strategists to reveal diverse approaches to building a professional practice.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/)

ARC 584 Furniture Fabrications (3 Credits)
Architecture
This seminar examines relationships between form, material, and purpose in furniture design. Coursework includes design and fabrication work-or, design-through-fabrication work.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/)

ARC 585 Professional Practice (3 Credits)
Architecture
Legal and administrative aspects of architectural practice. The architect's role in society.
Prereq: ARC 322
Shared Competencies: Information Literacy and Technological Agility (https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/)

ARC 600 Selected Topics (1-6 Credits)
Architecture
Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

ARC 604 Architectural Design I (6 Credits)
Architecture
Foundational design principles encompassing form, spatial composition, function, context, and construction; emphasizing tactile making, material assemblies, and experimentation.

ARC 605 Architectural Design II (6 Credits)
Architecture
Design in an urban context focusing on conceptual design development, hybrid program, site analysis, and introductory integration of tectonic and environmental systems; emphasizing digital tools and techniques.
Advisory recommendation Prereq: ARC 604

ARC 606 Architectural Design III (6 Credits)
Architecture
Development and synthesis of design in a mutifaceted environment; emphasizing contextual research and integration of ecological, economic, cultural, social, and political factors.
Advisory recommendation Prereq: ARC 605

ARC 607 Integrated Architectural Design (6 Credits)
Architecture
Integration of contemporary design technologies, structural systems, building materials and construction assemblies selection, envelope design and environmental control systems, accessibility and life-safety issues, and building performance.
Advisory recommendation Prereq: ARC 606

ARC 608 Special Topics in Architectural Design (6 Credits)
Architecture
Design studio in which students choose from a range of topics and critics.
Repeatable 2 times for 12 credits maximum

ARC 609 Architectural Design VI (6 Credits)
Architecture
Advanced studio. Choice of upper-level studio.
Advisory recommendation Prereq: ARC 608 with minimum grade of C

ARC 611 Structures I (3 Credits)
Architecture
Conceptual and technical introduction to structural systems in relation to architectural form, with lab component. Basic structural concepts and systems, material behavior and analysis of major structural forms.

ARC 612 Structural Systems Design II (3 Credits)
Architecture
Design of structures; choice of appropriate materials and system, design of structural components in concrete, timber and steel. Introduction to wind and earthquake loads, high rise, pre-stressed concrete, and indeterminate structures. Evaluation to include research project.

ARC 621 Building Systems Design I (3 Credits)
Architecture
Conceptual and technical introduction to the relationships between design and climate, material assemblies, structures, building envelope, and environmental systems.

ARC 622 Building Systems Design II (3 Credits)
Architecture
Introduction to mechanical building systems, strategies, and simulation techniques. Science of thermal and visual comfort in relation to environmental systems, building envelope assemblies, passive and active strategies, and human comfort.
Advisory recommendation Prereq: ARC 621

ARC 623 Advanced Building Systems (3 Credits)
Architecture
Double-numbered with ARC 423
Building systems with lab component. Conventional and emerging technologies in construction, building enclosures, mechanical systems, parametric design and simulation tools, and regulatory policy and sustainable standards in relation to integrated architectural design. Additional work for graduate students.
Advisory recommendation Prereq: ARC 612 and 622
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/); Information Literacy and Technological Agility (https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/); Scientific Inquiry and Research Skills (https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/)

ARC 631 Studies in Architectural Histories (3 Credits)
Architecture
Double-numbered with ARC 331
Themes, concepts, and problems in architectural history from Antiquity to 1500.

ARC 634 The Architecture of Revolutions (3 Credits)
Architecture
Cross-listed with HOA 654
Double-numbered with ARC 334, HOA 454
Survey of European architectural theory and practice from the seventeenth century to the nineteenth century. Discussion and analysis of major architects, buildings, and architectural treatises, principally from France, England, and Germany. Additional work required of graduate students.
Shared Competencies: Critical and Creative Thinking (https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/)

ARC 637 American Architecture, Settlement to 1860 (3 Credits)
Architecture
Double-numbered with ARC 337, HOA 374
American architectural history and theory from first settlements through federal and Georgian to various revival modes. Additional work required of graduate students.
Advisory recommendation Prereq: ARC 639

ARC 638 American Architecture, 1860 - World War I (3 Credits)
Architecture
Double-numbered with ARC 338, HOA 375
American architectural history and theory from the Civil War through various revival modes to development of new commercial and residential forms before World War II. Additional work required of graduate students.
Advisory recommendation Prereq: ARC 639

ARC 639 Architectural History Principles (3 Credits)
Architecture
Themes, concepts, and problems in architectural history from 1500 to the present.
Advisory recommendation Prereq: ARC 631

ARC 641 Architectural Theory (3 Credits)
Architecture
Introduction to the recent history of architectural theories and
contemporary approaches to theoretical speculation.

ARC 642 Architectural Theory and Design Research (3 Credits)
Architecture
Project-based, focused application of architectural theories to design
research.
Advisory recommendation Prereq: ARC 641

ARC 650 Architectural Research (1-5 Credits)
Architecture
Selected approaches to architectural research.
Repeatable 5 times for 5 credits maximum

ARC 651 Language and Discourse in Architecture (3 Credits)
Architecture

ARC 670 Experience Credit (1-3 Credits)
Architecture
Participation in a discipline or subject related experience. Student must
be evaluated by written or oral reports or an examination. Permission in
advance with the consent of the department chairperson, instructor, and
dean. Limited to those in good academic standing.
Repeatable

ARC 681 Media I (3 Credits)
Architecture
Introduction to the use and implications of analogue and digital
media. Students will learn fundamental skills and develop innovative
applications for diverse drawing techniques and other media.

ARC 682 Media II (3 Credits)
Architecture
Continued study of architectural media with emphasis on capacities
and techniques of modeling, including advanced digital design and
fabrication.
Advisory recommendation Prereq: ARC 681

ARC 690 Independent Study (1-6 Credits)
Architecture
In-depth exploration of a problem or problems. Individual independent
study upon a plan submitted by the student. Admission by consent of
supervising instructor or instructors and the department.
Repeatable

ARC 698 Directed Research (6 Credits)
Architecture
Double-numbered with ARC 498
A degree-culminating research project led by faculty members in their
areas of expertise. Content and format varies. Additional work required
for graduate students.
Advisory recommendation Prereq: ARC 608

ARC 700 Selected Topics (1-6 Credits)
Architecture
Exploration of a topic (to be determined) not covered by the standard
curriculum but of interest to faculty and students in a particular semester.
Repeatable

ARC 707 Architectural Design (6-9 Credits)
Architecture
Design studio introducing students to the critical application of
architectural research principles and methods as well as current and
near-future concepts, trends, and standards for design to a complex brief
within a program focus area.

ARC 708 Architectural Design (6-9 Credits)
Architecture
Capstone course applying discipline-specific modalities, architectural
research methods, and design principles learned throughout the program
to an independent design and research thesis through collaboration with
program peers and faculty advisors.
Advisory recommendation Prereq: ARC 707

ARC 731 Early Modern Architecture (3 Credits)
Architecture
Double-numbered with ARC 431, HOA 479
Early modern architecture from the 1890s through the 1930s. Additional
work required of graduate students.
Advisory recommendation Prereq: ARC 639

ARC 732 The City in Architectural History (3 Credits)
Architecture
Double-numbered with ARC 432, HOA 419
A single city throughout its history, or various cities at a particular time
in history. Additional work required of graduate students. Additional work
required of graduate students.
Advisory recommendation Prereq: ARC 639

ARC 734 London's Built Environment (3 Credits)
Architecture
Double-numbered with ARC 434
Presents a social and political history of the built environment in London,
focusing on times of destruction and (re)construction. Additional work
required of graduate students.
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-
thinking/); Communication Skills (https://coursecatalog.syracuse.edu/
shared-competencies/communication-skills/)

ARC 735 Islamic Architecture (3 Credits)
Architecture
Double-numbered with ARC 435, HOA 389
Major building traditions of Islam in the Middle East, North Africa, Spain,
Turkey, and India elucidated through in-depth examination of major works
and principles of architectural, urban, and garden design. Additional work
required of graduate students.
Advisory recommendation Prereq: ARC 639

**ARC 736 Modern Architecture: The International Style to Present (3
Credits)**
Architecture
Double-numbered with ARC 436, HOA 475
Architecture of the modern period since World War II. Major works
and figures as framed by the larger architectural issues of the period.
Additional work required of graduate students.
Advisory recommendation Prereq: ARC 639

**ARC 737 French Architecture, Sixteenth and Seventeenth Centuries (3
Credits)**
Architecture
Double-numbered with ARC 433, HOA 439
Architecture of the Renaissance transported from Italy to France
and developed into a specifically French architecture. Outstanding
achievements of more than local interest. Additional work required of
graduate students.
Advisory recommendation Prereq: ARC 639
Shared Competencies: Critical and Creative Thinking (https://
coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-
thinking/)

ARC 738 Introduction to the History of Chinese Architecture (3 Credits)
Architecture
Double-numbered with ARC 438
This lecture course traces the development of Chinese architecture from Neolithic societies at Bànp¿ to the "urban villages" and megacities of the present. Additional work required for Graduate students.
Advisory recommendation Prereq: ARC 631 and ARC 639

ARC 770 Architectural Research (3 Credits)
Architecture
Seminar introducing architectural research methods and the application of contemporary design research tools and techniques as a step toward developing an independent thesis.
Repeatable 2 times for 6 credits maximum

ARC 790 Independent Study (1-6 Credits)
Architecture
Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.
Repeatable

ARC 900 Selected Topics (1-6 Credits)
Architecture
Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.
Repeatable

ARC 990 Independent Study (1-3 Credits)
Architecture
Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.
Repeatable

ARC 998 Design VII-Thesis (1-9 Credits)
Architecture
A major, semester-long, final project produced by the student and advised by the faculty.
Repeatable 2 times for 9 credits maximum
Advisory recommendation Prereq: ARC 607