

SYLLABUS¹

Identification of teaching subject

Title: Urban planning workshop 3: schemes and implementation tools

Teaching unit: Fundamental

Number of Credits: 08 Coefficient : 06

Total number of hours per week : **06 hours**

Responsible for teaching subject

Group 1 :Sidi salah Zehour .MAA

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¹ This syllabus is a teaching contract to which a teacher commits himself/herself concerning the subject he/she teaches, and of which the learners take cognizance.

Description of teaching subject

Prerequisites :

1. Atelier d'urbanisme 2
2. Urban analysis
3. Urban planning theory
4. Computer-aided design
5. Creation of standardized maps, drawings and sketches
6. Statistical data processing
7. Mathematics
8. Urban demographics
9. Written and oral expression

General objective of the teaching subject :

In accordance with the provisions of the training program leading to the Bachelor's degree in urban planning, the first semester's course introduces students to the elaboration of an urban planning instrument (PDAU) and the methodology required to carry out a study for the revision of an urban planning instrument.

- Learn to read the regulatory texts governing urban planning instruments;
- Carry out diagnosis and data interpretation phases on a territory;
- Critical reading of current urban planning instruments;
- Drawing up development scenarios for a territory
- Quantify and program the needs of a population and a territory in terms of housing, equipment and the various spaces required;
- Have the skills to preserve the territory against risks;
- Knowledge of how to rationalize the use of land for urban planning operations;
- The drafting of specific urban planning regulations.

Teaching content

To enable students in the third year Licence to do the following:

- To teach the student the definition of an urban planning instrument and the role it plays in the territory of one or more municipalities.
- Develop students' observation, analysis and critical thinking skills;
- Develop techniques for dealing with technical and statistical data on a given territory;
- Learn to communicate through representation, communication and cartography;
- Develop the student's ability to draft written documents and reports in the form of minutes;
- Learn multiscalar territory analysis techniques;
- Learn to combine a multitude of sources on the physical, urban, socio-demographic, economic and landscape aspects of a territory, in the service of its future development.
- Learn how to draw up a diagnosis and identify a region's strengths, weaknesses, opportunities and threats;

Specific teaching objectives

- Understand the administrative and legal stages involved in drawing up a PDAU, in relation to the laws and decrees governing urban planning and related issues;
- Make exhaustive readings of an already developed urban planning instrument;
- Reinforce students' skills in the language of regulatory urban planning, in carefully reading the future of territories, and in understanding texts and laws;
- Acquire an understanding of how to process a database and how to plan communication and interviews with city stakeholders;
- Teach students to read about scale nesting
- Have the skills to draw up an urban plan, with the ability to propose urban development scenarios for a territory.
Acquire skills in drawing and synthesizing maps;
- Introduce students to quantitative and qualitative programming of population needs (housing, facilities, services, green spaces, activities, industries, environmental aspects).
- Teach students how to rationalize land use and protect farmland from urbanization, balancing the need to protect high-yield agricultural land;
- Be attentive to sensitive environments and sites with heritage, historical, natural and archaeological qualities.
- Know how to draw up urban planning regulations specific to the area studied;
- Learn how to read a territory prospectively.

Pedagogical support for teaching material

The lessons are based mainly on case studies of PDAUs under review or being studied in different contexts. This year, the communes of Sigus, Cheghoum Laid, Ain Mlila, Ben Badis and Eulma were chosen.

Based on initial readings of the regulatory texts governing the PDAU, the student will then take on the role of a member of a BET team, in the form of a simulation that takes its cue from the local context, and is commissioned by the local authorities to take charge of a PDAU revision, The student will have to analyze the commune's current or approved instrument, update the data, complete the information in relation to the space-time, make updates, start a territorial diagnosis and finally identify a specific problem in the area under study.

This diagnosis will help the student to draw up a SWOT table, to identify issues and objectives, an action strategy, with development scenarios, development variants with programming and identification of needs always in the light of the diagnosis drawn up to end up with a development option and proposals for urbanization sectors (SU, SAU, SUF and SNU) with regulations for each sector following short, medium and long term timetables.

The student will have to draw up an overall development plan, or spatialize at a scale appropriate to the PDAU the location of major facilities, the layout of the infrastructures concerned, proposed easements, land protection or areas likely to constitute risks for the future of the commune.

EVALUATION METHOD:

Assessment consists of a continuous test of knowledge, with reports and summaries of each mini-phase.

Type of knowledge test	Weighting in	Eliminatory mark .../20
Review	0.00	/20
Continuous	100%	
Total	100%	

Rendering phase (14 weeks)

- Report on the regulatory reading phase
- PDAU reading in progress

- Diagnosis
- Plans and maps
- Settlement report
- Poster

Session 1: Introduction to the subject: urban planning workshop

- Guidance on the content of the semester and the sequence of the various phases in relation to this subject
- Pedagogical objectives
- How the PDAU case studies were developed
- Explanation of evaluation methods

Session 02: presentation of urban planning instruments as case studies :

- 1- PDAU, municipality of Sigus, wilaya of Oum El Bouaghi
- 2- PDAU, commune of Cheghoum Laid, wilaya of Mila
- 3- PDAU, commune of Eulma, wilaya of Setif
- 4- PDAU, commune of Ben BADIS, wilaya of Constantine
- 5- PDAU, Ain Mlila commune, wilaya of Oum El Bouaghi

These communes were chosen because of their proximity to Constantine, the availability of information and the contacts already made with local elected officials.

Slideshow course

- On the definitions of the various concepts relating to the PDAU :
- What are the objectives of a PDAU, why do we launch urban planning studies, what is the relationship between the PDAU and aspects linked to: agricultural land, prevention of natural and technological risks, identification of the population's needs, choice of location for various facilities and infrastructures?
- Reading of regulatory texts: law 90/29 modified and completed on development and urban planning, executive decree 91/177 modified and completed relating to the elaboration of the PDAU;
- Presentation of the steps involved in launching, adopting, approving and revising a PDAU.

Session 03/04: launch of PDAU readings ;

These sessions are devoted to reading the documents, maps, plans and guidance and regulation reports of the two town planning instruments of the communes concerned, to see the content of the documents, the nature of the information compiled, the content of the maps drawn up as well as the two written reports. This reading is aimed at two aspects, to get an idea of how

to present the document and a reading of the content of the documents (graphics and written), which will be spread over two sessions.

Session 05/ :

- Start reading the PDAU documents presented by each commune
- A comprehensive overview of the different aspects of a PDAU study: physical, socio-demographic, economic, landscape and urban, infrastructure, VRD and mobility.

Session 06: further reading of the documents presented in the PDAU and, at the same time, collection of a database.

- **Session 07:** outing to the two communes, with an initial meeting with local elected officials to find out about urban development in the communes, with a presentation of the PDAU document by the commune's technical services, site visits for an initial immersion, interviews and contacts with the town's players.

Session 08: launch of the data update phase, gathering information on all data and statistics concerning the commune, population, current projects, surveys of new extensions and seeing first-hand the transformations that have affected the different urbanization sectors of the PDAU..,

Analyse and update comparisons between the current PDAU and reality on the ground, and identify any discrepancies.

Session 09: elaboration of the diagnostic phase, analysis of collected data, processing of all aspects of the data banks. This is a phase of breaking down the elements that make up the territory, based on the principle of content and container analysis, with each aspect taken as a system in its own right, so that in the end a horizontal reading can be made.

The territory functions as a system, and each element of the system can influence the functioning of the system as a whole, so we have adopted an approach of decomposition and recomposition.

Session 10/11: identify the issues facing the area concerned, and draw up a table summarizing the area's strengths, weaknesses, opportunities and threats.

With the choice of development options after selection and analysis, what rate of population growth has been adopted? What type of development is recommended? Is the available land portfolio capable of accommodating the shortfall and future expansions? Has agricultural land

been preserved from encroachment? What are the commune's needs and shortfalls? a series of questions that will emerge from this diagnosis.

Session 10/11: phase of programming and calculating surfaces and spatialization and formalization of new extensions and treatment of types of actions on urbanization sectors: SU, SAU, and SUF and SNU, the new horizon of the territory on a schedule: CT , MT and LT , type of equipment proposed, types of actions recommended for SU.

Session 12/13: continuation of the spatialization and programming phase, and editing of the final document with a proposal for urban planning regulations.

Evaluation methods

Type of control	Weighting in
Review	/
Micro - interrogation	/
Tutorial	/
Practical work	/
Personal project	/
Group work	/
Field trips	/
Attendance (Presence / Absence)	/
Other (please specify) Continuous	100/
Total	100%

References & Bibliography

1. Site and sitology, authors: Paul Faye Bernard Faye, Michel Tourainre, architects; Alain Godard, year 1974
2. L'urbanisme en Algérie ,échec des instruments ou instruments de l'echec edited by Rachid Sidi Boumedienne , 2013

3. Recueil thématique des lois et règlements d'urbanisme edited by Tewfik Guerroudj, 2017
4. Course on urban planning instruments by Wali Abdelhafid, former DUAC of Tlemcen and Sétif, 2015
5. Guide to PDAU and POS, MHUV ? Tewfik Guerroudj , 1993
6. JORADP.ORG.DZ
7. Code de l'Urbanisme, Recueil de textes législatifs et réglementaires, Berti-Editions, Algiers, 2008.
8. ^eLaw 90-29 of December 1, 1990 on urban planning and development, amended and supplemented by law n°04-05 of August 14, 2004.
9. Executive decree no. 91-175 of May 28, 1991 defining general rules for development, town planning and construction.
10. Executive Decree no. 91-176 of May 28, 1991, setting out the procedures for processing and issuing planning certificates, subdivision permits, building permits, certificates of conformity and demolition permits.
11. Executive decree no. 91-177 of May 28, 1991, setting out the procedures for drawing up and approving master development and urban planning plans and the content of related documents, as amended and supplemented by executive decree no. 05-317 of September 10, 2005.
12. Executive decree no. 91-178 of May 28, 1991 setting out the procedures for drawing up and approving land-use plans and the content of related documents, amended and supplemented by executive decree no. 05-318 of September 10, 2005.
13. Revision study of the PDAUs of the various municipalities studied.
14. NELS Anderson, Urbanism and Urbanization. American Journal of Sociology. [Vol. 65, No. 1](#), pp. 68-73
15. DALLAS Rogers, Understanding Urbanism. Chapter. University of Sidney. July 2020

Week	Session title	Date
01	Contact us	26/09/2023
02	Presentation of commune PDAUs	01/10/2023
03	Legal reading	08/10/2023

04	Reading phase of the relevant PDAU	15/10/2023
05	Site visit and contact with local elected officials	22/10/2023
06	Finalizing the reading phase	29/10/2023
07	Diagnosis and data collection phase	05/11/2023
08	Continuation of the diagnostic phase	12/11/2023
09	Elaboration of the PDAU problematic and synthesis of the diagnostic phase	19/11/2023
10	Phase I display	26/11/2023
11	Identification of needs and scenarization of development options	03/12/2023
12	Programming phase and spatialization of the choices made in the SU, SAU, SUF and SNU urbanization sectors.	10/12/2023
13	Affichage phase II Continuation of spatialization phase and layout plan	19/12/2023
14	Preparation of urban planning regulations and consultation of documents and maps from the exhibition phase	07/01/2024
15	Phase III display	14/01/2024

We, the students of the 3^{ère} year L3, urban planning course, certify that we have consulted the syllabus for the subject "**urban planning workshop: implementation plans and tools (PDAU)**", fundamental teaching unit, and that we have been informed of the assessment procedures.

N°	Name	First names	Groupe
01			
02			
03			
04			
05			
06			
07			