



Dipartimento di Architettura e Territorio – dArTe

Corso di Studio in Architettura quinquennale – Classe LM-4

Degree course	Architecture
Course code	SAR07
Lecturer	Rosario Giovanni Brandolino
Course name	Architectural Survey A
Disciplinary area	C
Disciplinary field of science	ICAR/17
University credits - ECTS	6
Teaching hours	60
Course year	3th
Semester	2nd

Synthetic description and specific course objectives

The course has two primary objectives:

- The acquisition of a theoretical and cognitive process, closely related to method and practice, which proposes applications and operations leading to the knowledge of a place and to the design characteristics of the sign. Basic concepts for a speed and instrumental survey.
- The acquisition of skills and abilities that aims to restore the graphics of the metrics and formal qualities.

Course entry requirements

Knowledge of the characteristics of descriptive geometry and of the essential aspects of the analogic and digital design.

Course programme

The program aims to define a theoretical and operational issue in relation to the problems of knowledge of the physical world and material culture, through the reading and representation of architecture.

The main topics will include:

- A general definition of the architectural survey
- A general definition of the urban survey
- Contents and practice of the direct and instrumental relief
- Outlines of return and representation

It proposes an approach with relief that, through the acquisition of metrical, formal and quality elements, presents a critical overview of the handmade articles for a correct and relevant "management" of the architectural and environmental heritage.

Expected results

Among the expected results is aimed at the acquisition of technical, methodological skills and sensitivity directed to the interpretation of architectural space, capable of revealing "values" and "anti-values" of the built environment.

Course structure and teaching

Lectures (*hours/year in lecture theatre*): 40

Practical class (*hours/year in lecture theatre*): 10

Practical / Workshops (*hours/year in lecture theatre*): 10

Student's independent work

Students will develop practical applications of the theoretical contents covered during the course and constantly checked with the teacher.

Testing and exams

They include a series of periodic audits of theoretical and practical training, through practical experiments in the classroom.

The final check will focus both on the evaluation of the thematic elaborated assigned by the teacher according to the specific guidelines, both on checking the skills acquired on the topics covered during the course.

Suggested reading materials

Bibliography

Docci M., *Manuale del disegno architettonico*, Laterza, Bari-Roma 1990

De Luca L., *La fotomodellizzazione architettonica. Rilievo, modellazione, rappresentazione di edifici a partire da fotografie*, Dario Flaccovio Editore, Palermo 2011

Di Napoli G., *Disegnare e conoscere. La mano, l'occhio, il segno*, Einaudi, Torino, 2004

Mediati D., *L'occhio sul mondo. Per una semiotica del punto di vista*, Rubbettino, Soveria Mannelli, 2008

Sacchi L., *L'idea di rappresentare*, Kappa, Roma, 1994

Sitography reference

www.lineamenta.it

www.ilprogetto.it

www.rappresentazione.it

Other Teaching Materials

During the course will be made available to the students various educational materials, such contents will be downloaded from the website of the Multimedia Laboratory of the University.



Degree course	Architecture
Course code	SAR07
Lecturer	Prof. Gaetano Ginex
Course name	Architectural Survey A
Disciplinary area	C
Disciplinary field of science	ICAR/17
University credits - ECTS	6
Teaching hours	60
Course year	3th
Semester	2nd

Synthetic description and specific course objectives

Learn how to draw to represent and to measure the architecture is the goal that we aim to achieve. The object of study is the architecture at different scales of knowledge from Freehand drawing to manual and instrumental importance. The aim of the course is to give the student of methodological assumptions and graphs to use critically the techniques of drawing and metric and instrumental pad as well as critical by using drawing and representation of the natural and built environment recognizing its geometric quality, size, proportion and materials.

Course entry requirements

The student is asked to grapple with the problems associated with the relief and the representation of a city, a building of historical architecture and context where this fits. On it each must experience the various graphic techniques and previously acquired information, as well as apply in controlled form, various tracking procedures. Students must be able to communicate, through a specific terminology of the discipline and through editing graphics boards relating to topics covered during the year, the contents expressed through theoretical and practical lessons. They must also demonstrate learning in progress during the course and ability to apply the rules to any graphic representation

Course programme

The course will be divided into two different times (knowledge and application):-a moment that is the presentation of the contents to be developed as a step on the "field" with annotated illustration of basic material. A moment that requires the definition and completion of the designs required, supported by meetings that have the objective to verify the analyses carried out on the "field". In this context will be studied in the largest possible way, the complex morphological tissue architecture, as it is in its relationship between architecture form and environment and what are the reading systems to better understand and represent it. The procedures to be taken can be summarised:-identification of the morphological nature of the individual elements that make up the urban armature of an urban system; -Analysis of the hierarchy of existing items functionally and morphologically more stable. "Identification of the" form. "-particular attention will be given to the elaboration of the digital model. Finally, the "major project" will be understood as basic operation to be carried out through a series of stages of work consequential. Additional modules are available with external experts.

Expected results

Learn how to draw to represent and to measure the architecture is the goal that we aim to achieve. The object of study is the architecture at different scales of knowledge from Freehand drawing to manual and instrumental importance. The aim of the course is to give the student of methodological assumptions and graphs to use critically the techniques of drawing and metric and instrumental pad as well as critical by using drawing and representation of the natural and built environment recognizing its geometric quality, size, proportion and materials. Students must demonstrate to know analyze using design architecture and the representation of the natural and built environment recognizing its qualities. Students must also develop autonomous knowledge and critical thinking skills than exposed by teaching, on the topics addressed in the course of lessons, showing that you have acquired a mastery of important techniques and a capacity of graphic expression that will then draw up an architectural critic material investigated through drawing and relief.

Course structure and teaching

Lectures (*hours/year in lecture theatre*): 40
Practical class (*hours/year in lecture theatre*): 10
Practical / Workshops (*hours/year in lecture theatre*): 10

Student's independent work

Students must work individually and in the context of a working group. The works of the students will be drawn up and presented through tables and multimedia representations to be processed during the year, with the help of teachers. The final work will be drawn up by the individual student. Best works will be the subject of a publication.

Testing and exams

Attendance is mandatory. The final evaluation will be depending on the processed products in the course of the academic year and learning content expressed during the lectures. It is necessary and imperative to support the final exam and have given a vote, submit a draft comprehensive survey of all the works required by the teacher.

Suggested reading materials

Manlio Brusatin, *Storia delle linee*, ed. Einaudi, Torino 1993.
Massimo Scolari, *Il disegno obliquo*, Marsilio, Venezia 2005
Vittorio Ugo, *Fondamenti della rappresentazione architettonica*, Progetto Leonardo, Bologna, 1997
Mario Docci, Diego Maestri, *Manuale di rilevamento architettonico e urbano*, Laterza, Bari 1994
Gaetano Ginex, *Disegno e de-costruzione*, Reggio Calabria 1998



Dipartimento di Architettura e Territorio – dArTe

Corso di Studio in Architettura quinquennale – Classe LM-4

Degree course:	Architettura LM-4
Course code:	SAR07
Lecturer:	Isidoro Pennisi
Course name:	Architectural Survey C
Disciplinary area: Base:	C
Disciplinary field of science:	ICAR/17
University credits – ECTS:	6
Teaching hours:	60
Course year:	3th
Semester:	2nd

Synthetic description and specific course objectives

Teaching and designed to train the student to an intellectual basis and useful technique for reading and knowledge through the survey drawing of the phenomena of the material culture to the different dimensional scales and significant: object, building, city.

Course entry requirements

No prerequisite.

Course programme

The course is conducted through the following steps concerning the learning of different levels and relief techniques: usage of notebook travel widespread knowledge of architecture; relief in sight for specific occasions related to the power of vision of a work of architecture; instrumental survey artifacts, methods and practices of the return of architectural significance, methods and practices of the representation of the relief; urban relief.

Expected results

The course is expected that the exams show in a widespread acquisition of theoretical knowledge and technical expressed during the course.

Course structure and teaching

Lectures (*hours/year in lecture theatre*): 60

Practical class (*hours/year in lecture theatre*): 0

Practical / Workshops (*hours/year in lecture theatre*):0

Student's independent work

The student will study the recommended books in the bibliography and process graphic materials required.

Testing and exams

No intermediate phase is planned.

Suggested reading materials

Bibliography

Roberto Maestro, *Disegno per l'analisi ed il progetto*, Società Editrice Esculapio, Bologna 1991.

Enry Focillon, *Vita delle forme*, Einaudi, Torino 1970.

Luigi Pareyson, *Estetica*, Bompiani, Milano 1980.

Paul Valery, *Eupalino*, Biblioteca delle Immagini, Pordenone 1986.

Aldo Rossi, *L'Architettura della Città*, Marsilio Editore, Padova 1966.