

ARCHITECTURE (ARC)

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/>)