



# Curriculum

# 1 Overview

The UAA's programme begins with an introduction week and includes multiple field trips, guest lecturers, and a monthly book and film club. The programme extends over two semesters of four months each, with a two week Christmas break in between. A course overview is presented below.

Autumn Semester				Winter Semester			
September	October	November	December	January	February	March	April
Architectural History				Building Typologies		Building Technology	
Drawing and Architectural Representation				Urban Design Studio		Building Design Studio	
Classical Design							
Urbanism							

## 2 Course Descriptions

---

### **Architectural History**

Autumn Semester: September-December

A survey of architectural history from the Egyptian, Greek, and Roman civilizations to Europe during the Romanesque and Gothic periods. Continuing with Renaissance and Baroque Europe to the 18th and 19th centuries in Europe and the Americas, to the world-wide impact of the Modern Movement and late 20th century reactions to it. Each period is studied in relation to physical determinants, such as climate, materials, technology, and geography, and historical determinants such as economics, religion, philosophy, politics, society, and culture. Numerous architects and their work are profiled such as: Andrea Palladio, Bernini and Borromini, Christopher Wren, Pierre Cuyper, Julian Abele, Le Corbusier, Julia Morgan, Gerrit Rietveld, Frank Lloyd Wright, Zaha Hadid, and Francine Houben.

---

### **Drawing and Architectural Representation**

Autumn Semester: September-December

Instruction and studio work in the techniques of traditional architectural drawing and presentation. Includes mediums such as pencil, pen, and water colour.

---

### **Classical Design**

Autumn Semester: September-December

Introduces students to the grammar, syntax, and composition of classical architecture and its relationship to expression and urbanism. This includes the five orders of classical architecture and considers the theoretical and practical background of traditional architecture through examining both primary theoretical sources (including Vitruvius, Alberti, Serlio, Palladio, Vignola, Scamozzi, Claude Perrault, and others) as well as influential pattern books; and the pertinence of both to contemporary architectural discourse and practice.

---

## **Urbanism**

Autumn Semester: September-December

A theory course entailing a broad survey, both typological and historical, of the physical characteristics of traditional western cities and their development, with special emphasis upon urban form as a cooperative human artifact embodying particular cultural values and ideals. Numerous urbanists and developer are profiled such as: Camillo Sitte, Baron Haussmann, Le Corbusier, Robert Moses, Jane Jacobs, and Léon Krier. Numerous case studies are also explored.

---

## **Building Typologies**

Winter Semester: January, February

Examines different types of buildings, their purposes, how they are used, and subsequent design strategies. Explores circulation patterns of public buildings and how building design may facilitate or impede adaptive re-use.

---

## **Urban Design Studio**

Winter Semester: January, February

Independently selected final urban design focusing upon a project of the student's choice.

---

## **Building Technology: Materials, Sustainability, and Cost**

Winter Semester: March, April

Qualitative principles of building assembly and detailing in timber, masonry, concrete, steel, glass, and stamped earth. Explores how design can impact longevity, cost, and energy consumption, as well as opportunities for using modern technology in traditional designs.

---

## **Building Design Studio**

Winter Semester: March, April

Independently selected final design focusing upon a project of the student's choice. Students have the option of completing a building design that fits within their previous urban design, or a building independent of their previous urban design.