



DOCTORAL
SCHOOL
AT GDAŃSK
UNIVERSITY
OF TECHNOLOGY

Course: 3rd sem. 2020/21, Architecture and Urbanism

Course: Contemporary research methodology, evaluation and preservation of historic architecture

Teaching hours: [30] h

Assoc. Prof. Dr. Paola Ardizzola

Subject: "Introduction to Restoration and Construction Recovery"

Prerequisites: The course is primarily open to all PhD students at Gdansk University of Technology.

This course is compulsory for PhD students assigned to **Architecture and Urbanism** tracks at Doctoral School at Gdańsk University of Technology

Course outline

Content

The course provides an introduction to the restoration process and construction recovery of the architectural heritage, as well as to survey the recording of historic buildings and their sites. By the end of the course, students are expected to have basic information with respect to the recording techniques, understanding the significance and function of the historical sites within the urban fabric, and having the first means for approaching a restoration and requalification process of a historic building. Students are expected to develop the sensibility and the awareness of what art and architectural heritage represent within the socio-cultural and economic context of a Country, within a worldwide perspective.

By the end of the course, the student will be able to: emphasize the importance of the historic buildings within the contemporary built environment; stress the importance of architectural heritage as legacy of the civilization development, which belongs to the entire world; learn the fundamental methods of survey and measurement, basic means for recording a building and approaching a restoration/requalification project; understanding the importance of historic buildings according to the historical perspective, and interpreting them as objects of inspiration for the design process

General topics coverage:

Course Outline/Topics	Tasks
1 Prolusion to the course. Concepts in architectural and cultural heritage	1 st assignment
2 Understanding a historic place	2 nd assignment
3 Causes of decay	3 rd assignment
4 Excursion to old town centre	Task 1
5 Restoration, conservation and site management	Video
6 Researching, analysing, and finding construction recovery solutions	4 th assignment
7 Overview of existing charters and guidelines on immovable cultural heritage	5 th assignment
8 Approaches to research data and bibliographies	Task 2
9 Awareness and outreach/World Heritage case study	6 th assignment
10 Socio-economic and tourism development in the light of cultural Heritage	Video
11 Preserving Cultural Heritage/Seminar on line with Prof. Dr. Olimpia Niglio – Round Table	
12 Tourism and Heritage/Seminar on line with Prof. Dr. Jay Schrock – Round Table	
13 Students' final presentations Task 1 and Task 2/Discussion-Round table	

Teaching mode

There will be 30 hours of lectures/seminars, to be completed during the third semester of PhD program. The teaching method is basically based on:

Lecture/presentation to the whole group and with the use of audiovisual aids to transmit information: didactic presentation of information.

Online seminars.

The teaching method is combined with:

- Assignment and tasks to be presented by students.
- Discussion/Round table/Interaction with students.
- One excursion/site visit, in order to experience the buildings and space as discussed in the lectures.

During the course students will be asked to:

- Participate actively in the discussions/Round Tables, interacting with the lecturer and among them
- Set the Task 1 and 2 to be presented orally in front of the classmate, who will be involved in the assessing process
- To work on the in-class assignments related to each topic just discussed in class

The course is entirely delivered in English.

Examination

A wide range of formative feedback from your tutor, questions and practical individual and group exercises will be used by tutors to aid learning as will exercises to encourage the researchers' abilities in critical and reflective learning. The exact nature of these assessment devices will be at the discretion of the tutor. The PhD students will be required to demonstrate their skills, knowledge and understanding of the general course outline during an oral/written examination.

Essential Textbooks

R. Letellier, with contributions from W. Schmid and F. LeBlanc, 2007. *Recording, Documentation, and Information Management for the Conservation of Heritage Places*, vol. I. Publisher: The Getty Conservation Institute

Donatella Fiorani, Loughlin Kealy, Stefano Francesco Musso (eds.), 2017. *Conservation-Adaptation. Keeping alive the spirit of the place, adaptive reuse of h*

Recommended Readings

Olimpia Niglio, 2013. John Ruskin. *The conservation of cultural heritage*, lecture given at Kyoto university (pdf available on academia.edu)

Olimpia Niglio, 2009, *Conservation and actuality in ancient environments. From the 1931 Athens Charter to the 2008 Bethlehem Charter*, in E. Palazzo, *Rehabilitation planning in the historical towns of the occupied Palestinian territory*, EdA, *Esempi di Architettura*, Padova, pp. 31-41.

Ugo Carughi, Massimo Visone (eds.), 2017. *Time Frames:*

Conservation_Policies_for_Twentieth Century Architectural Heritage. London: Routledge

Italo Calvino, 1988. *Six memos for the next millennium*. Harvard: Harvard University

Presseritage with symbolic value, Rome: Quasar