

## **Architecture Courses**

### **AAE 100**

#### **Introduction to Architecture**

(Same as AAI 100 and AAL 100.) Survey of architecture. Includes historical examples and the theoretical, social, technical, and environmental forces that shape this profession. Especially for majors and non-majors who wish to explore this field as a career choice. 3 credits.

### **AAE 270**

#### **Design Communication**

(Same as AAI 270, AAL 270.) Development of fundamental design communication skills and knowledge integral to the complex process of design decision making. Experimental exploration of theories and applications of methodologies basic to the development of design concepts and two- and three-dimensional representation of design products. Prerequisites: Admittance to major, junior standing or above, minimum 3.00 GPA, and permission of School of Architecture. 6 credits.

### **AAE 280**

#### **Fundamentals of Architecture I**

Elementary studies in architectural design exploring the relationships between various programmatic models, normative building types, and technological themes within specific physical, cultural, and urban contexts. Prerequisite: AAD 182 and AAE 100. 3 credits.

### **AAE 282**

#### **Fundamentals of Architecture II**

Elementary studies in architectural design exploring the relationships between various programmatic models, normative building types, and technological themes within specific physical, cultural, and historic contexts. Prerequisite: AAE 280. 3 credits.

### **AAE 330**

#### **Design With Climate**

Effect of climate on energy uses in buildings, architectural design, and occupants' comfort. Covers basic climatic design principles including passive solar design, site analysis, heat transfer, daylighting, and acoustics. Prerequisite: AAE 280. 3 credits.

### **AAE 380**

#### **Architectural Design I**

Intermediate studies in architectural design exploring the relationships between various programmatic models, normative building types, and technological themes within specific physical, urban, and cultural contexts. Prerequisites: AAE 282, admission to upper division. 4 credits.

### **AAE 382**

#### **Architectural Design II**

Intermediate studies in architectural design exploring the relationships between various programmatic models, normative building types, and technological themes within specific physical, urban, and cultural contexts. Prerequisites: AAE 380. 4 credits.

### **AAE 435**

#### **Developing Sustainable Design**

Exploration of sustainable design emphasizing application of analytical, conceptual, and representational skills within projects that engage cultural, ecological, technological, and urban contexts. Prerequisites: AAE 330, AAL 330. 3 credits.

### **AAE 440**

**Societal Concerns in Architecture**

Societal concerns in architectural and environmental design including codes, zoning, regulations, and standards as applied to site and building projects, occupancy, construction types, exiting, accessibility, and fire protection. Prerequisite: AAE 382, upper-division standing. 3 credits.

**AAE 453**

**Visionary and Utopian Architecture: Plato to Bladerunner** Examination of the nature of visionary and utopian architecture through analysis of historical and contemporary precedent, and exploration of possibilities for application of visionary and utopian thought to design. Prerequisites: Admission to upper division. 3 credits.

**AAE 454****Architecture and the New Urbanism**

Examination of New Urbanism and its implications for architectural design practices. Prerequisites: Upper-division standing. 3 credits.

**AAE 455****Eighteenth- & Nineteenth-Century Architectural History and Theory**

Examination of movements in architectural and landscape architecture from early 1700s to the 1890s. Prerequisites: Upper-division standing. 3 credits.

**AAE 456**

**Twentieth-Century Architectural History and Theory** Exploration of the major theoretical and historical movements of the twentieth century that have influenced architectural practices including contemporary critical theories. Prerequisite: AAE 455. 3 credits.

**AAE 457****Architecture in Las Americas**

Latin American and Latino architectural issues as represented in mainstream practices. Prerequisite: Admission to upper division. 3 credits.

**AAE 458****History of Renaissance and Baroque Architecture**

(Same as ART 491.) Architecture of Europe from 1400 to 1800. Prerequisites: AAD 201/201D and 202 or ART 190 and 191. 3 credits.

**AAE 459****Design and Development**

(Same as AAI 459 and AAL 459.) Survey of the economic and political influences upon the development of building projects and building types. Prerequisite: AAE 382. 3 credits.

**AAE 460****Issues in Contemporary Urbanism**

Examines the forces shaping contemporary architectural and urban design practices including the effects of cultural, economic, and political transformations upon spatial formations. Prerequisites: AAE 382 and AAE 481. 3 credits.

**AAE 461****Construction Documents and Specifications**

Instruction in the development of construction document and specifications skills. Emphasizes 16-Division Construction Specifications Institute (CSI) system. Computer applications; projects; research paper. Prerequisite: ABS 321. 3 credits.

**AAE 480****Architectural Design III**

Advanced studies in architectural design emphasizing application of analytical, conceptual, and

representational skills within projects that engage cultural, ecological, technological, and urban contexts. Prerequisite: AAE 382. 4 credits.

**AAE 481**

**Architecture, Place and Identity**

Cultural dimensions of architecture and the city. Examining various issues confronting architectural professionals ranging from gender and diversity, multiculturalism, race and ethnicity, and the politics of identity. 3 credits.

**AAE 482**

**Architectural Design IV**

Advanced studies in architectural design emphasizing application of analytical, conceptual, and representational skills within projects that engage cultural, urban, ecological, technological, and urban contexts. Prerequisite: AAE 480. 4 credits.

**AAE 485**

**Non-Western Settlements**

Study of non-Western design throughout the world. Examination of cultural, historical, and geographical determinants in the construction of a specific design. Consideration of the impact of multicultural activities. Investigation from supplemental disciplines like sociology, anthropology, and urban geography. Prerequisite: Upper-division standing. 3 credits.

**AAE 491**

**Professional Practice**

Issues of professional practice, including legal requirements, ethics, management structures, malpractice claims, value engineering, contracts, and the professional job market. Prerequisite: Admission to upper division. 3 credits.

**AAE 493**

**Independent Study**

Independent study of a selected topic in architectural design. May be repeated to a maximum of six credits. Prerequisite: Consent of instructor. 1-3 credits.

**AAE 495**

**Special Topics in Architectural Design**

Experimental and other topics which may be of current interest in the area of architectural design. Topics and credits to be announced. May be repeated to a maximum of eight credits. Prerequisite: Consent of instructor. 1-4 credits.

**AAE 496**

**Special Topics in Architectural History and Theory**

Topics of current interest in architectural history and theory. Topics and credits to be announced. May be repeated to a maximum of nine credits. Prerequisites: Admission to upper division. 1-3 credits.