



Degree course	Architettura quinquennale – Classe LM-4
Course code	SAR16
Lecturer	Raffaella Campanella
Course name	Urban planning
Disciplinary area	Urban design and Land-use planning
Disciplinary field of science	ICAR/21
University credits - ECTS	6
Teaching hours	60
Course year	2°
Semester	2°

### Synthetic description and specific course objectives

The Urban planning studio 1 is articulated in two courses, “Urban planning” and “Urban and environmental representation”, and intends to provide the basic knowledge of the theories and techniques of planning, as well as the modes of representation for the interpretation and design of city and territory.

The Course of Urban planning, within the studio, intends to provide basic knowledge on the theories of modern and contemporary urban planning, on the techniques of planning and design tools of the discipline. The laboratory activities will be aimed at drawing up the interpretative framework of the urban-territorial context chosen as a case study, in order to represent and assess the dynamics of morphological and functional transformation processes that occur in the anthropic space.

The educational objective of the course is to make students able to interpret the relationships between the processes of transformation of the city and the territory and the theories and tools of planning regulations, as well as to know, monitor and be able to use the basic elements of technical planning necessary to read and evaluate the transformation dynamics of cities and regions.

### Course entry requirements

To attend the Course and support the examination students are recommended to have already taken the exam of Urban planning legislation (first year).

### Course programme

The Course is divided into 3 phases: the first, theoretical learning, will be organized with ex-cathedra lessons and individual study; the second, both of a theoretical and applied nature, will be organized through ex-cathedra lessons and ex-tempore activities in the classroom; the third, of applied nature, will be organized through on field research and workshops.

#### **Phase I - Fundamentals of modern urban planning**

In the first part of the course, of a theoretical nature, we will discuss the principles and the basic theories related to the processes of planning and major urban dynamics, up to examining the processes of

transformation that have affected the city in its most recent evolution.

In the lectures the following topics will be treated:

1. From urban design to urban planning
2. From the project of the form to the control of land use
3. The modern plan and the government of the urban sprawl
4. From the urban plan to the urban regeneration programs and projects.

### **Second phase - Tools and techniques for planning**

In the second phase, preparatory to the workshop activities, the main tools of the disciplinary corpus will be illustrated (standards, zoning, land indexes, urban and construction parameters; readings of plans and infrastructure analysis, the principle of equity vs social justice). In this phase the following topics will be treated:

1. Thematic and interpretive readings of territory and city
2. Tools and techniques for urban planning and design.

Students are expected to develop ex-tempore activities in the classroom to apply the theoretical knowledge acquired in the previous phase.

### **Third phase - Laboratory activities**

In the third part students will further apply their acquired knowledge through laboratory activities, aimed at the preparation of papers, related readings, representation, interpretation/evaluation of an urban context, common to the three studios (A, B, C).

The proposed readings will be:

- Settlement dynamics and structural elements of the context
- Framework of the morphological and functional layout
- Identification of the main design themes.

The applied method and the requested project papers will be illustrated during the laboratory.

The activities of the third phase of the Urban planning course will be integrated, in the studio, with the course of Urban and environmental representation.

The students must complete their enrollment through the mailing list of the course (using their personal page at the Unirc Students Web-site), no later than the second week of classes. The course attendance, according to the Academic Regulations of the Degree Course is mandatory and the students with less than 70% of course attendance will not be admitted to the final examination.

## **Expected results**

The expected results in terms of acquisition of knowledge by the student, are related to:

- main theoretical foundations of planning, techniques of analysis and interpretation of urban phenomena and modes of representation;
- theories and techniques of reading, interpretation and representation of the transformations of city and territory, in relation both to morphological and functional aspects.

## **Course structure and teaching**

Lectures (*hours/year in the classroom*): 30 hours/semester

Seminars (*hours/year in the classroom*): 10 hours/semester

Project workshop (*hours/year in the classroom*): 20 hours/semester

## **Student's independent work**

Autonomous activities of the student, for a total of 95 hours, are structured as follows:

- 60 hours of independent study to consolidate the theoretical knowledge relating to the first two stages

of the course;

- 35 hours of independent practical work oriented to conclude the project drawings produced during laboratory activities.

### Testing and exams

As regards the methods of mid-term and final evaluation, the activities of the course provide several steps and mandatory work in progress; these last will be scheduled during the courses and the modes will be communicated by the teacher (reports, tables, power point, etc.).

The final exam will include:

- a discussion on the theoretical topics covered during the lessons;
- the presentation and discussion of the documents produced in the course during the laboratory activities.

### Suggested reading materials

#### REFERENCES

Di Biagi Paola (a cura di), *I classici dell'urbanistica moderna*, Donzelli Editore, Roma, 2002.

Fera Giuseppe, *Urbanistica. Teorie e Storia*, Gangemi Editore, Roma, 2002.

Gabellini Patrizia, *Tecniche urbanistiche*, Carocci, Milano, 2001.

Gasparrini Carlo, *L'attualità dell'urbanistica: dal piano al progetto, dal progetto al piano*, Etaslibri, Milano, 1994.



Degree course	Architettura quinquennale – Classe LM-4
Course code	SAR16
Lecturer	Antonella Sarlo
Course name	Urban planning
Disciplinary area	Urban design and Land-use planning
Disciplinary field of science	ICAR/21
University credits - ECTS	6
Teaching hours	60
Course year	2°
Semester	2°

### Synthetic description and specific course objectives

The Urban planning studio 1 is articulated in two courses, “Urban planning” and “Urban and environmental representation”, and intends to provide the basic knowledge of the theories and techniques of planning, as well as the modes of representation for the interpretation and design of city and territory.

The Course of Urban planning, within the studio, intends to provide basic knowledge on the theories of modern and contemporary urban planning, on the techniques of planning and design tools of the discipline. The laboratory activities will be aimed at drawing up the interpretative framework of the urban-territorial context chosen as a case study, in order to represent and assess the dynamics of morphological and functional transformation processes that occur in the anthropic space.

The educational objective of the course is to make students able to interpret the relationships between the processes of transformation of the city and the territory and the theories and tools of planning regulations, as well as to know, monitor and be able to use the basic elements of technical planning necessary to read and evaluate the transformation dynamics of cities and regions.

### Course entry requirements

To attend the Course and support the examination students are recommended to have already taken the exam of Urban planning legislation (first year).

### Course programme

The Course is divided into 3 phases: the first, theoretical learning, will be organized with ex-cathedra lessons and individual study; the second, both of a theoretical and applied nature, will be organized through ex-cathedra lessons and ex-tempore activities in the classroom; the third, of applied nature, will be organized through on field research and workshops.

#### **Phase I - Fundamentals of modern urban planning**

In the first part of the course, of a theoretical nature, we will discuss the principles and the basic theories related to the processes of planning and major urban dynamics, up to examining the processes of

transformation that have affected the city in its most recent evolution.

In the lectures the following topics will be treated:

1. From urban design to urban planning
2. From the project of the form to the control of land use
3. The modern plan and the government of the urban sprawl
4. From the urban plan to the urban regeneration programs and projects.

### **Second phase - Tools and techniques for planning**

In the second phase, preparatory to the workshop activities, the main tools of the disciplinary corpus will be illustrated (standards, zoning, land indexes, urban and construction parameters; readings of plans and infrastructure analysis, the principle of equity vs social justice). In this phase the following topics will be treated:

1. Thematic and interpretive readings of territory and city
2. Tools and techniques for urban planning and design.

Students are expected to develop ex-tempore activities in the classroom to apply the theoretical knowledge acquired in the previous phase.

### **Third phase - Laboratory activities**

In the third part students will further apply their acquired knowledge through laboratory activities, aimed at the preparation of papers, related readings, representation, interpretation/evaluation of an urban context, common to the three studios (A, B, C).

The proposed readings will be:

- Settlement dynamics and structural elements of the context
- Framework of the morphological and functional layout
- Identification of the main design themes.

The applied method and the requested project papers will be illustrated during the laboratory.

The activities of the third phase of the Urban planning course will be integrated, in the studio, with the course of Urban and environmental representation.

The students must complete their enrollment through the mailing list of the course (using their personal page at the Unirc Students Web-site), no later than the second week of classes. The course attendance, according to the Academic Regulations of the Degree Course is mandatory and the students with less than 70% of course attendance will not be admitted to the final examination.

## **Expected results**

The expected results in terms of acquisition of knowledge by the student, are related to:

- main theoretical foundations of planning, techniques of analysis and interpretation of urban phenomena and modes of representation;
- theories and techniques of reading, interpretation and representation of the transformations of city and territory, in relation both to morphological and functional aspects.

## **Course structure and teaching**

Lectures (*hours/year in the classroom*): 30 hours/semester

Seminars (*hours/year in the classroom*): 10 hours/semester

Project workshop (*hours/year in the classroom*): 20 hours/semester

## **Student's independent work**

Autonomous activities of the student, for a total of 95 hours, are structured as follows:

- 60 hours of independent study to consolidate the theoretical knowledge relating to the first two stages

of the course;

- 35 hours of independent practical work oriented to conclude the project drawings produced during laboratory activities.

### Testing and exams

As regards the methods of mid-term and final evaluation, the activities of the course provide several steps and mandatory work in progress; these last will be scheduled during the courses and the modes will be communicated by the teacher (reports, tables, power point, etc.).

The final exam will include:

- a discussion on the theoretical topics covered during the lessons;
- the presentation and discussion of the documents produced in the course during the laboratory activities.

### Suggested reading materials

#### REFERENCES

Di Biagi Paola (a cura di), *I classici dell'urbanistica moderna*, Donzelli Editore, Roma, 2002.

Fera Giuseppe, *Urbanistica. Teorie e Storia*, Gangemi Editore, Roma, 2002.

Gabellini Patrizia, *Tecniche urbanistiche*, Carocci, Milano, 2001.

Gasparrini Carlo, *L'attualità dell'urbanistica: dal piano al progetto, dal progetto al piano*, Etaslibri, Milano, 1994.



Degree course	Architettura quinquennale – Classe LM-4
Course code	SAR16
Lecturer	Marina Arena
Course name	Urban planning
Disciplinary area	Urban design and Land-use planning
Disciplinary field of science	ICAR/21
University credits - ECTS	6
Teaching hours	60
Course year	2°
Semester	2°

### Synthetic description and specific course objectives

The Urban planning studio 1 is articulated in two courses, “Urban planning” and “Urban and environmental representation”, and intends to provide the basic knowledge of the theories and techniques of planning, as well as the modes of representation for the interpretation and design of city and territory.

The Course of Urban planning, within the studio, intends to provide basic knowledge on the theories of modern and contemporary urban planning, on the techniques of planning and design tools of the discipline. The laboratory activities will be aimed at drawing up the interpretative framework of the urban-territorial context chosen as a case study, in order to represent and assess the dynamics of morphological and functional transformation processes that occur in the anthropic space.

The educational objective of the course is to make students able to interpret the relationships between the processes of transformation of the city and the territory and the theories and tools of planning regulations, as well as to know, monitor and be able to use the basic elements of technical planning necessary to read and evaluate the transformation dynamics of cities and regions.

### Course entry requirements

To attend the Course and support the examination students are recommended to have already taken the exam of Urban planning legislation (first year).

### Course programme

The Course is divided into 3 phases: the first, theoretical learning, will be organized with ex-cathedra lessons and individual study; the second, both of a theoretical and applied nature, will be organized through ex-cathedra lessons and ex-tempore activities in the classroom; the third, of applied nature, will be organized through on field research and workshops.

#### **Phase I - Fundamentals of modern urban planning**

In the first part of the course, of a theoretical nature, we will discuss the principles and the basic theories related to the processes of planning and major urban dynamics, up to examining the processes of

transformation that have affected the city in its most recent evolution.

In the lectures the following topics will be treated:

1. From urban design to urban planning
2. From the project of the form to the control of land use
3. The modern plan and the government of the urban sprawl
4. From the urban plan to the urban regeneration programs and projects.

### **Second phase - Tools and techniques for planning**

In the second phase, preparatory to the workshop activities, the main tools of the disciplinary corpus will be illustrated (standards, zoning, land indexes, urban and construction parameters; readings of plans and infrastructure analysis, the principle of equity vs social justice). In this phase the following topics will be treated:

1. Thematic and interpretive readings of territory and city
2. Tools and techniques for urban planning and design.

Students are expected to develop ex-tempore activities in the classroom to apply the theoretical knowledge acquired in the previous phase.

### **Third phase - Laboratory activities**

In the third part students will further apply their acquired knowledge through laboratory activities, aimed at the preparation of papers, related readings, representation, interpretation/evaluation of an urban context, common to the three studios (A, B, C).

The proposed readings will be:

- Settlement dynamics and structural elements of the context
- Framework of the morphological and functional layout
- Identification of the main design themes.

The applied method and the requested project papers will be illustrated during the laboratory.

The activities of the third phase of the Urban planning course will be integrated, in the studio, with the course of Urban and environmental representation.

The students must complete their enrollment through the mailing list of the course (using their personal page at the Unirc Students Web-site), no later than the second week of classes. The course attendance, according to the Academic Regulations of the Degree Course is mandatory and the students with less than 70% of course attendance will not be admitted to the final examination.

## **Expected results**

The expected results in terms of acquisition of knowledge by the student, are related to:

- main theoretical foundations of planning, techniques of analysis and interpretation of urban phenomena and modes of representation;
- theories and techniques of reading, interpretation and representation of the transformations of city and territory, in relation both to morphological and functional aspects.

## **Course structure and teaching**

Lectures (*hours/year in the classroom*): 30 hours/semester

Seminars (*hours/year in the classroom*): 10 hours/semester

Project workshop (*hours/year in the classroom*): 20 hours/semester

## **Student's independent work**

Autonomous activities of the student, for a total of 95 hours, are structured as follows:

- 60 hours of independent study to consolidate the theoretical knowledge relating to the first two stages

of the course;

- 35 hours of independent practical work oriented to conclude the project drawings produced during laboratory activities.

### Testing and exams

As regards the methods of mid-term and final evaluation, the activities of the course provide several steps and mandatory work in progress; these last will be scheduled during the courses and the modes will be communicated by the teacher (reports, tables, power point, etc.).

The final exam will include:

- a discussion on the theoretical topics covered during the lessons;
- the presentation and discussion of the documents produced in the course during the laboratory activities.

### Suggested reading materials

#### REFERENCES

Di Biagi Paola (a cura di), *I classici dell'urbanistica moderna*, Donzelli Editore, Roma, 2002.

Fera Giuseppe, *Urbanistica. Teorie e Storia*, Gangemi Editore, Roma, 2002.

Gabellini Patrizia, *Tecniche urbanistiche*, Carocci, Milano, 2001.

Gasparrini Carlo, *L'attualità dell'urbanistica: dal piano al progetto, dal progetto al piano*, Etaslibri, Milano, 1994.