

# SCHOOL OF ARCHITECTURE

Michael Speaks, Dean  
201 Slocum Hall  
soa.syr.edu (<http://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, the number and variety of study abroad opportunities, and our nationally-accredited, professional degree programs, which provide students with the technical skill and the cultural knowledge necessary to practice in an increasingly competitive global marketplace.

The School of Architecture participates in students' knowledge and skill development through the Shared Competencies (<https://coursecatalog.syracuse.edu/shared-competencies/>), Syracuse University's institutional learning goals that highlight the knowledge and skills students can expect to gain through their architecture courses, liberal arts requirements and co-curricular activities.

Consistent with our commitment to prepare students for a world shaped by globalization, the Syracuse School of Architecture has established the Global Studio program featuring facilities and full time faculty in Florence, London and New York. Students may spend up to two semesters studying full time in these programs. 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 our home campus in Syracuse to teach and lecture. 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 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

### Accreditation

The School of Architecture B.Arch and M.Arch programs are fully-accredited by the National Architectural Accreditation Board (NAAB).

In the United States, most 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 undergraduate NAAB-accredited degree program:

B.Arch - 156 credits (Fall 2019 or later); 157 credits (Fall 2021 or later)

For further information about NAAB accreditation, visit the NAAB website (<http://www.naab.org/home/>).

## Educational Mission

### Program Mission

As a professional-degree-granting college within a research university, the School of Architecture at Syracuse University is committed to fostering a rich academic environment characterized by the convergence 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 Directed Research.
- 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 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 alums, 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 cultivating 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 from all participants.
- The School encourages collaboration among students in their academic work and extracurricular activities, as well as among students, faculty and staff in continually advancing knowledge and improving the ways we work together. It also fosters a culture of

engagement where 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 all forms 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 their lives. This includes managing expectations to minimize conflicts among courses, helping students to manage their time effectively, and promoting a suitable balance between academic work and the other life essentials.
- 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 the treatment of buildings and equipment, interaction with university staff, systems and procedures; and behavior in the studio and elsewhere.

## Undergraduate Education

Chair, Daekwon Park, 201 Slocum Hall  
School of Architecture, (315) 443-8242

The Syracuse University School of Architecture offers one of the most distinguished undergraduate programs in the nation leading to a professional Bachelor of Architecture degree. Founded in 1873, the school provides a comprehensive and intellectually challenging approach to designing the built environment. It is a course of study that recognizes the mix of art and technology, and responds to the changing demands of the profession and society.

The design studio sequence is at the core of the five-year undergraduate program and is a unique component of architectural education. It is here that students begin to understand the fundamentals of design, working alongside their classmates. Instruction takes place at the desk through extensive one-on-one communication with dedicated professors, as well as in formal and informal reviews of work. In addition to studio and class work the school hosts a renowned lecture series, as well as symposia and exhibitions by leading architects, critics, and scholars, many of whom also participate in studio reviews held throughout the semester.

Our faculty members are recognized for their commitment to each student's progress and represent a broad range of the profession, including practicing architects, architectural historians, theorists, professional artists and engineers.

Upper-level students have the option to study in New York City and abroad through programs in Florence, Italy, and London, England. They also have the opportunity to select a visiting critic studio led by notable architects from across the nation and abroad. These design studios explore advanced architectural issues, computer applications, and fabrication techniques.

Prospective students may apply to the school for fall admission. All applicants must submit a portfolio of creative work. We strongly

recommend all applicants to visit the school, complete an interview and undergo an in-person portfolio review.

Students from other schools of architecture may apply for fall admission to the first or second years of the B.Arch. program. In most cases transfer students begin the studio sequence in the first year (ARC 107 Architectural Design I) unless advanced standing has been approved. Transfer credit evaluations are completed after a student is admitted into the B.Arch program.

Syracuse University students interested in Intra-University transfer to the School of Architecture must have a minimum 3.0 grade point average, prepare and submit a portfolio of creative work, and participate in a personal interview. No mid-year transfers are accepted.

Students not enrolled in the B.Arch. program may minor in Architecture. The minor in architecture is described in the Architecture Minor section of the School of Architecture course catalog. For information on the major or minor in the history of architecture, please see the College of Arts and Sciences.

For further information about our undergraduate program, please visit our website (<http://soa.syr.edu/>).

## Off-Campus Programs

Syracuse Architecture offers opportunities for advanced-level architecture students to spend a semester or a summer studying at one of our off-campus centers: New York City, Florence, or London. Undergraduate students typically study away in the spring semester of their third year and/or the fall semester of their fourth and/or fifth year of the B.Arch program. Special scholarship opportunities exist to aid students in taking advantage of study away programs.

### Florence

The Architecture program in Florence leverages its strategic geographical position to challenge the pervasive influence of Eurocentric histories in modern architectural pedagogies and practices. Rejecting idealized, distant representations of a 'known' Italy, the Program investigates the ongoing negotiation of local-historical traditions and global-contemporary values using Florence and Italy as sites of investigation. Through extensive fieldwork at sites of architectural significance, students experience the rich cultural heritage found in the stratified built environment of Italian cities, villages, and landscapes. In one of its central courses, 'Survey of Italian Architecture,' the program offers students the opportunity to articulate a variety of techniques to analyze and infuse notions of Italian canon with context. Sketching, mapping, and 3d scanning become lenses to move beyond the study of hermetically sealed architectural objects. In turn, students acquire the language to engage with complex sites of cultural negotiation and develop design sensibilities to intervene within them. What is at stake is the renewal of architecture's agency to imagine more inclusive narratives of the built environment, to suggest possibilities and uncertainties, and to prepare students as critical thinkers on a global scene. The Architecture program works in close collaboration with the Syracuse Florence Campus, offering students a wide variety of courses and activities across departments.

### London

Housed in the Syracuse University London Center, near Covent Garden and the British Museum, the London Architecture Program is at the forefront of paradigm-shifting factors transforming the world. The program is structured around a design studio and survey course and includes excursions throughout London, the UK, and select global cities.

A London history course and professional elective complement the Architecture course offerings, and students are encouraged to take advantage of the broad array of classes offered at SU London featuring photography, drama, and museum studies. The program is staffed by faculty from Syracuse and London, and includes guest lecturers and visiting critics drawn from the extensive London architecture community.

### New York City

The program builds upon the vibrant academic and professional community of New York City: the civic agencies that organize and define its growth and the wide range of practices that constantly shape (and reshape) its image and form. Across courses, workshops, and experiential learning opportunities students are immersed in an academic environment that foregrounds architectural practice as a subject of study and a venue for production and experimentation. The faculty are prominent New York City-based academics and professionals and are complemented by international guest speakers and mentors from Syracuse Architecture's expansive local alumni network. Professional electives and the architectural design studio are conducted at the University's Fisher Center in Midtown Manhattan, which is shared with the College of Visual and Performing Arts and the School of Journalism, among other programs.

### Japan and South Korea

Our semester in Japan and South Korea is designed to provide students with an experience designing in and for the 21st century city while introducing them to innovative practices in their host cities. The semester in Japan and South Korea is a twelve-credit program that spans five major cities across two countries. While these cities serve as the primary focus points of the program, a rich travel itinerary introduces students to many smaller cities and sights well beyond the realm of the tourist. The Japan and South Korea program offers students an immersive studio and two seminars in urbanism and architecture in some of Asia's most dense, vibrant urban environments. Throughout the semester, the courses connect students with renowned professors and practitioners in each city through dialogue, reviews, guest lectures, and visits to some of the most ground-breaking firms in Asia.

### Los Angeles

Our semester in Los Angeles engages with unique and diverse forms of design practice while immersing students in the vibrant cultural landscape of Southern California. Engaging with a variety of industries such as entertainment, fashion, and design, students spending a semester Los Angeles will participate in advanced architectural design research while exploring the interdisciplinary nature of design. Courses will be taught by prominent Los Angeles-based academics and professionals, complemented by international guest speakers and connections to Syracuse Architecture's local alumni network. To complement the design studio, a professional elective in retail design and branding is offered along with a course in professional practice.

### Short-Term/Summer Global 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. South Korea, India, France, Turkey, Greece, Germany, Russia, Spain, Austria, China, South America and Japan have been the subjects of study for such programs in recent years.

## Questions

For further information about our off-campus programs and the application process, please contact the Syracuse Architecture Associate Dean's office at (315) 443-3324 or visit our website (<http://soa.syr.edu/>).

## 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 situated along the perimeter of these atria 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 equipment includes 3D printers using various media (liquid and solid polymers, paper and starch), laser cutters, large and small, CNC mills and a vacuum former. Required and elective courses range from introduction to the 3D computing environment to digital animation and digital production.

The Slocum Hall Fabrication Lab comprises four rooms located on the west end ground floor (rooms 006, 008, 011 and 012 Slocum). It provides Architecture students with the opportunity to work with tools and machines to make models and working prototypes. 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.

Smith Hall is a secondary location with a full wood shop (006 Smith) with hand tools and six work benches. The Digi Fab Room (005 Smith) features two laser cutters (no plastics), eight FDM Lulzbot 3D printers, four SLA Formlab printers (capable of printing in color, black, white, and clear), one Onyx paper cutter, and two workbenches.

## 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 offers a quiet and convenient place to study, and is connected with the larger Syracuse University library system.

## Programs Major

- Architecture, B.Arch (<https://coursecatalog.syracuse.edu/undergraduate/architecture/architecture-barch/>)

## Minor

- Architecture Minor (<https://coursecatalog.syracuse.edu/undergraduate/architecture/architecture-minor/>)

## 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 Mascarella, 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 100 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 101 Introduction to Architecture (3 Credits)

*Architecture*

Practices, theories, and histories of architecture.

#### ARC 106 Introduction to Architectural Design (3 Credits)

*Architecture*

Culture and practice of architectural design through a series of short design exercises, skill building tutorials, focused discussions, and lectures.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

#### ARC 107 Architectural Design I (6 Credits)

*Architecture*

Ordering systems, spatial thinking, formal analysis, and methods of visual communication.

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 108 Architectural Design II (6 Credits)

*Architecture*

Program and context, and introduction to material and assembly systems.

Prereq: ARC 107

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 121 Introduction to Building and Structural Systems (3 Credits)

*Architecture*

Conceptual and technical introduction to the relationships between design and climate, structures, building envelope, and environmental systems.

Shared Competencies: 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 133 Introduction to the History of Architecture I (3 Credits)

*Architecture*

Cross-listed with CAS 133

Themes, concepts, and problems in architectural history from ancient Egypt to 1500.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

#### ARC 134 Introduction to the History of Architecture II (3 Credits)

*Architecture*

Cross-listed with CAS 134

Themes, concepts, and problems in architectural history from 1500 to the present.

Prereq: ARC 133 or CAS 133

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

#### ARC 141 Architectural Theory I (3 Credits)

*Architecture*

Global introduction to architectural discourse and approaches to theoretical speculation.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

#### ARC 180 International Course (1-12 Credits)

*Architecture*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

#### ARC 181 Representation I (3 Credits)

*Architecture*

Exploration of visual environment with sketchbook, pen, and pencil.

Techniques, rules, and principles of representational freehand sketching and drawing as tools in the architectural process.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

**ARC 182 Representation II (3 Credits)***Architecture*

Continuation of ARC 181. Development of drawing skills to explore and represent space and form required in architectural design investigation, development, and presentation. Exposure to CAD.

Prereq: ARC 181

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 200 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 207 Architectural Design III (6 Credits)***Architecture*

Integration of building and landscape. Includes considerations of ecology, infrastructure, topography and sustainability.

Prereq: ARC 108

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

**ARC 208 Architectural Design IV (6 Credits)***Architecture*

Design in an urban context. Relationships between space, program and tectonics. Includes introductory integration of structural and envelope systems.

Prereq: ARC 207

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

**ARC 211 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.

Prereq: ARC 121 and (MAT 221 or 285 or 295 or PHY 101)

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

**ARC 222 Building Systems Design I (3 Credits)***Architecture*

Introduction to building technology and systems. Materials and methods of building systems, technical documentation, building performance, and codes.

Prereq: ARC 121

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

**ARC 242 Architectural Theory II (3 Credits)***Architecture*

Survey of intellectual histories, presents, and futures of architectural theory.

Prereq: ARC 133/CAS 133 AND ARC 134/CAS 134 AND ARC 141

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 290 Independent Study (1-6 Credits)***Architecture*

In-depth exploration of a subject or issues. Individual independent study based on a plan submitted by the student. Admission by consent of supervising instructor or instructors and program chair.

Repeatable

**ARC 300 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 307 Architectural Design V (6 Credits)***Architecture*

Development and synthesis of design in an urban context. Includes urbanism research, introductory integration of construction systems, environmental controls, and building regulations.

Prereq: ARC 208

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 311 Structures II (3 Credits)***Architecture*

Structural design for architects. Material, system selection and design of structural systems and components. Dynamic loads, specialized forms and indeterminate structures.

Prereq: ARC 211

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

**ARC 322 Building Systems Design II (3 Credits)***Architecture*

Design of building technologies and systems in relation to environmental control, building energy, sustainability. Systems of egress, lighting, electrical, and plumbing. Lab component with simulation techniques.

Prereq: ARC 222 and ARC 208

Shared Competencies: 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 331 Art and Architecture of India (3 Credits)***Architecture*

Cross-listed with HOA 396, SAS 396

Double-numbered with ARC 631

Art and architecture of the Indian subcontinent from the Indus Valley Civilization to the present.

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/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

**ARC 334 The Architecture of Revolutions (3 Credits)***Architecture*

Cross-listed with HOA 454

Double-numbered with ARC 634, HOA 654

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.

Prereq: ARC 133 and ARC 134

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

**ARC 337 American Architecture, Settlement to 1860 (3 Credits)***Architecture*

Cross-listed with HOA 374

Double-numbered with ARC 637

American architectural history and theory from first settlements through federal and Georgian to various revival modes. Additional work required of graduate students.

Prereq: ARC 134 or CAS 134 or ARC 639

**ARC 338 American Architecture, 1860 - World War I (3 Credits)***Architecture*

Cross-listed with HOA 375

Double-numbered with ARC 638

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.

Prereq: ARC 134 or CAS 134

**ARC 350 Social Justice and Architecture (3 Credits)***Architecture*

Fundamental issues related to diversity, inclusion and social justice in Architecture.

Repeatable

**ARC 380 International Course (1-12 Credits)***Architecture*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

**ARC 391 Architectural Drawing Studio (3 Credits)***Architecture*

Architectural techniques of manual and digital drawing.

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 394 Architectural Design Studio (3 Credits)***Architecture*

Architectural design methods and techniques.

Prereq: ARC 391

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 400 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 407 Special Topics in Architectural Design (6 Credits)***Architecture*

Design studio in which students choose from a range of topics and critics.

Prereq: ARC 307

**ARC 408 Special Topics in Architectural Design (6 Credits)***Architecture*

Design studio in which students choose from a range of topics and critics.

Prereq: ARC 407 with minimum grade C

**ARC 409 Integrated Architectural Design (6 Credits)***Architecture*

Integration of formal-spatial thinking, structural systems, building materials and construction assemblies selection, envelope design and environmental control systems, accessibility and life-safety issues, and building performance with emphasis on ecological thinking.

Prereq: (ARC 408 and 423) or (Prereq: ARC 408 and Coreq: ARC 423)

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 423 Advanced Building Systems (3 Credits)***Architecture*

Double-numbered with ARC 623

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.

Prereq: ARC 322

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 431 Early Modern Architecture (3 Credits)***Architecture*

Cross-listed with HOA 479

Double-numbered with ARC 731

Early modern architecture from the 1890s through the 1930s. Additional work required of graduate students.

Prereq: ARC 134 or CAS 134 or HOA 105

**ARC 432 The City in Architectural History (3 Credits)***Architecture*

Cross-listed with HOA 419

Double-numbered with ARC 732

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.

Prereq: ARC 134 or CAS 134 or HOA 105

**ARC 433 French Architecture, Sixteenth and Seventeenth Centuries (3 Credits)***Architecture*

Cross-listed with HOA 439

Double-numbered with ARC 737

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.

Prereq: ARC 134 or CAS 134 or HOA 105

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)**ARC 434 London's Built Environment (3 Credits)***Architecture*

Cross-listed with HOA 325

Double-numbered with ARC 734

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 435 Islamic Architecture (3 Credits)***Architecture*

Cross-listed with HOA 389

Double-numbered with ARC 735

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.

Prereq: ARC 134 or CAS 134 or HOA 105

**ARC 436 Modern Architecture: The International Style to Present (3 Credits)***Architecture*

Cross-listed with HOA 475

Double-numbered with ARC 736

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.

Prereq: ARC 134 or CAS 134 or HOA 105

**ARC 437 Renaissance Architecture in Italy:1400-1600 (3 Credits)***Architecture*

Cross-listed with HOA 437

Architectural design and theory in Italy from 1400-1600, with special emphasis on various cultural contexts that affected the building process and on relationship between architectural practice and its theoretical framework. Covers Brunelleschi, Alberti, Bramante, Michelangelo, Palladio, and others. Offered only in Florence.

Prereq: HOA 105 or ARC/CAS 134

Shared Competencies: 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/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)**ARC 438 Introduction to the History of Chinese Architecture (3 Credits)***Architecture*

Double-numbered with ARC 738

This lecture course traces the development of Chinese architecture from Neolithic societies at Bānpǔ to the "urban villages" and megacities of the present. Additional work required for Graduate students.

Prereq: ARC 133 and ARC 134

**ARC 439 Architecture and Fascism in Italy (3 Credits)***Architecture*

Historical discourse linking architectural aesthetics, materials and spatial compositions with the cultural and political reality of Italian Fascism. Offered only in Florence.

Prereq: ARC 134

Shared Competencies: Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)**ARC 470 Experience Credit (1-8 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 480 International Course (1-12 Credits)***Architecture*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable 1 times for 999 credits maximum

**ARC 490 Independent Study (1-6 Credits)***Architecture*

In-depth exploration of a subject or issues. Individual independent study based on a plan submitted by the student. Admission by consent of supervising instructor or instructors and program chair.

Repeatable

**ARC 498 Directed Research (6 Credits)***Architecture*

Double-numbered with ARC 698

A degree-culminating research project led by faculty members in their areas of expertise. Content and format varies. Additional work required for graduate students.

Prereq: ARC 409 or (ARC 609 and ARC 650)

**ARC 499 Honors Capstone Project (1-3 Credits)***Architecture*

Completion of an Honors Capstone Project under the supervision of a faculty member.

Repeatable 3 times for 3 credits maximum

**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/>)