



Dipartimento di Architettura e Territorio – dArTe

Corso di Studio in Architettura quinquennale – Classe LM-4

Degree course	LM4 Architecture (five years course)
Course code	SAR37
Lecturer	Marco Mannino
Course name	Laboratory Architectural Design 2
Disciplinary area	B,C
Disciplinary field of science	ICAR14, ICAR 16
University credits – ECTS	8 + 4 0 12 cfu
Teaching hours	80 + 40 = 120 hours
4 th	4 th
Semester	One year course

Synthetic description and specific course objectives

The subject of this course is the planning of a little urban district, a residential area with public spaces and facilities, including and recovering diverse witnesses showing the development of the towns of Messina and Reggio Calabria.

This course provides students the opportunity to reflect on the need to find an architectural and urban identity undermined by the urban development “without ideas and design” of the 1960s. This could also be an opportunity to reflect on contemporary towns in the South of Italy.

The area identified for the urban planning is “Tirone” in Messina and via Reggio Campi in Reggio Calabria.

Specific educational goals (4th year):

1. acquire a study method, made of subsequent steps in elaborating an architectural project on buildings, or arrangement of open spaces.
2. be able to plan a urban architecture on a part of a town considering the *Functional Programme* and its *urban void*
3. be able to plan a urban architecture with implications typical of a southern town, its history, its economy, its social fabric, its whole context
4. face the practical aspects of a construction project (technology required, dwelling installations, facilities) with some references to an executive project

Course entry requirements

The course will start in Oct. 2013 and will finish by the end of May 2014

Admission requirement is passing Architectural Design Studio 1st year

Course programme

The programme includes a construction project of a district where residential function is connected to social function. This contemplates the planning of houses, of facilities and open spaces for social interaction.

The year's subject is a reflection on the elements of a *living house* and the studio will focus on *city architecture*.

The course will develop understanding of the civil value of a living house, its parts, the relations among them and the landscape, the transport system, the functional relation between houses and facilities.

The final aim is to reflect on the relation between architecture and landscape, architecture and town. It's the landscape that will suggest the type of housing and the construction of the public spaces. The type of housing is not only based on past experience but will be the expression of a research on the features of buildings.

Students will be requested to make proposals and find new solutions, which may also come from the exchange of ideas among participants.

Students will make a final draft with significant details on architectural design, without entering the phase of an executive project, both for the living house and for the public space.

Students will also elaborate the planning of interior design of a single housing unit (or a single facility)

Expected results

The course activities aim at providing the students with a *classical theory* on architecture that is not in contrast with modernity, but on the contrary tries to overcome its supposed contradictions.

At the end of the 4th year the student will be aware of:

- ⤴ urban morphology and type of housing
- ⤴ settlement types and models
- ⤴ the concept of architectural tectonic linked to the construction practise
- ⤴ basic ideas about furnishing for public and private spaces (street furniture and interior design)

Course structure and teaching

The course will be carried out in 3 phases. Each phase includes:

Lectures: 10 hours in lecture theatre

Practical / Workshops: 30 hours for the development and assessment of the project

Lectures will focus on:

Typological and morphological aspects of architecture

- ⤴ the concept of type
- ⤴ planning on open space
- ⤴ the experience of the masters

Architectural design

- ⤴ features of residential space
- ⤴ elements composition of a urban building
- ⤴ tectonic in the architectural composition

Interior design

- ⤴ Features and construction of an interior space
- ⤴ the relation between living space and enclosure
- ⤴ famous interior designers' work

Student's independent work

Students' independent study includes:

First step: *students will get familiar with the subject of the course.*

they will enhance their technical and practical knowledge to get ready for the planning phase of an urban area through individual study and research on past relevant projects

Second step: *developing the subject*

Students face the problems of the planning process, considering the relation between architecture and construction. Students will personally develop the ideas of the project focusing on the year's subject

Third phase: *Conclusion*

This phase is completely devoted to the design of the project with an individual contribution on furnishing (street furniture and interior design)

Testing and exams

For the development of the urban planning, students will be divided in working groups (each student's individual contribution must be recognizable).

The development of the furnishing project (street furniture, housing unit or facility) is individual.

Students are admitted to final exam on the basis of their advancement in the workshop and only if they attend at least 70% of workshop

The exam will be the discussion of the projects elaborated during the workshop and the final project. The discussion will focus on the choices and their coherence considering the structural and cultural aspects of the architectural project. The final mark will be also influenced by student critical thinking about theoretical aspect developed during lectures

Suggested reading materials

Reading materials will be suggested as the course develops.

Basic suggested readings are :

- *Die Idee der Stadt/L'idea della città* a cura di Uwe Schröder
In particular essays by: G. Pigafetta, M. Fagioli, H. Kollhoff, A. Monestiroli, V. Gregotti, G. Malacarne, F. Purini, F. Stella
- *La metopa e il triglifo* by Antonio Monestiroli
- *Tettonica e architettura* by Kenneth Frampton
- *Silenzi eloquenti* by Carlos Martí Arís
- *La solitudine degli edifici e altri scritti* by Rafael Moneo.



Dipartimento di Architettura e Territorio – dArTe

Corso di Studio in Architettura quinquennale – Classe LM-4

Programme	LM4_ Architectural Studies – five year programme
Teaching code	SAR37
Professor	Francesco Cardullo
Course	Workshop in Architectural Project/ Design 2
Disciplinary Field	B and C
Scientific Academic Field	ICAR 14 and ICAR 16
University credits - ECTS	8 + 4 = 12 ECTS
Teaching Hours	120 hours of workshop
Course year	4°
Type of the course	annual

Brief description and main objectives of the course

The aim of the course is the design of a museum, with both indoor and outdoor spaces, which has to include and recreate various documents and materials to show the development of the city of Messina from its origins to the earthquake in 1783, and then its reconstruction after the other earthquake in 1908 and lately after the Second World War.

This is intended to realize a place of memories where it is possible to rediscover an urban and architectural identity, mainly compromised and/or pockmarked by the urbanization process that had not followed any precise idea or project from the Sixties onwards.

The course is also a way of reflecting about the contemporary city in Southern Italy.

The area where the student will have to project the museum is the junction between Via Cesare Battisti and Viale Europa in Messina.

Objectives of the course:

1° Learning a step by step method which allows to elaborate an architectural project both for the interior of a space and for an empty urban space.

2° Learning to handle an architectural urban project of a specific area of highly popular interest and complex structure, knowing how to handle and respect the “*Functional programme*” with related empty public space.

3° Learning to handle such a project with the typical implications of a Southern city, its urban history, its economy, its local inhabitants and generally speaking its background.

4° Learning to tackle the how-to-build core issues of the project (technology, installations, structures) involved to the final project with some executive aspects of it.

5° Learning to handle fundamental historical and memorial problems typical of a place, following the artistic side of the architecture concept.

Requirements

As stated in the “Educational guideline”, it is necessary to pass the preparatory exams of *Composizione 1°* and *2°* and *Laboratorio di Progettazione Architettonica 1* before attending this course.

In order to fully understand the course, it is preferable to have a good knowledge of the main contents of all the courses attended in the previous three years of the “Manifesto”.

Course programme

The workshop is intended to be an experience for the students in the second part of their five-year degree course of study. At this point of his studies the student should acquire the specialized competences needed for the architectural design, and therefore the different disciplinary knowledge in the field of the project design, such as in the one of history, urban, technology, structures, and in the field of open space and interior public design.

The knowledge of all these factors can help to deal with an architectural and urban project in the fourth year of study, after having done a first workshop experience, with an appropriate level of difficulty, in the third year.

It is intended to make the most of the several fields of knowledge already acquired, and combining them with those that will be faced during this course, it is possible to make a synthesis of all of them to deal with a project in a more well-structured and general way. All the different aspects need to be considered, the details, the theoretical themes, the composition aspects, the figurative aspects, the functional programme, the structures, the systems, the interior, the empty spaces and the garden spaces, and all the symbolic aspects, basically it will be an experience of synthesis of all the complexities of an urban architectural project.

The workshop provide for the integration of two disciplines, **Architectural design** (Icar 14) and **Interior design** (Icar 16). Together they need to be considered and integrated for the fulfilment of the project assigned.

The contribute of interior design integrate with those of Architectural design 2 with the aim of giving the students a synthesis of the set of problems tied to a museum project.

In the time-table of the workshop and in the attachment 3 of the material delivered to the students, there is a list with all the lessons and the subjects handled in the workshop.

Expected results

At the end of the course, the student should have the awareness of:

- Concept of urban morphology and construction building typology;
- Urban Models;
- Concepts of common urban services;
- Concept of tectonic architecture tied to the practice of "construction";
- Set of notions inherent to the so defined "interior design".

Course structure and teaching

Lectures (<i>hours/year in lecture room</i>):	40 hours
Practical class (<i>hours/year in lecture room</i>):	80 hours
Practical activity (<i>hours/year in lecture room</i>):	<i>In the attached time-table are indicated all the different Activities</i>

Student's independent work

The workshop, as it is of its nature and peculiarity, foresee an intense activity to carry out in the lecture room. There are also predicted some in-depth analysis to carry out at home. Student should study essays, books and specialized magazines, they should learn to elaborate notes, they should make plastic models and pictures, and they should draw the projects that they study. In the end they also should draw hand free, in the form of sketches, the personal project that they will elaborate for the fulfilment of the course.

The attached timetable shows all the deadlines.

Testing and exams

The student every week performs a task: design, sketch, thesis, drawing, concept, project.

A timetable organizes all the works.

Suggested educational material

In the folder of "Laboratorio di Progettazione Architettonica 2", in the web site of the multimedia centre of the Faculty, now department, at the beginning of the academic year, students will find:

- _ All the lessons that the professor will illustrate on power-point, they can be downloaded and printed;
- _ Cartographic, photographic, graphics documentation of the project area;
- _ Attachment 00 with the "Programma del Laboratorio"
- _ Attachment 01 with the "Calendario del Laboratorio"
- _ Attachment 02 with "Elenco degli esercizi, dei quaderni delle esercitazioni svolte dagli studenti"
- _ Attachment 03 with "Elenco delle lezioni"
- _ Attachment 04 with "Programma funzionale"
- _ Eight audio Files
- _ Music lessons

Textbooks:

01. Cardullo, Francesco, *Architettura e Meridione*, Roma, Officina, 2005.
02. Cardullo, Francesco, *Messina-Reggio, 1908-2008*, Roma, Officina, 2008.
03. Romano, Marco, *Ascesa e declino della città europea*, Milano, Cortina, 2010.
04. Ghirri, Luigi, *Lezioni di fotografia*, Macerata, Quodlibet, 2010.
05. Baremboim, Daniel, *La musica sveglia il tempo*, Milano, Feltrinelli, 2007,
in alternative: Strawinskij, Igor, *Poetica della musica*, Pordenone, Ed. Studio Tesi, 1992.
06. Burke, Peter, *Testimoni oculari*, Roma, Carocci, 2003.
07. Alves, Rubem A., *Parole da mangiare*, Biella, Qiqajion, 1998,
in alternative: Heschel, Abraham Joshua, *Il Sabato*, Milano, Garzanti, 2001.

The study of these books must be related in a "notebook".

A more specific and articulated bibliography is included in the attachment 01 delivered to the students at the beginning of the year.