

**Code:** ING-IND/13

**Credits:** 9

**Matter:** History of architecture

**Main language of instruction:** Italian

**Other language of instruction:** English

## Teaching Staff

### Head instructor

**Prof.** Enrica Di Miceli - [enrica.dimiceli@unicusano.it](mailto:enrica.dimiceli@unicusano.it)

### Introduction

#### *1. Objective of the course:*

The teaching of "History of Architecture" aims to provide students with the cognitive tools necessary to chronologically analyze the main evolutionary stages of architecture from its first and significant events to today.

The knowledge of the problems and critical reflection on the themes and the monuments will be encouraged, as well as the ability to implement diachronic and synchronic comparisons and the evaluation of different architectural trends by identifying their emblematic works. Particular attention will be paid to the description of architecture, to the ability to illustrate a building, evaluating its purpose; the economic and social context; the needs and objectives of the client; the use of materials; construction techniques; relations with the urban context and the landscape; symbolic effectiveness and representative values.

### Objectives

#### *2. Course Structure:*

The course is organized in seven modules and laboratory for illustrations. The lectures will allow the student to critically focus on the most significant moments in the history of western architecture from the Greek period to the contemporary age. The program will address the following topics:

The first three modules refer to the architectures of Ancient Greece and Rome.

The fourth part of this course examines the cultural, historical and geographical reasons that put an end to the ancient world, allowing the modern era to be born starting from the late medieval Florence and then expanding into the Italian peninsula and Europe. The **fifth part** analyses the main characters and cities of the Renaissance architecture, from Filippo Brunelleschi to Palladio, focusing on social and political contexts of important Italian and European cities. The sixth part refer to

the baroque and late baroque architecture, with particular focus on important architect of this period (Bernini, Borromini, Rinaldi, Fontana, Juvarra, Vanvitelli, etc.). In the final two modules, the architecture of the 18th and 19th century will be analyzed.

At the end of this course students are expected to understand themes and issues that characterize the birth of the modern age.

### **Competencies:**

- to be able to study and research, and understand the architectural heritage
- be able to correctly identify parameters and conditionings that determine the genesis and formulation of the architectural project
- mature historical awareness to act and to design in the present
- to acquire skills to judge critically in order to formulate a correct interpretation of the different architectural phenomena
- to be able to correctly describe the formal, spatial and constructive characteristics of architectural works
- to acquire a specialized terminology
- acquire the skills for a correct reading of the historical architecture to be applied to themes and phenomena different from those specifically addressed in the course

### **Syllabus**

#### *3. Programme of the course:*

**Subject 1.** Greek and Hellenistic Architecture (Archaic Greek, the architecture orders., examples of sacred architecture in Magna Graecia, Classical Greece - the monumental complex of the Acropolis of Athens).

**Subject 2.** Roman architecture (brick architectural culture and the relevant technological elements: the arch and the vault; roman innovations; evolution of building typologies (Basilica, Theater and the Amphitheater, Circus, the Baths); principal architectures of Imperial Rome and Late antique period).

**Subject 3.** Early Christian architecture (domus ecclesiae, Cristian basilica, baptistery, martyria)

**Etivity 1.** Freehand redraw on A4 sheets of: the plan of Temple of Paestum and Selinunte, the plan of the Maxentius Basilica and San Giovanni in Lateran. In plan or

in front the fundamental elements and / or architectural parts will be indicated (for example: column, pronaos, narthex, nave, transept, etc.)

**Subject 4. Byzantine and medieval architecture** (Byzantine architecture in Italy; Regional school of Romanesque architecture in Italy; Gothic architecture in Europe and in Italy).

**Subject 5. Renaissance architecture** (Brunelleschi, Alberti, Bramante, Michelangelo, Giulio Romano, Antonio da Sangallo il Giovane, Palladio)

**Etivity 2.** Freehand redraw of: plan of “Sacrestia Vecchia in San Lorenzo” (Brunelleschi), front of “Portico degli Innocenti” (Brunelleschi), front of “Tempio Malatestiano” (Alberti), front of “Santa Maria Novella” (Alberti), front of “San Pietro in Montorio” (Bramante), plan and front of della Villa La Rotonda (Palladio).

**Subject 6. Baroque and eighteenth-century architecture** (Bernini, Borromini, Carlo Fontana, Guarino Guarini, the principal architectures of Rome in eighteenth-century, Vanvitelli, Fuga, Juvarra).

**Etivity 2.** Freehand redraw of plan of “Sant’Andrea al Quirinale” (Bernini) and plan of “San Carlino alle Quattro Fontane” (Borromini).

**Subject 7. Nineteenth and twentieth century architecture** (Williams Morris and iron architecture; Chicago School; Art Nouveau: Horta, Van De Velde, Liberty in Italy; Catalan modernism: Gaudì; Walter Gropius and the Bauhaus; Ludwig Mies Van Der Rohe; Le Corbusier; Frank Lloyd Wright; Alvar Aalto; Rationalism in Italy; Architecture High-tech: Foster, Renzo Piano, Rogers; Louis Kahn.

### **Evaluation system and criteria**

The exam consists in a written test aimed at verifying the abilities of analysis and re-elaborated of concepts acquired and in a series of activities (Etivity) carried out during the course in virtual classes.

The evaluation of Etivity from 0 to 5 points, is carried out, during the course. The profit exam is evaluated for the remaining 0 to 25.

The expected learning outcomes regarding the knowledge of the subject and the ability to apply them are assessed by the written test.

### **Bibliography and resources**

*4. Recommended bibliography:*

N. Pevsner, "An Outline of European Architecture", Gibbs M. Smith Inc , Layton, UT, United States 2009

P. Nuttgens, "The story of Architecture", Bruno Mondadori, Milano 2001

L. Bartolini Salimbeni, "Lineamenti di Storia dell'Architettura", Sovera, Roma 2011

L. Benevolo, "Storia dell'architettura moderna", Roma-Bari 1960 (subseq. ed.)