

Architecture (ARCH)

Courses

ARCH 120 Introduction to Architecture* (3 Hours)

Prerequisites or corequisites: RDG 126 or College Reading Readiness

This course is an introduction to the profession of architecture through a study of its history, vocabulary, theories and practices. The facets that make up the total architectural curriculum as well as the various professional roles that architects can be expected to perform will be covered. Architectural study is seen as both an art and a science. The interdisciplinary character of architectural practice is emphasized. 3 hrs. lecture/wk.

ARCH 123 Architectural Principles* (3 Hours)

Prerequisites: ARCH 120

This course will elaborate on the concepts first presented in introduction to architecture. General focus will be on the modern profession and architects dealing with past, present and emerging ideas as they relate to physical and social context including landscaping, buildings and cities. Unifying themes will be presented of formal architectural principles in relation to modernism and the impact on design, the site, landscaping, and site planning issues. This course is only offered in the spring semester. 3 hrs. lecture/wk.

ARCH 127 Introduction to Architectural Graphics* (4 Hours)

Prerequisites or corequisites: RDG 126 or College Reading Readiness

This course is designed to build a conceptual and manual foundation for professional architectural education. Students will learn to apply a variety of media and drawing systems such as freehand drawing, architectural lettering and equipment usage. Students will also learn applied geometry including line, tone, texture and utilizing sun, shade and shadows. Multi-view, paraline, axonometric and oblique drawings will be taught and students will build models related to architectural forms. Emphasis will be on learning to think in spatial terms while introducing professional, conceptual and visual vocabulary. Graphic presentation skills will be developed using standard graphic conventions, basic computer skills, and basic material investigations. This course is only offered in the fall semester. 8 hrs. integrated lecture, studio/wk.

ARCH 131 Architectural Graphics* (3 Hours)

Prerequisites: ARCH 127 or ARCH 130

This course builds upon the conceptual and manual skills acquired in Introduction to Architectural Graphics. Students will expand their ability by learning to apply a variety of media and advanced drawing systems, such as design drawing techniques, model building, graphic diagramming, grid perspective drawing, projection perspective drawing, and shade and shadow studies. Emphasis will continue to be on learning to think in spatial terms as well as developing a new repertoire of graphic presentation skills. 6 hrs. integrated lecture, studio/wk. This course is only offered in the spring semester.

ARCH 140 Architectural Design* (3 Hours)

Prerequisites: ARCH 127 or ARCH 130

This course introduces the student to the process and vocabulary of design. The purpose of the content is to develop the ability to solve two- and three-dimensional design problems with basic methods, vocabulary and media appropriate to the architectural profession. This course is only offered in the spring semester. 6 hrs. integrated lecture, studio/wk.

ARCH 210 Design History Society* (3 Hours)

Prerequisites or corequisites: RDG 126 or College Reading Readiness

The nature of design, even more than the traditional fine arts, responds to and is indeed inseparable from the culture and society in which it exists. This course provides a survey of design history from the nineteenth-century Industrial Revolution to the present, with emphasis on graphic and industrial design and art and architecture, examining the history of design as it corresponds to changes in economics, politics, technology, industrialization, and other societal factors. While focusing on the events and achievements in modern Western cultures there will be selected references to pre-industrial landmarks and developments and a global scope will be examined. Design will be studied as a social practice that contributes to the production, maintenance, and representation of culture and society. The course will focus less on aesthetics than on the cultural milieu in which designers have created images and objects that give physical form to intangible ideas. 3hrs. lecture/wk.

ARCH 240 Architectural History: Ancient to Middle Ages* (3 Hours)

Prerequisites or corequisites: RDG 126 or College Reading Readiness

This course will trace the development of the built environment from Antiquity to the Middle Ages and explore pre-Columbian and Islamic architecture. Emphasis will be placed on how materials, technological advances and natural environment influence architecture. The shaping of architecture through cultural forces will be stressed. Fundamental design principles and analyses of the built form will also be covered. 3 hrs. lecture/wk.

ARCH 240H HON: Architec Hist:Ancient/Mid (1 Hour)**Prerequisites:** Honors department approval

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

ARCH 241 Architectural History: Renaissance to Enlightenment* (3 Hours)**Prerequisites or corequisites:** RDG 126 or College Reading Readiness

This course will investigate the architecture of the Renaissance, Baroque and Enlightenment periods. A brief exploration into non-Western architecture will also be presented. The focus of this course will be on the principles of design, cultural forces and concept of the built environment within its historical context. The work of prominent architects from each period will be highlighted and analyzed. 3 hrs. lecture/wk.

ARCH 241H HON: Architec Hist:Renais/Enli (1 Hour)**Prerequisites:** Honors department approval

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.

ARCH 245 Architectural History: Modern* (3 Hours)**Prerequisites or corequisites:** RDG 126 or College Reading Readiness

This course will investigate the architecture of the Modern Era. The focus of this course is on the principles of design, education of the architect, artistic forces and concepts of the built environment within its historical context. The work of prominent architects and their architectural theories will be covered and analyzed. 3 hrs. lecture/wk.

ARCH 245H HON: Architectural Hist: Mod. (1 Hour)

One-credit hour honors contract is available to qualified students who have an interest in a more thorough investigation of a topic related to this subject. An honors contract may incorporate research, a paper, or project and includes individual meetings with a faculty mentor. Student must be currently enrolled in the regular section of the courses or have completed it the previous semester. Contact the Honors Program Office, COM 201, for more information.