**Architectural Design I 4 Credits**
Fundamental design studio for architecture majors. Composition, spatial concepts; precedent; materials and detail; light and color in architecture. Instruction in basic communication techniques.
Prerequisites: ART 004 or ARCH 034
Can be taken Concurrently: ART 004, ARCH 034
Attribute/Distribution: AL, HU

**Architectural Design II 4 Credits**
This course concentrates on visualization and fabrication in architecture. Students are introduced to advanced architectural diagramming and model-making as well as conventional and digital representation skills. This course investigates architectural graphics as an active means of communication and as a generative element in organizing architectural space. Precedents and examples are extensively researched. All exercises are designed to enhance students' ability to imagine and visualize complex architectural forms and spaces. Various architectural materials are employed and tested.
Attribute/Distribution: AL, HU

**Architectural Design III 4 Credits**
Studio format, introductory course in architectural design which introduces students to new ways of thinking about architecture and the perception of space, three-dimensional composition, drawing, and model-making.
Prerequisites: ARCH 043
Attribute/Distribution: HU

**Architectural Technology I 4 Credits**
The two-course sequence (ARCH 157 & ARCH 158) introduces the use of building materials, components and systems (slabs, walls, trusses, facade systems, etc.) while providing students with the knowledge to design and construct comfortable, technically sound and aesthetically pleasing buildings. Recommended to be taken concurrently with ARCH 143.
Attribute/Distribution: CC, HU, Q

**Architectural Technology II 4 Credits**
The two-course sequence (ARCH 157 & ARCH 158) introduces the use of building materials, components and systems (slabs, walls, trusses, facade systems, etc.) while providing students with the knowledge to design and construct comfortable, technically sound and aesthetically pleasing buildings. Recommended to be taken concurrently with ARCH 243.
Attribute/Distribution: CC, HU, Q

**Modern History and Sustainable Architecture in Munich 3 Credits**
This Lehigh faculty-led study abroad program allows students from an array of majors to earn three credits over winter break. The program will explore the history, culture, and architecture of Munich, a capital and center of the southern state of Germany, Bavaria. The program of study does not require German language skills. Fulfills an history/ theory elective requirement for the BA in Architecture major.
Attribute/Distribution: AL, CC, HU

**Special Topics in Architecture 1-4 Credits**
Directed projects for students in architecture. Must initiate contact with sponsoring professor. Permission of Instructor required.
Repeat Status: Course may be repeated.
Attribute/Distribution: HU

**Roman Archaeology 3 Credits**
An overview of the development of the city of Paris from its origins as an outpost on the far reaches of the Roman Empire to its rise as capital of medieval Christendom, from seat of Absolute Monarchy to birthplace of modern revolutions, resistance and occupation in the era of world wars, and model of modern urban planning in the 19th, 20th and 21st centuries. Focus is on the way global contexts shaped social and political life at the local level.
Attribute/Distribution: CC, HE, HU

**20th Century Architecture 4 Credits**
History and theories of modern and contemporary architecture. Analysis of buildings, architects, theories and manifestos from the early 20th century to the present.
Prerequisites: ART 001
Attribute/Distribution: HU, W

**Architectural Drawing/Analysis and Expressions 3 Credits**
This course is part of the Lehigh in Italy summer program and will utilize several different architectural drawing techniques to study aspects of architecture from analysis of a piazza to architecture in detail. It will employ pencil sketching, charcoal drawing, and watercolor. These drawings will act as a way of seeing the Italian urban landscape and supplement the study and analysis of the Italian architects' contemporary work. Fulfills an art studio elective requirement.
Attribute/Distribution: AL, HU

**Architectural Design II 4 Credits**
Design principles of space and form and issues of "materiality," "structure," "modes of representation" and the "process of making."
Prerequisites: ARCH 143
Attribute/Distribution: HU
ARCH 271 Special Topics in Architecture 1-4 Credits
Directed projects for advanced students in architecture or architectural criticism. Must have major standing in the department or permission of the instructor. Student must contact sponsoring professor and complete a contract sheet at preregistration.
Repeat Status: Course may be repeated.
Attribute/Distribution: HU, Q, W

ARCH 300 Apprentice Teaching 1-4 Credits
Supervised participation in various aspects of the teaching of a course. Transcript will identify department in which apprentice teaching was performed. Consent of department chair required. The transcript will reflect the subject area in which the teaching was done.
Repeat Status: Course may be repeated.

ARCH 311 Architectural Portfolio 4 Credits
The course will aid students in the concept, layout, and preparation of a portfolio for graduate school application or employment search. Graphic techniques and reproduction methods will be emphasized via software workshops and weekly feedback. Recommended to be taken with ARCH 343. Non-architecture majors interested in taking the course should contact the instructor.
Repeat Status: Course may be repeated.
Prerequisites: ARCH 243
Can be taken Concurrently: ARCH 243
Attribute/Distribution: HU

ARCH 335 Issues in Contemporary Architecture 4 Credits
Seminar on selective architectural topics from the 1960s to the present. Analysis of important architectural projects and theories. Interaction among architecture and social, economic, political and technological changes.
Prerequisites: ART 001 and ARCH 002
Attribute/Distribution: HU

ARCH 342 Theory of Form and Materials 4 Credits
Study of the genesis of form, its representation and its interrelationship to related artistic disciplines. Formal notions will be studied, compared and manipulated through the role of time, scale, perceptual analysis and material transformation. Consent of instructor required.
Attribute/Distribution: HU

ARCH 343 Architectural Design IV 4 Credits
The design of buildings and building groups, with the emphasis on urban design and the city.
Prerequisites: ARCH 143
Attribute/Distribution: HU

ARCH 389 Honors Project 1-8 Credits
Opportunity for undergraduate majors in Architecture to pursue an extended project for departmental honors. Department permission required.
Repeat Status: Course may be repeated.
Attribute/Distribution: Q, W