

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA

MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

HARMONISATION

MASTER TRAINING OFFER

Establishment	Faculty / Institute	Department
Hassiba Benbouali university -Chlef	Faculty of Civil Engineering and Architecture	Architecture

Field: Architecture, Urban Planning and City Professions

Stream: Urban Techniques Management

Speciality: CITY MANAGEMENT

Academic year : 2020/2021

الجمهورية الجزائرية الديمقراطية الشعبية

وزارة التعليم العالي والبحث العلمي

مواصفة

عرض تكوين ماستر

أكاديمي / مهني

المؤسسة	الكلية / المعهد	القسم
جامعة حسيبة بن بوعلي الشلف	كلية الهندسة المدنية والمعمارية	الهندسة المعمارية

الميدان : هندسة معمارية، ترميم ومهن المدينة

الشعبة: تسيير التقنيات الحضرية

التخصص : تسيير المدن

السنة الجامعية: 2020-2021

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Establishment: Hassiba Benbouali university of Chlef Master title: City management
Academic year : 2020/2021

I – Master's identity sheet
(All fields must be completed)

1 - Training Location :

- HASSIBA BENBOUALI UNIVERSITY CHLEF
- FACULTY OF CIVIL ENGINEERING & ARCHITECTURE
- Departement : Architecture

2- Training partners *:

- Other universities :
- Other universities :
 - Institut UTM , university of Constantine 3.
 - UTM department, university of Biskra.
 - Institut UTM, university of Oum el-bouaghi.

*** = Submit the
agreements attached to the course**

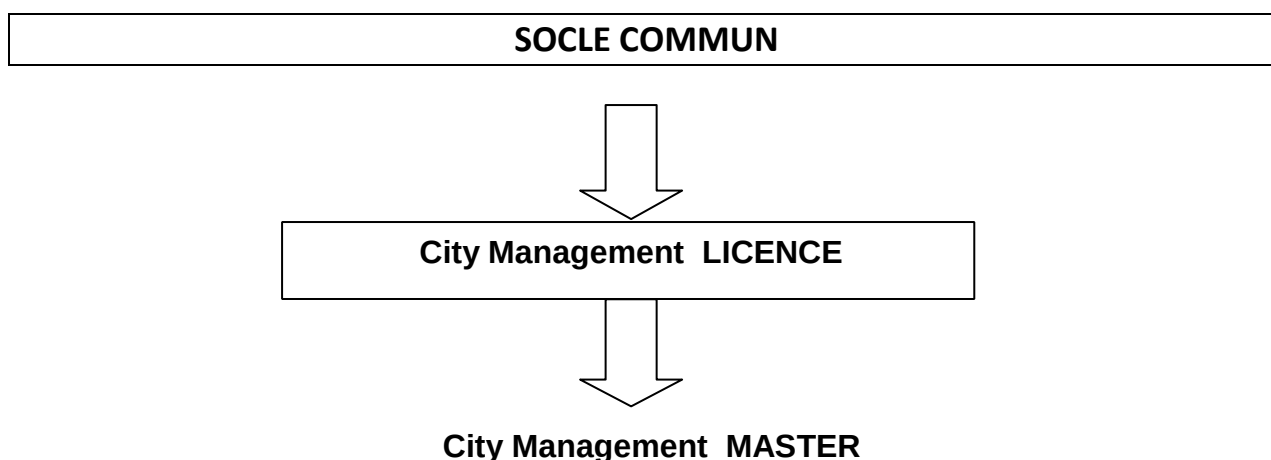
- companies and other socio-economic partners :
- algerian space agency asal
- wilaya directorates (dpat, dep, dl, duc, cnl)
- national water resources agency
- forest conservation
- Directorate of Health and Population (DHP)
- office national d'assainissement (ona)
- local people's assemblies (LPA)

- International partners :

* = Submit agreements as an appendix to the training course

3 – Context and objectives of the training

A – Admission requirements (indicate the bachelor's degree specialities that may give access to the Master's programme)



B - Training objectives (skills targeted, educational knowledge acquired at the end of the course - maximum 20 lines)

The course aims to prepare a ‘professional’ with the skills, abilities and aptitudes to participate fully in urban and regional development operations.

The aim is also to prepare a ‘catalyst’ capable of incorporating the culture of sustainable development into the practice and management of urban ‘services’.

By the end of the course, students will be able to take part in drawing up territorial diagnoses relating to ‘urban management’ and play a full part in developing projects within multidisciplinary teams.

The skills targeted by this course are of two types:

- Cross-disciplinary skills, particularly basic knowledge, communication skills and initiative.

- Specific skills, relating to the tasks required by the profession, methodological and technical knowledge, organisational and management knowledge and ‘forward-looking’ skills.

L’apprenant sera également formé pour pouvoir mener des travaux de recherche en entreprise ou universitaire dans la cadre de la formation doctorale.

- **B - Profiles and skills required for the profession** (in terms of professional integration - maximum 20 lines) :

- With regard to the profile and skills targeted, reference should be made to the national reference system for occupations and to the legislative texts governing the profession of architect.

- The Nomenclature Algérienne des Métiers et Emplois (NAME) (Algerian Nomenclature of Trades and Occupations) is an exhaustive basis for orienting the objectives of training offers in terms of profiles and skills. In this database, the ‘Maintenance, Installation and Cleaning’ field and the ‘Urban Property’ and ‘Environment’ subfield define a series of occupations (as head of department) in local authorities or at the head of municipal companies.

- On another note, Executive Decree No. 11-334 of 22 Chaoual 1432 (corresponding to 20 September 2011) on the special status of civil servants in local authority administration, Title XII, provisions applicable to the Urban Technical Management stream, the tasks devolved to UTM graduates are set out in Articles 223 and 235.

- The training provided is designed to prepare a manager with the skills required to take on the missions and tasks of the UTM.

- This learner is trained to

- helping to define and implement strategic urban planning guidelines;
- participating in the preparation of technical studies and development plans;
- participating in the preparation of various town planning instruments and acts. ù6
- ensuring the general operation of the technical services, and carrying out studies and applied

research;

- assisting and advising the hierarchical authority in the design of works or projects in housing, town planning, infrastructure and public facilities

D- Regional and national employability potential of graduates

Training in urban management is designed to prepare future managers whose skills must be professional and versatile in terms of listening and taking initiatives in the field of urban service functions.

In this sense, the training is essentially geared towards local authorities and communal services, and must remain close to the day-to-day activities of conurbations.

Geographically, therefore, the 1541 municipalities and their services are the priority settings in which graduates can practise their profession.

There are also other ways of working as ‘consultants’ in a private capacity.

Research is also open to graduates through doctoral courses.

E - Gateways to other specialities

Gateways to other specialisations have not yet been established. However, it may be noted that in the same field, subjects in the methodological and cross-disciplinary units may give rise to the capitalisation of credits and their transferability.

E - Indicators for monitoring training

Indicators for monitoring training can be defined on the basis of the areas initiated by the Quality Assurance Implementation Commission in the establishments.

At local level, the reports of the local committees and councils are called upon to contribute to the evaluation:

- Teaching Committees
- Scientific councils (Department, Faculty)

Visibility of teaching output ;

- Final year dissertations and projects. - Internship reports - Portfolios.
- Continuous assessment

Traceability of graduates - Follow-up on employability

- Outlets in other fields (research, etc.).

E - Supervisory capacity: 60 students

II – Semester timetable for courses

• Semester 1 :

Teaching Unit	VHS	V.H weekly							Coeff	Credits	Assessment method	
	14-16 weeks	C	TD	TP	others			total			Continuous	Examination
					Work shop	seminar	internship					
Fundamental TU									10	18		
subject 1 : Atelier1 : City projects: Diagnostics	90	/	/	/	6			6	4	9	100%	/
subject 2 : Strategic planing	45	1h30	1h30	/	/			3	3	5	50%	50%
subject 3 : Management of urban resources1	45	1h30	1h30	/	/			3	3	4	50%	50%
Methodology TU									7	9	/	/
subject 1 : City policy	45	1h30	1h30	/	/			3	3	4	50%	50%
subject 2 : Applied geomatics 1	45	/	/	3h00	/			3	3	3	60%	40%
subject 3 : Introduction to research 1	22H30	1h30	/	/	/			1h30	1	2	50%	50%
Discovery TU									2	2	/	/
subject 1 : Seminar	22H30	/	/	/	/	1h30		1h30	1	1	100%	/
subject 2 : Environnemental management	45	1h30	1h30	/	/			3	1	1	50%	50%
Transversal TU									1	1	/	/
subject 1 : Language1 : general terminology	22H30	1h30	/	/	/			1h30	1	1	30%	70%
Total Semester 1 (Volume of hours per week 25h30)	382H30	12	6	1h30	6	1h30	0	25h30	20	30	/	/

Establishment: Hassiba Benbouali university of Chlef

Master title: City management

Academic year : 2020/2021

Semester 2:

Teaching Unit	VHS	V.H hebdomadaire							Co eff	Cre dits	Assessment method	
	14-16 weeks	C	TD	TP	Others			total			Continuous	Examination
					workshop	seminar	internship					
Fundamental TU									10	18		
subject1 : workshop 2 : City projects 2 : action plans	90	/	/	/	6			6	4	9	100%	/
subject 2 : Management of urban resources2	45	1h30	1h30	/	/			3	3	5	50%	50%
subject 3 : urban dynamics	45	1h30	1h30	/	/			3	3	4	50%	50%
Methodology TU									7	9		
subject 1 : Public services management	45	1h30	1h30	/	/			3	3	4	50%	50%
subject 2 : Applied geomatics 2	45	/	/	3h00	/			3	3	3	60%	40%
subject 3 : Introduction to research 2	22H30	1h30	/	/	/			1h30	1	2	50%	50%
Dicovery TU									2	2		
subject 1 : Internship and / or outings	22H30	/	/	/	/		1h30	1h30	1	1	100%	/
subject 2 : Projects management	45	1h30	1h30	/	/			3	1	1	50%	50%
Transversal TU									1	1		/
subject 1 : Language 2 : Expression and communication techniques	22H30	1h30	/	/	/			1h30	1	1	30%	70%
Total Semester 2 (Volume of hours per week 25h30)	382H30	12	6	3h00	6		01h30	25h30	20	30	/	/

• Semester 3 :

Teaching Unit	VHS	V.H weekly							Coeff	Cre dits	Assessment method	
	14-16 weeks.	C	TD	TP	Others			total			Conti nuous	Exami nation
					workshop	se mi nar	internship					
Fundamental TU									10	18		
Subject 1 : workshop 3	90	/	/	/	6			6	4	9	100%	/
Subject 2 : Thematic support 1	45	1h30	1h30	/	/			3	3	5	50%	50%
Subject 3 Thematic support 2	45	1h30	1h30	/	/			3	3	4	50%	50%
Methodology TU									7	9		
Subject 1 : Cities et NICT	45	1h30	1h30	/	/			3	3	3	50%	50%
Subject 2 : Urban risks Management	45	1h30	1h30	/	/			3	2	3	50%	50%
Subject 3 : Urban engineering	45	1h30	1h30	/	/			3	2	3	50%	50%
Dicovery TU Transversal TU									3	3		
Subject 2 : Mobility and transports	22H30	1h30	/	/	/			1h30	1	2	30%	70%
Subject 3 : Urban Ergonomic	22H30	1h30	/	/	/			1h30	1	1	30%	70%
Total Semester 2 (Volume of hours per week 25h30)	360	10h30	7h30	/	6	/	01h30	25h30	20	30	/	/

• **Semester 4 :**

Teaching Unit	VHS	V.H weekly				Total	Coeff	Credits	Assessment method	
	14-16 weeks.	C	TD	TP	workshop				Continuous	Examination
Fundamental TU							15	30		
Subject 1 : End-of-studies thesis (E.S.T)	22H30	/	/	/	1h30	1h30	10	25	/	100%
Subject 2 : End-of-studies project (E.S.P)	22H30	/	/	/	1H30	1H30	5	05	/	100%
Total Semester 4	45H	/	/	/	3H	03H	15	30	/	/

In-company work placement, culminating in a dissertation and oral presentation.

	VHS	Coeff	Credits
Personnel Work			
Stage en entreprise			
Seminars			
Others (specify)			
Total Semester 4			

5 – Overall Training Summary:

(Indicate the total number of hours, separated into lectures and tutorials, for the four teaching semesters, and for the different types of Teaching Units – TUs)

Designation	FTU	MTU	DTU	TTU	Total (Hourly volume)
Course	135	157.3	45	67.3	405
TD	135	112.3	45	0	292.3
TP	0	90	0	0	90
Others (Workshop+internship+Seminar)	270	0	90	0	360
personal work	100	40	20	20	180
Other (preparation thesis and final project)	45	0	0	0	45
Total (Hourly volume)	685	400	200	187.3	1372h30
Credits	84	27	5	4	120
% in credits for each TU	70	22.50	4.16	3.34	100

III - Detailed programme by subject (1 detailed sheet per subject)

Subject 1

Course Identification

Semester: S1

Teaching Unit (TU): Fondamental FTU 1

Course Title: Workshop1 city projects1 :Diagnostics and challenges

Credits: 9

Coefficient: 4

General Course Objectives

- Introduction to the tools and methods of analysis;
- Introduction to drawing up an urban and territorial diagnosis

Learning objectives:

- Deepening of knowledge of the relationship between the city and the territory;
- Assimilation of the dimensions of sustainable development;
- Elaboration of grids for analysis, evaluation and measurement of the city project - Ability to identify issues on the basis of analysis and evaluation grids.
- Translated with DeepL.com (free version) related to environmental governance.
- Awareness of the necessity to integrate urban sustainability in spatial planning practices.

Recommended Prerequisites

Basic knowledge of planning, town planning, urban management and urban projects.

Course Content

I.Introduction to diagnosis:

- Elements for understanding urban and territorial diagnosis;
- Conditions for carrying out diagnosis;
- Methodology for diagnosis of the city project;
- **Stages of diagnosis;**

II. Field approach

- Spatial framing and definition of the study perimeter;
- Spatial analysis based on data (social, economic, environmental);
- Methods for developing evaluation and measurement grids for the project;
- Summary and initial conclusions;

III. Development of development scenarios:

- Identification of the local players: political, technical and managerial;
- Definition of the issues in the city and its territory;

- Identification of the issues and choice of strategy.

Assessment method: Continuous assessment,

Type of Assessment	Weight (%)
Final Examination	–
Continuous Assessment	100%
Total	100%

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- Dumont, Gérard-François. Diagnostic et gouvernance des territoires: concepts, méthode, application. Armand Colin, 2012.
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- Landel, Pierre-Antoine, et al. "Le diagnostic stratégique de territoire." (2007).
- Provost, Alexandre. Repères méthodologiques pour la réalisation de diagnostics territoriaux au Québec. Diss. Université de Sherbrooke., 2011.

Identification of teaching subject**Semester : S1****TU Title : Fundamental Unit FTU****Subject Title : Strategic Planning Crédits : 5****Coefficients :3****General Objective of the Course:**

- Introduction to urban planning
- Understanding the strategic issues of planning

Learning Objectives:

- In-depth knowledge and mastery of spatial transformation processes
- Awareness of environmental balances in territorial interventions
- Introduction to planning tools

Recommended Prerequisite Knowledge:

Urban planning, urbanism, operational urban planning (basic knowledge of sustainable development and sustainable urban development)

Course Content**Chapter I: From Traditional Planning to Strategic Planning**

- Urban planning: Purpose, scope, and practices
- Strategic planning and project-based urbanism: From master plan urbanism to project-oriented urbanism; the strategic thinking approach
- The content of strategic urban planning

Chapter II: The Challenges of Strategic Planning (Objectives, Processes, and New Tools)

- The process of developing strategic planning
- Urban policy and territorial issues
- Strategic planning and management of the city
- Urban planning and sustainable development challenges: Towards integrated sustainable planning
- Strategic planning and participatory approaches
- The renewal of strategic planning tools

Chapter III: Strategic Planning Models Around the World

- The French model: Localized, targeted approach
- The Anglo-Saxon model: Holistic, ecosystem-based approach
- Case studies and feedback (Green City – ...)

Chapter IV: Towards Strategic Planning in Algeria

- Failures of traditional urban planning in Algeria
- Strategic planning in Algeria: Issues and new tools

Assessment method: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

References & Bibliography:

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- Derycke, P H., Huriot, J M., Pumain, D., « *Penser la ville : Théories et modèles* », collection villes, Anthropospress, 1996.
- Lacaze JP, *Introduction à la planification urbaine - Imprécis d'urbanisme à la française*, Ed. Presses des Ponts et Chaussées, Paris, 1995
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Identifying the teaching subject

Title of the Master's Program: City Management
Semester: S1
Title of the Teaching Unit (TU): Fundamental Unit FTU3
Course Title: Urban Resource Management 1
Credits: 4
Coefficient: 3

General Objective of the Course:

- Introduction to identifying urban resources in the city
- Awareness of urban resource exploitation
- Deepening knowledge related to the complexity of resources and their uses in urban development

Learning Objectives:

- Conceptualization and methods of exploiting urban resources
- Understanding and leveraging the various challenges related to urban resources

Recommended Prerequisite Knowledge:

Urbanism – Basic concepts in urban management, urban projects, and urban economics

Course Content:

Introduction

Urban resources: Elements of understanding — types of resources, classification criteria.
 Socio-economic studies (urban economic activities and services).
 Economic geography and financial spaces of cities.

Resource Management:

- Land management
- Environmental management
- Management of urban services
- Human resources management
- Management of intangible heritage

Public Action and Modes of Urban Resource Management:

- Direct management
- Indirect management (leasing, delegation, public-private concessions)
- Economic and fiscal incentive instruments in urban areas
- Issues and strategies for urban resource production

Assessment Method: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

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BLAIS, Pierre et Mathieu LANGLOIS (2004). La réduction des émissions de gaz à effet de serre et l'aménagement du territoire, guide de bonnes pratiques, ministère des Affaires municipales, du Sport et du Loisir, 70 p. [www.mamrot.gouv.qc.ca/amenagement-du-territoire/documentation/] (Consulté le 18 octobre 2011).

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Identification of the Course:

Semester: S1

Title of the Teaching Unit (TU): Methodological Unit MTU

Course Title: City Policy

Credits: 4
Coefficient: 3

General Objective of the Course:

- Introduction to urban issues and the urban problematics
 - Awareness of the coherence and balance of the urban system
-

Learning Objectives:

- Mastering the tools for implementing urban policy
 - Acquiring knowledge and skills on urban quality
-

Recommended Prerequisite Knowledge:

Urbanism – Operational urbanism – Sustainable urban development

Course Content:

Concepts of Cities

- The city as a system
- The city as a producer of the urban environment
- The city and the Algerian territory

1. Urban Phenomenon in Algeria
2. Malfunctions of the Algerian City
3. New Context of the Algerian City
4. Legal Framework

Urban Policy in Algeria

- Objectives of urban policy in Algeria
- Implementation of urban policy
- General principles of urban policy
- Stakeholders in urban policy

Governance, Issues, and Implementation

1. Conceptual analysis of governance
2. Urban governance
3. Objectives and principles of governance

4. Approaches to urban governance
5. Issues of governance
6. Implementation of urban governance

Responsible Governance

- Participatory democracy

Introduction

1. Existing forms of representative democracy
2. Transition from representative democracy to participatory democracy

Proximity Urban Management

1. Proximity urban management in urban policy, the city contract
2. Conditions for the emergence of projects
3. Issues, objectives, and stakeholders in proximity urban management
4. Fields of action
5. Intervention methodology

Examples of Tools for Implementing Urban Policy

- Inter-municipal management
- Public/private partnerships as a new form of governance

Assessment Method: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

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- -Badie B., *La fin des territoires*, Paris, Fayard 1995
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- -Dossier - Politique de la ville en France métropolitaine : une nouvelle géographie, France, portrait social - édition 2014
- Observatoire régional de l'intégration et de la ville La politique de la ville en France : fondements, évolution et enjeux. Dossier ressources- novembre2012. En ligne www.oriv-alsace.org

Semester: S1

Title of the Teaching Unit (UE): Discovery Unit UTD2

Course Title: Applied Geomatics 1

Credits: 3

Coefficient: 3

General Objective of the Course:

- Introduction to Geographic Information System (GIS) tools
- Gaining autonomy in the use of decision-support tools

Learning Objectives:

- Mastery of geographic information tools
- Development of data interpretation skills and scenario creation

Recommended Prerequisite Knowledge:

Students should be familiar with basic concepts in cartography and computer-aided design (CAD).

Course Content:

Introduction to Geographic Information Systems (GIS)

- Geographic information and basic data
- Components of a GIS
- Fields of application and relevance of GIS

Reference and Location Systems

- Types of geographic coordinates
- Projection systems

Presentation of GIS Software Tools

- Structure and getting started with the software
- Data structure
- Layer control
- Data manipulation

Database Creation

- Basic database creation

- Joins and relationships using Excel files
- Queries

Statistical and Thematic Analyses

- Modes of cartographic representation
- Importing and exporting data

Page Layout

- Print configuration

Examples of GIS Applications

- Application of GIS in urban and territorial issues

Assessment Method: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	40%
Continuous Assessment	60%
Total	100%

References & Bibliography:

Pornon H., 2011. - La dimension géographique des Systèmes d'Information. Dunod, 296 p.
 Calloz R. et Collet C., 2011. - L'analyse spatiale de l'information

géographique. PPUR, 383 p.

Sutton T., Dassau O. et Sutton M., 2009. - A gentle introduction to GIS.

http://download.osgeo.org/qgis/doc/manual/qgis-1.0.0_a-gentle-gis-introduction_en.pdf

Semester: S1

Title of the Teaching Unit (TU): Methodological Unit MTU

Course Title: Introduction to Research 1

Credits: 2

Coefficient: 1

General Objective of the Course:

- Introduction to research
- Introduction to and acquisition of research techniques

Learning Objectives:

- Acquisition of primary exploration techniques (e.g., observation)
- Development of conceptualization skills

Recommended Prerequisite Knowledge:

Good writing skills, analytical and synthesis abilities

Course Content:

SCIENTIFIC RESEARCH

- Sources and methods of acquiring knowledge
- What is scientific research?
- Functions of research
- Types of research

PRELIMINARY CONCEPTS

- Concept of approach
- Concept of method
- Concept of technique
- Concept of survey

THE SEVEN STEPS OF THE RESEARCH PROCESS

1. The initial question (IQ)
2. Exploration
3. Problem statement
4. Construction of the analytical model
5. Observation (fieldwork)
6. Information analysis

Assessment Method: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%

Continuous Assessment	50%
Total	100%

References & Bibliography

- AREZKI, D., 2008., *Méthodologie de la Recherche graduée et post-graduée*, éd. L'Odyssée, Tizi-Ouzou,
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- FRAGNIERE, J.P., 1986, *Comment réussir un mémoire, comment présenter une thèse, comment rédiger un rapport*, Bordas, Paris.
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- JAVEAU, C., 1978, *L'enquête par questionnaire : manuel des praticiens* », Ed de l'université de Bruxelles.
- KALIKA M., 2011, *Le mémoire de master mobiliser Internet pour réussir à l'université et en grande école*, Dunod 3^{ème} édition Paris .
- KAUFMANN, J.C. , 2011, *L'enquête et ses méthodes : L'entretien compréhensif* », éd. Armand Colin.
- N'DA P., 2007, *Méthodologie et guide pratique du mémoire de recherche et de la thèse de doctorat*, l'Harmattan, Paris.
- NOUIRI A., 2008, *Réussir mon mémoire et ma thèse guide méthodologique Les réponses à 110 questions* , 2^{ème} édition, Alger.
- VAN CAMPENHOUDT L., QUIVY R., 2011, *Manuel de recherche en sciences sociales*, Dunod, 4e édition Paris.

Semester: S1

Title of the Teaching Unit (UE): Discovery Unit – UTD1

Course Title: Seminar

Credits: 1

Coefficient: 1

General Objective of the Course:

- Deepen knowledge related to the field
- Raise awareness of current urban issues

Learning Objectives:

- Learn communication methods
- Develop expression techniques

Recommended Prerequisite Knowledge:

Knowledge acquired in the various subjects that make up the core and methodological units.

Course Content:

This is a seminar where debates take place around the experiences and testimonies of professionals, experts, and practitioners in the field.

The main themes will include:

- Experiences of urban stakeholders in terms of management
- Experiences in project management, contracting authority, and user involvement
- Innovations in urban management
- Practical methods and forms of user engagement

Assessment Method: Continuous assessment

Type of Assessment	Weight (%)
Final Examination	00%
Continuous Assessment	100%
Total	100%

References & Bibliography

To be defined by each speaker

Course Identification**Semester: S1****Teaching Unit (TU): Methodological Unit UTM2****Course Title: Environmental Management****Credits: 1****Coefficient: 1****General Course Objectives**

- Introduction to multidisciplinary knowledge and principles in environmental management.
- Mastery of observational methods for physical, sociological, and economic parameters related to environmental governance.
- Awareness of the necessity to integrate urban sustainability in spatial planning practices.

Learning Outcomes

- Develop awareness of major environmental challenges.
- Understand how to integrate sustainable development dimensions into urban development projects.

Recommended Prerequisites

- General knowledge in urban planning and environmental studies.

Course Content**I. Environmental Management: Theoretical Approach**

- A. History of Environmental Thought
- B. Key Environmental Debates

II. Environmental Management: Legal and Policy Frameworks

- A. Environmental Law and Local Authority Regulations
- B. Governance Structures and Management of Protected Natural Areas

III. Environmental Transformations

- C. Degraded Environments: Social and Economic Aspects
- A. Degraded Environments: Physical and Regulatory Aspects
- B. Applied Case Studies

IV. Resource Management and Preservation

- A. Natural Resource Management
- B. Industrial and Territorial Ecology
- C. Emerging Strategies in Environmental Governance

V. Environmental Rehabilitation

- D. Contemporary Challenges in Land-Use Planning
- E. Soil Remediation
- F. Renewable Energy Integration

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

References & Bibliography

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- ENVIRONNEMENT ET DEVELOPPEMENT DURABLE Cours H. B. BRAHIM 62
- Pollution Prevention and Control: Part I Human Health and Environmental Quality Linfield C. Brown , Paul Mac Berthouex

Les scénarios de la durabilité Gabriel Salerno , Prof. Dominique Bourg

Méthodes multicritères ELECTRE: description, conseils pratiques et cas d'application a la gestion environnementale

Ecologisation : objet et concept intermédiaire, FMélard - 2008 - books.google.com

Course Identification

Semester: S1

Title of the Teaching Unit (UE): Cross-disciplinary Unit – UET

Course Title: Language 1

Credits: 1

Coefficient: 1

General Educational Objective of the Course:

- To achieve a higher level of language proficiency for better access to specialized information.

Learning Objectives:

- Development of written and oral expression skills

Recommended Prerequisite Knowledge:

- Basic knowledge of the French language

Course Content:

- Text structure
- Importance of structure
- Style and characteristics
- Writing process
- Stages of the writing process
- Transitional markers in informational texts
- Syntax
- Descriptive text
- Informational text
- Explanatory text
- Explanatory devices
- Argumentation
- Structure of an argumentative discussion

- Injunctive and prescriptive texts
- Narrative text
- Figures of speech:
 - Repetition
 - Analogy
 - Exaggeration
 - Understatement
 - Opposition
 - Substitution

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

References & Bibliography

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- Vandendorpe, Christian. "Au-delà de la phrase: la grammaire du texte." 1995.

Course Identification

Semester: S2

Course Title 1: Workshop 2: Urban Projects – Action Plans

Credits: 9

Coefficient: 4

General Educational Objective of the Course:

- Understanding the process of project development
- Designing an action plan for the implementation of an urban project
- Raising awareness of project management

Learning Objectives:

- Acquiring methods for developing an urban project
- Designing a process for implementation and evaluation

Prerequisite Knowledge:

- Knowledge of various forms of land control, real estate logic, as well as urban legislation and regulations

Course Content:

Project Management:

- Description of the action
- Analysis of technical, financial, and human resources, with a focus on understanding project stakeholders
- Levels of intervention
- Study of the requirements and priorities of action plans
- Timeline of the action plan
- Coordination of all local government actions through a global and cross-sectoral approach
- Thematic presentation by issues and objectives
- Comparison of different methods for creating action plans

Project Implementation:

- Context and practice
- Phases of project setup

Project Evaluation and Impact:

- Evaluating the project
- Anticipating project impacts during the construction phase

- Anticipating project impacts during the operational phase

Assessment Methods: Continuous assessment

Type of Assessment	Weight (%)
Final Examination	00%
Continuous Assessment	100%
Total	100%

References & Bibliography

- Verpraet, Gilles. "Le dispositif partenarial des projets intégrés. Pour une typologie des rapports publics/privés." *Les Annales de la recherche urbaine*. Vol. 51. No. 1. PerséePortail des revues scientifiques en SHS, 1991.
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- Courcier, Sabine. "Vers une définition du projet urbain, la planification du réaménagement du Vieux-Port de Montréal." *Canadian Journal of UrbanResearch* (2005): 57-80.
- Noisette, Patrice. "PPP et marketing urbain." Ruegg, J., Decoutère S. et Mettan, N. éditeurs, *Le partenariat public-privé. Un atout pour l'aménagement du territoire et la protection de l'environnement* (1994): 261-281.
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Course Identification

Semester: S2

Title of the Teaching Unit (TU): Fundamental Unit – FTU 2

Course Title 2: Urban Resource Management 2

Credits: 5

Coefficient: 3

General Objective of the Course:

- Deepen knowledge on urban resources
- Introduction to methods of urban resource utilization
- Mastery of tools and methods for urban resource management

Learning Objectives:

- Mastery of urban resource exploitation methods
- Acquisition of evaluation techniques for urban resource utilization

Recommended Prerequisite Knowledge:

Urban planning – Basic concepts in urban management – Mobility – Urban planning – Urban Resource Management 1

Course Content:

Institutional Frameworks for Urban Resource Management:

1. Land resources
2. Environmental resources
3. Urban services
4. Human resources
5. Intangible heritage

Other Topics:

- Tools for urban resource management and their impact on urban dynamics
- Processes for utilizing urban resources
- Methods for mobilizing urban resources for the benefit of the city
- Case studies on urban resource exploitation (e.g., heritage, land, etc.)

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%

Total	100%
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References & Bibliography

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Course Identification

Semester: S2

Title of the Teaching Unit (TU): Fundamental Unit – FTU 3

Course Title 1: Urban Dynamics

Credits: 4

Coefficient: 3

Course Objectives:

- Introduction to coherent reflection on issues such as urban sprawl, the center/periphery relationship, and current urban challenges
- Development of broad perspectives on urban dynamics

Learning Objectives:

- Raising student awareness of issues related to urban dynamics

Recommended Prerequisite Knowledge:

Urban planning – Basic concepts on urban growth and sprawl

Course Content:

INTRODUCTION

1. Cities and urban dynamics: Elements of understanding
2. Cities, civilizations, and modernity
3. Cities as reflections and products of social, economic, and political life

SPATIO-TEMPORAL DEVELOPMENT OF THE CITY (FROM MONO-CENTRALITY TO POLY-CENTRALITY)

1. Ancient city
2. Medieval city
3. Renaissance city
4. Industrial city
5. Capitalist city
6. Modern city
7. Contemporary city

CENTER, CENTRALITY, AND URBAN DYNAMICS

1. Dynamics of urban space
2. From center to centrality: a dynamic relationship

NEW URBAN DYNAMICS

1. Metropolization and globalization
2. Urban mobility
3. Urban marketing (a driver of urban dynamics)

THE ALGERIAN CITY: DYNAMICS, TRANSFORMATIONS, AND FUTURE PROSPECTS

1. Transformations of urban space
2. Urban space management
3. The city in the face of contemporary challenges
4. The future of the Algerian city

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

References & Bibliography

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ZADI E H., Alger, une centralité éclatée : crise du centre et nouvelles tendances urbaines ,Université Montpellier III, Thèse de Doctorat, 2003.

Course Identification

Semester: S2

Title of the Teaching Unit (TU): Methodological Unit –MTU

Course Title 2: Public Services Management

Credits: 4

Coefficient: 3

Course Objectives:

- Raise awareness about the different forms of management and good governance of urban public services

Learning Objectives:

- Learning new communication technologies

Recommended Prerequisite Knowledge:

Urban planning – Basic concepts in urban planning and infrastructure management

Course Content:

GENERAL INTRODUCTION TO THE ROLE OF PUBLIC SERVICES IN THE ORGANIZATION OF SOCIETIES

- Historical evolution of the concept of public services
- Assessment of the impact of public services on public policy
- Legislative resources related to public services

CRITERIA AND INDICATOR CROSS-ANALYSIS

- Fundamental principles of public services
- Standards for public service structures
- New evaluation methods and internal auditing

MODES OF PUBLIC SERVICE MANAGEMENT

- Fully public management
- Local autonomy
- Delegated management
- New trends in management: good governance

PLANS AND ACTIVITIES

- Management of urban transport activities
- Administrative management plan
- Technical management plan (water, gas, electricity, sanitation)
- Green space management plan
- Telecommunications management plan

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
Final Examination	50%
Continuous Assessment	50%
Total	100%

References & Bibliography

Yves Delaire, la délégation des services publics locaux ,2008.

Van Vliet (G), Caron (P), Moyano (R) 2004. "La descentralización y su vinculación con el desarrollo regional y local" ,Revista del Programa Mas Region , 4a Region , La Serena , Chile . Republié sur internet par : Comunidad Virtual en Gobernabilidad .

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Les collectivités locales ,suivant les lois Algériennes de L' APC & Wilaya 67 / 1969 – 90 – 2012 . **Site Internet** [http : // www.Localisae.fr](http://www.Localisae.fr) / Les modes de Gestion des services publics locaux.

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www.gobernabilidad.cl/modules.php?name=News&file=article&sid=953

Course Identification

Semester: S2

Title of the Teaching Unit (TU): Methodological Unit –MTU

Course Title 2: Applied Geomatics 2

Credits: 3

Coefficient: 3

General Objective of the Course:

- Deepening knowledge in the processing and extraction of information from satellite imagery
- Mastery of remote sensing tools

Learning Objectives:

- Learning to use specialized tools

Recommended Prerequisite Knowledge:

Basic knowledge of aerial photography, fundamentals of cartography and GIS (Geographic Information Systems)

Course Content:

1. **Definitions**
2. **Physical Foundations of Remote Sensing**
 - Electromagnetic radiation
 - Signal complexity and interfering media
 - Spectral behavior of objects (vegetation, water, minerals)
3. **Sensor Performance**
 - Spatial resolution
 - Spectral resolution
 - Radiometric resolution
 - Temporal resolution
4. **Thematic Approach to Satellite Image Exploitation (Using ENVI Software)**
 - Introduction and handling of ENVI 5.1 software
 - Two-dimensional histograms and channel crossover
 - Index calculations (vegetation, water, built environment)
5. **Supervised Classification of Multispectral Images**
 - Creation of a land use/land cover map
 - Page layout and map design (in ENVI and ArcGIS)
6. **Geometric Corrections and Diachronic Analysis of Satellite Images**

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weight (%)
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Final Examination	40%
Continuous Assessment	60%
Total	100%

References & Bibliography

Traitement des données de télédétection : Girard, Michel C, (Michel Claude), Dunod, 1999, 529 p.

La télédétection et la cartographie géomorphologique et géologique : Chorowicz, Jean, Paris: Éd. scientifiques GB , 2003, 141 p.

-Introduction to remote sensing: James B. Campell, 3e éd. London : Guilford press, 2002, 622p.

-Remote sensing and image interpretation : Thomas M. Lillesand, Ralph W. Kiefer, Jonathan W. Chipman . 5e éd. .- New York : Wiley , cop. 2004, 763 p.

Course Identification**Semester: S2****Course Unit Title: Methodological - MTU****Subject Title: Research Initiation 2****Credits: 2 Coefficient: 1****Pedagogical Objectives**

- Formulation of the research problem
- Methodological choices

Learning Objectives

- Introduction to scientific writing
- Mastery of research tools and techniques

Recommended Prerequisites

- Research Initiation 1

Course Content**Introduction**

- What is a dissertation?
- What is a Master's dissertation?
- What is a research topic?

Steps in Completing a Dissertation

- Topic definition
- Data collection
- Data processing
- Writing

Constituent Elements of the Dissertation

- Introduction
- Bibliographical references
- Different types of sources

Dissertation Structuring**Dissertation Formatting****Appendices**

- Methodological survey tools
- How to write a summary
- Scientific style

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

- AREZKI, D., 2008., *Méthodologie de la Recherche graduée et post-graduée*, éd. L'Odyssée, Tizi-Ouzou,
- BEAUD M., 2006, *L'art de la thèse Comment préparer et rédiger un mémoire de master, une thèse de doctorat ou tout autre travail universitaire à l'ère du Net*, La Découverte , Nouvelles édition collection Guide, Paris.
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- DARROBERS M., LE POTTIER N., 2000, *La recherche documentaire*, Nathan, Paris.
- DESLAURIERS, J.P., 1991, *Recherche qualitative-guide pratique*, Montréal, Mc Graw-hi.
- FRAGNIERE, J.P., 1986, *Comment réussir un mémoire, comment présenter une thèse, comment rédiger un rapport*, Bordas, Paris.
- GOURINAT, M., 1976, *Guide de la dissertation et du commentaire composé en philosophie*, Hachette, Paris.
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- KAUFMANN, J.C. , 2011, *L'enquête et ses méthodes : [L'entretien compréhensif](#) », éd. Armand Colin.*
- N'DA P., 2007, *Méthodologie et guide pratique du mémoire de recherche et de la thèse de doctorat*, l'Harmattan, Paris.
- NOUIRI A., 2008, *Réussir mon mémoire et ma thèse guide méthodologique Les réponses à 110 questions* , 2^{ème} édition, Alger.
- PUREN Ch., *Méthodologie de la recherche en Didactique des langues- cultures » Chapitre 7 : « Bien préparer et réussir sa soutenance orale. « <http://www.christianpuren.com/cours-méthodologie-de-la-recherche-en-dlc/chapitre-7-bien-préparer-et-réussir-sa-soutenance-orale/> »*
- VAN CAMPENHOUDT L., QUIVY R., 2011, *Manuel de recherche en sciences sociales*, Dunod, 4e édition Paris.

Course Identification

Semester: S2

Title of the Teaching Unit (UE): Transversal/Discovery Unit

Course Title 1: Projects Management

Credits: 2

Coefficient: 2

Educational Objective

- Identifying the challenges of project management, from the needs assessment phase to project delivery
- Mastery of tasks and responsibilities in project management
- Understanding project ownership and the role of the contracting authority

Learning Objectives

- Identification of tasks and responsibilities of project stakeholders
- Understanding the limits, challenges, and objectives of a project

Recommended Prerequisite Knowledge

Not specified

Course Content

1. Project identification
2. Project stakeholders and their roles
3. Project phases (process overview)
4. Programming and needs assessment
5. Project scoping
6. Mastery of procedures
7. Project planning and monitoring (project management)
8. Public procurement for the project
9. Public procurement regulations

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

- hartmut KLEIN, gestion de projet, editionbirkhauser 2008 - AFNOR – Management de projet – éd. AFNOR – 1998.
- ALEXANDRE FAULX-BRIOLE- La gestion de projet - étude d'un cas concret, - Ed : ENI – 2012.
- -GERARD HERNIAUX- Organiser la conduite de projets Ed : INSEP-2005.
- -JACOTTE BOBROFF -La gestion de projets dans la construction Ed : Presses des ponts -1994.

Course Identification

Semester: S2

Title of the Teaching Unit (UE): Cross-disciplinary/Discovery Unit – UET/D

Course Title 1: Language 2 – Expression and Communication Techniques

Credits: 1

Coefficient: 1

General Objective of the Course

- Deepening expression and communication skills
- Developing scientific writing abilities

Learning Objectives

- Improvement of expression skills
- Improvement of communication skills in interactive situations

Recommended Prerequisite Knowledge

None

Course Content

- Overview of communication and expression
- Information search and processing
- Understanding, compiling, updating, and analyzing documentation
- Selecting appropriate modes of expression
- Group expression toward achieving a shared goal
- Enhancing expression skills
- Written message production
- Forms of communication
- Techniques for informing and seeking information
- Creativity
- Infographics, media, and communication supports
- Presentation techniques
- Note-taking
- Administrative documents

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	30%
Continuous assessment	70%
Total	100%

References

- Niquet, Gilberte. *Structurer sa pensée, structurer sa phrase: techniques d'expression orale et écrite*. Hachette, 1987.
- Peraya, Daniel. "Théories de la communication et technologies de l'information et de la communication: un apport réciproque." *Revue européenne des sciences sociales* 36.111 (1998): 171-188.
- d'Almeida, Nicole. *Les promesses de la communication*. Presses universitaires de France, 2012.
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- Dacheux, Éric. "La communication: éléments de synthèse." *Communication et langages* 141.1 (2004): 61-70.
- Cosnier, Jacques. "Les gestes du dialogue, la communication non verbale." *Psychologie de la motivation* 21 (1996): 129-138.
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- Gandouin, Jacques. *Correspondance et rédaction administratives*. A. Colin, 1966.
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- Bourcier, T., and L. Laroche. "Comment communiquer efficacement avec Powerpoint®." (2005).
- Desnoyers, Luc. "L'image comme outil de la communication scientifique: Diversité et spécificités." *Protée* 37.3 (2009): 81-92.
- Combettes, Bernard. "Types de textes et faits de langue." *Pratiques* 56.5 (1987).
- Armand, Françoise. "Lecture de textes courants et acquisition de connaissances." *Québec français* 108 (1998): 32-35.

Subject 2

PREAMBLE

It was decided during the meeting of the experts from the Urban Management and Techniques program to offer learners the opportunity to choose between two themes within the specialization **Urban Management**:

- **City Management**
- **Governance and Local Development**

CITY MANAGEMENT

The goal is to prepare learners to engage in practice and to develop processes and feasibility studies within a specific environmental—and especially economic and financial—context. This contextualization is itself a “professional” framework in which learners can position themselves to mobilize their knowledge and skills in response to real-world situations.

City management is being established as a new management approach, spanning several domains to achieve productive quality. The professional is increasingly viewed as an actor who fosters wealth creation based on local resources rather than simply acting as an administrator.

GOVERNANCE AND LOCAL DEVELOPMENT

Governance is closely tied to local development. It serves as a support for partnership-based approaches within frameworks that emphasize the involvement of social resources, local intelligence, and unique local characteristics in development processes.

The aim is to prepare learners to act as catalysts within urban or territorial stakeholder systems. The mobilization of knowledge and skills for identifying and exploiting resources requires thorough scientific training. Acquiring the necessary knowledge to develop planning, programming, and strategic design skills is fundamental at this level.

These two themes will apply only to the Fundamental Teaching Unit of Semester 2 (M0).

This unit will consist of **three subjects**:

1. **Workshop:**
Topics will address the strategic management of cities, focusing on tools and methods that aim for performance. Governance and forms of citizen participation will also be explored to support reflections on partnership-based management approaches.
2. **Thematic Support Course 2:**
This course will focus on foundational concepts and knowledge to strengthen the learners’

knowledge base. The goal is to prepare students to undertake dissertation work related to the chosen theme.

3. **Thematic Support Course 0:**

This course will focus on methods and tools necessary for urban analysis, diagnosis, and evaluation. The course content will prioritize guidance approaches to support learners in conducting exploratory and investigative tasks.

SEMESTER 3

Course Identification

Semester: S3

Title of the Teaching Unit: Fundamental Unit (FTU)

Course Title: Workshop 3

Credits: 9

Coefficient: 4

Educational Objectives:

- Learning methods of analysis and diagnosis
- Acquiring the skills to respond to concrete problem situations

Assessment Methods: Continuous assessment

Type of Assessment	Weighting (%)
Exam	-
Continuous assessment	100%
Total	100%

References

Establishment: Hassiba Benbouali university of Chlef Master title: City management

Academic year : 2020/2021

THEMATIC 1: CITY MANAGEMENT

WORKSHOP 3

Course Title: Feasibility and Impact Studies: Assessment and Evaluation

Learning Objectives:

- Develop the ability to conduct feasibility studies and analyze the viability and economic/organizational implications of a project
- Identify emerging standards and value systems in action frameworks
- Understand the modalities of organization, implementation, monitoring, and evaluation, as well as the impact of action plan execution at various scales

Course Content

Approach 1: Feasibility Study

Practical exercises on the following concepts:

- Introduction to the feasibility study for urban project development
- Needs evaluation and analysis
- Development of a SWOT matrix (Strengths, Weaknesses, Opportunities, Threats) for the territory
- Scenario development and selection
- Project financing and communication strategy
- Analysis of project launch over time and space

Approach 2: Impact Study

Theoretical foundation on impact assessments:

- Environmental issues: definitions and types of potential impacts
- Presentation of Environmental Impact Assessments (EIA): definitions, objectives, and typologies
- Stakeholders and projects subject to EIAs
- Steps of an Environmental Impact Assessment:
 - Programming
 - Diagnostic
 - Design
 - Urban planning authorizations
 - Implementation
 - Operation
 - Deconstruction

Regulatory procedure of EIAs in Algeria:

- Contents of an EIA
- Study references and frameworks
- Project context: description of the receiving environment
- Project description
- Impact analysis
- Risk management (accidents)
- Environmental monitoring and follow-up
- Preparation and content of the EIA report
- Commonly used methods and tools at each stage (checklists, impact matrices, networks, GIS, etc.)
- Structure and contents of an EIA report

Practical exercises on the following concepts:

- Environmental impact study and project life cycle
- Preparation of an EIA report
- EIA management and monitoring

References

ANDRE, Pierre *et al.* « *L'évaluation des impacts sur l'environnement. Processus, acteurs et pratiques* », Presses internationales polytechniques, Montréal 1999. 416 p.

Conseil canadien de la recherche sur les évaluations environnementales (CCREE). « *Évaluation des effets cumulatifs : exposé sur la recherche* », Ministère des Approvisionnement et Services du Canada, Hull, Québec 1988, 11 p.

CLARK, B.D. *et al.* » *Environmental Impact Assessment : a Bibliography with Abstracts* », Mansell, Londres 1980.

LEDUC, G. et Michel RAYMOND. « *L'évaluation des impacts environnementaux. Un outil d'aide à la décision* », Ed. Multimondes, Sainte-Foy, Québec 2000, p.403.

Institute of Environmental Management and Assessment. « *Manuel de Formation sur l'Etude d'Impact Environnemental* », éd. Barry Sadler et Mary McCabe, 2^e éd. 2002. 630p.

LEOPOLD, L.B. *et al.* » *A Procedure for Evaluating Environmental Impact* », United States Geological Survey Circular, Washington 1971. P. 645.

SADAR, M.H. *et al.* « *Évaluation des impacts environnementaux (ÉIE)* », Carleton University Press, 2^e éd., Ottawa, 1994.

Décret exécutif n°07-144 du 19 Mai 2007

Décret exécutif n°07-145 du 19 Mai 2007

Loi 03-10 du 19 Juillet 2003

THEMATIC 2: GOVERNANCE AND LOCAL DEVELOPMENT

WORKSHOP 3

Course Title: Governance and Participatory Approaches

Learning Objectives:

- Understand the role of social relationships in the mechanisms of territorial development
- Grasp integrated development by combining various variables (social, economic, etc.)
- Master proximity-based management and participatory democracy

Course Content

Theoretical Foundations on the Following Concepts:

- The local development approach and the capacity to respond to local issues by mobilizing local resources
- Organizational learning processes
- Building a local vision within a global context
- Advancements in local governance (local resource exploitation, social innovation, etc.)

Practical Exercises on the Following Concepts:

- Analysis of the concept of space and territory
- Analysis of the concept of local development (industrial districts, local production systems)
- Identification of local issues
- Enhancement of territorial resources through proximity and geographical reciprocity
- Rethinking the economic and social structure of a territory (new vision, innovation)
- Economic and geographical approaches
- Developing studies for each territory to understand its specific economic potential:
 - Natural resources
 - Human resources
 - Infrastructure
 - Shared natural resources with other territories
- Identifying constraints related to local economic development
- Conducting an assessment of economic potential in each territory:
 - General overview
 - Sector-based analysis (project opportunities, etc.)

References

Angeon, V. et S. Laurol (2006), *Les pratiques de sociabilité et de solidarité locales : contribution aux enjeux de développement territorial*, CAIRN INFO, n°127, p. 13-31.

Angeon, V. et A. Colin (2008), *L'explication du rôle des relations sociales dans les mécanismes de développement territorial*, CAIRN. Info. Juin, p.237-250. Angeon, V. et J.M. Callois (2004), *De l'importance des facteurs sociaux dans le développement*, GRES, Université Montesquieu, Bordeaux

Besançon, E. (2012), *L'économie sociale et solidaire face aux défis de l'innovation sociale et du changement de société*, RIUESS, Université de Lorraine, France.

Bouliane, L.M. (2004), *Région apprenante : du concept à l'application. L'exemple de la Suisse*, XLème Colloque de l'ASRDLF, Bruxelles.

Ferguene, A. et al. (2004), *Gouvernance locale et développement territorial. Le cas des pays du Sud*, L'Harmattan, Paris.

Joyal, A. (2002), *Le développement local. Comment stimuler l'économie des régions en difficulté*. Les Editions de l'IQRC, PUL, Québec.

Kolosy, K. (2006), *Le développement local : réflexion pour une définition théorique du concept*, Horizon local de Globenet, 2006

Leloup, F. et al. (2003), *Développement local en Afrique de l'Ouest : Quelle(s) réalité(s) possible(s)*, CAIRN INFO, n°124, p. 95-112.

Pecqueur, B. (2004), *Territoire et gouvernance : quel outil pertinent pour le développement ?*, L'Harmattan, Paris

2eme Congrès de l'Académie de l'Entrepreneuriat et de l'Innovation *ENTREPRENEURIAT RESPONSABLE : PRATIQUES ET ENJEUX THEORIQUES*-Nantes, France, 20-22 mai 2015-

1ere contribution de MIPMPEPI au débat sur la promotion du développement local en Algérie-Septembre 2011- n°33/DGVSEES/2011

ROBERT JOUMARD, *le concept de la gouvernance* LTE 0910 rapport de recherche .2009 , pp. 52<hal. 00489237.

FANNY GLEIZE ,*Démocratie participative, développement local et gouvernance*, septembre 2006.

BONNIE CAMPBELL , DIFA AHADO , *La gouvernance ; entre l'état et le marché qui gouverne l'ordre social* , décembre 2006 , Les cahier C.A poissant collection recherche N° 20061.

- [http:// www POLITIQUE DES GRANDE VILLE/ subsites/ POLITIQUE DES GRANDE VILLE/ index.asp ?content type=HO](http://www.POLITIQUE_DES_GRANDE_VILLE/subsites/POLITIQUE_DES_GRANDE_VILLE/index.asp?content type=HO).
- Décret exécutif n°07-144 du 19 Mai2007
 - Décret exécutif n°07-145 du 19 Mai2007

- Loi 03-10 du 19 Juillet 2003

Course Identification

- **Semester:** S3
- **Unit Title:** Core Unit (UEF)
- **Course Title:** Thematic Support Course 1
- **Credits:** 5
- **Coefficient:** 3

General Educational Objective

- Acquisition of foundational concepts necessary for various modes of management (heritage, local authorities, etc.).

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

THEMATIC 1: CITY MANAGEMENT

Course Title: Thematic Support Course 1 – *Heritage Management*

Learning Objectives

This course aims to provide students with solid familiarity with the concept of cultural heritage, the various aspects of its public management, and the challenges of its conservation within the framework of sustainable development, particularly by learning to:

- Use specific tools and techniques in the field of heritage to carry out a heritage diagnosis, through meetings with professional stakeholders and field visits.
- Plan, propose, and develop structured actions and programs dedicated to the management, preservation, and enhancement of cultural heritage.

Course Content

- **Introduction:** Public authorities' heritage
 - Public vs. private domains
 - Key challenges in managing public authorities' heritage
- **Cultural Heritage**
 - Architecture and history of built and urban heritage
 - Cultural and intangible heritage
 - Natural environments and landscape heritage
- **Conventions, Charters, and Regulations**
 - International frameworks
 - National regulations
- **Heritage Analysis and Diagnosis**
- **Heritage Management Systems**
 - Management systems
 - Management plans and their components
- **Heritage Inventory**
- **Role of Local Communities**
- **Heritage Protection Measures**
 - Conservation, restoration, rehabilitation
- **Respecting and Valuing Traditions**
- **Heritage Engagement and Promotion**
 - Circuits, sites, exhibitions, museums, interpretation centers
- **Citizen Participation**
- **Mobilization of Community Associations**

References

ICOMOS France : GÉRER LE PATRIMOINE MONDIAL
CULTUREL : <https://whc.unesco.org/document/128603>

Les plans de gestion patrimoine mondial de l'Unesco : un outil de développement territorial au service des collectivités locales ? : <https://journals.openedition.org/ocim/1283>

Patrimoine culturel et développement local, Guide à l'attention des collectivités africaines,
CRATerre- ENSAG / convention France- UNESCO Patrimoine et développement durable,
Naturopa N° 27, Conseil de l'Europe, 0220

Nassima Dris, « Patrimoines et développement durable, Ressources, Enjeux, lien social »,
Presses universitaires de Rennes,

THEMATIC 2: GOVERNANCE AND LOCAL DEVELOPMENT

Course Title: Thematic Support Course 1 – *Steering Tools for Local Authorities*

Learning Objectives

- Develop in-depth knowledge of local public policies in Algeria, including their life cycle, stakeholders, analysis, evaluation, and the tools and approaches required for successful implementation of local programs and public actions.
- Build an understanding of new approaches to public management.

Course Content

1. **Local Authorities in Algeria**
 - Strategic objectives of local authorities and their budgetary translation
 - Setting of objectives
 - Budgetary translation of objectives (internal and external resources)
2. **New Technology**
 - Definition of e-government
 - Steps and key issues
 - Constraints
 - Mechanisms for planning and executing government programs in Algeria
 - Role of new technologies in sustainable development
 - Examples and case studies
3. **Implementation of Objectives and Securing Procedures**
 - Internal procedures
 - Policies implemented in partnership:
 - With associations
 - With public-private joint ventures
 - With delegated public services
 - Budgetary and accounting control
4. **Involving Services in the Performance-Based Approach**
 - Organizational methods
 - Positioning and coordination of services
 - Tools and support for implementation
 - Communication

5. Management Control in Local Authorities

References

Cherif Rahmani, **les finances des communes Algérienne -insincérité , déficits et bonne gouvernance**, édition Casbah Alger 2002.

GrabaHachmi ,**Les ressources fiscales des collectivités locales– nature reproduits , procédure d'assiette de recouvrement et d'affectation, perspectives d'évolution** , édition ENAG, Alger, 2000.

Djilali Adja, Bernard Drobeuko, **Droit de l'urbanisme, les conditions del'occupation du sol et de l'espace, l'aménagement – le contrôle, le financement, le contentieux**, Berti éditions, Metidja impression, Alger 2007, et éditions Galino, Eja, Paris, 2006.

GrabaHachmi ,**Les ressources fiscales des collectivités locales– nature reproduits , procédure d'assiette de recouvrement et d'affectation, perspectives d'évolution** , édition ENAG, Alger, 2000.

أولا - قائمة المصادر والمراجع باللغة العربّية:

الكتب

إبراهيم سعد الدين: المجتمع المدني والتحول الديمقراطي مصر، دار قباء للنشر والتوزيع القاهرة، 0222.

القذوة محمد العلوش طارق: الحكومة الالكترونية وتطبيقاتها في الوطن العربّ ، منشورات المنظمة العربّية للتنمية القاهرة ، 0224.

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بوضّاف عمار : شرح قانون البلدية، جسر للنشر والتوزيع، طبعة أولى، 0220.

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*مسعود شّ هوب : أسس الإدارة المحلية وتطبيقاتها على النظام الولائي والبلدية في الجزائر، دوان المطبوعات الجامعية ، الجزائر، 2227.

- النصوص القانونيّة والمراسيم التنفّذية II

*الميثاق الوطن الجزائري

الدستور الجزائري لسنة 1991، المؤرخ في 22/02/2221 ، الجريدة الرسمية، العدد 71، المؤرخ في 22/20/2221 ، المعدل والمتمم بالقانون رقم 22/20 ، المؤرخ في 22/24/2002، المعدل والمتمم بالقانون رقم 22/22 ، المؤرخ في 22 نوفمبر 2002، المعدل والمتمم بالقانون رقم 22/21 ، المؤرخ في 21 مارس 2011، الجريدة الرسمية العدد 24، المؤرخة في 27 مارس 0221 .

*القانون 22-22 المتعلق بقانون البلدة، الصادرة في 22 جويلية 2022 الجريدة الرسمية عدد 27 المؤرخ في 00 جويلية

0222. القانون 20-27 المتعلق بقانون الولاية، الصادرة في 02 فيفري 2020 الجريدة

الرسمية عدد 20 *قانون الجماعات الإقلية 0220

ثانيًا- المصادر والمراجع باللغة الأجنبية:

Sites Web :

<http://www.intérieur.dz>

<http://www.joradp.dz>

Identification of the Course

- **Semester:** S3
- **Course Unit Title (UE):** Core Unit (UEF)
- **Course Title:** Thematic Support Course 2
- **Credits:** 4
- **Coefficient:** 3

General Pedagogical Objective

- Acquisition of support knowledge essential for implementing management practices related to urban resources (public spaces, finances, etc.).

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

Course Title (Thematic Support 2): Management of Public Spaces

Learning Objectives:

- Understanding the dimensions of public space (spatial-functional, socio-cultural, and economic).
 - Identifying the components of public space and the issues related to it, such as managing public spaces and the key actors involved in public space.
-

Course Content:

General Overview:

- **Public Spaces:** Concepts and Definitions
- **Genesis and History of Public Space:**
 - Public space in ancient cities
 - Public space in Arab-Islamic cities
 - Public space in medieval cities
 - Public space during the Renaissance
 - Industrial cities and the loss of traditional public space
 - Modern 20th-century cities
 - 21st-century public space: connected and sustainable public spaces

Typology of Public Spaces:

- **Urban Structure and Morphology of Public Spaces:**
 - Public spaces and the structure of cities
 - Streets and squares: main squares, small squares, streets, alleys, dead ends, avenues, boulevards, pedestrian paths, and mechanical traffic roads
 - Green spaces, public gardens, playgrounds, residual spaces in urban fabric

Public Spaces: Fabrication and Functions:

- **In the Algerian City:** Typo-morphology of public spaces, lived experience, use, perception, and appropriation of public spaces:
 - The compact city (Medina)
- **Functions and Design Principles:**
 - Primary functions: circulation, relationship, and distribution
 - Socioeconomic functions (meetings and sharing, cultural activities, economic dimensions)

- Functions of relaxation and leisure

References

- Muret Jean-Pierre, Marie-Lise Sabrié, Pierre Méhaignerie et Yves-Marie Allain : **‘Les Espaces urbains: concevoir, réaliser, gérer’**, ed. du Moniteur, 1987
- Benevolo, L : **‘l’histoire de la ville’**, éditions Parenthèses, Marseille, 2004
- Krier R. : **‘L’espace de la ville : théorie et pratique’**, E. AAM, 1975
- Mangin D., Ph. Panerai : **‘Projet urbain’**, éditions Parenthèses Barzakh, Alger, 2009
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THEMATIQUE 2: Gouvernance et Développement Local

Course Title (Thematic Support 2): Finances and Local Development

General Objective of the Course:

This course aims to equip the student with knowledge on the different types of public finances and methods for effectively utilizing these scarce resources to ensure the development of local territories. The theoretical and practical knowledge gained will enable the student to understand various funding sources for local development and the modern practices involved in achieving this development.

Course Content:

1. Public Finances

- Definitions
- General principles of public finances
- The finance law
- Public budget: procedures, resources, and expenditures
- Types of public budgets
 - State budget
 - Wilaya (provincial) budget
 - Municipality budget
 - Special funds

2. Financial Instruments

- Local taxation and land valuation

3. Local Economy

- Definitions
- Local development actors and institutions
- Local development plans and programs
- Financing local development actions
- External resources

References

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www.joradp.dz

www.interieur.gov.dz

www.cnes.dz

Identification of the Course

Semester: S3

Unit Title: Methodological Unit (UEM)

Course Title: Cities and ICT (Information and Communication Technologies)

Credits: 03

Coefficients: 03

Course Objectives:

- Raise awareness of the contributions of ICT in urban practices.
- Acquire a general understanding of technological innovations.

Learning Objectives:

- Build a responsible and civic technological culture.

Course Content:

1. **Information Serving the City**
 - Forms of communication
 - The power of information in the city
 - Information management challenges
2. **Application of ICT to the City**
 - Smart cities
 - Electronic information and data flows
 - Urban communication: access and dissemination
3. **Social Networks in City Management**
4. **Impacts of ICT**
 - On urban flows
 - On urban and socio-economic relationships
5. **Limitations of ICT Adaptation to the City**
 - Time management in the era of ICT
 - Behavior of actors and users in response to ICT
6. **ICT in Urban Security**
7. **Future Prospects of ICT in Sustainable Cities**

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

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Thierry Paquot ; « ville, architecture et communication », ed ; les essentiels d'hermès.cnrs éditions 2014

Identification of the Course

Semester: S3

Unit Title: Methodological Unit (UM)

Course Title: Urban Risk Management

Credits: 03

Coefficients: 02

Course Objectives:

This content focuses on urban risk management policies. It highlights different concepts, strategies for disaster and crisis prevention and management, and the organization of emergency response.

Learning Objectives:

- Understanding different concepts and strategies for risk prevention and management.
- Knowledge about the various types of risks.

Course Content:

1. Definitions:

- Risks
- Hazard
- Stakes
- Vulnerability

2. Overview of Risk Typology:

- Landslide risk
- Flood risk
- Seismic risk
- Sanding risk
- Technological risk
- Other risks

3. Risk, Crisis, and Disaster Management:

- Risk acceptability
- General approach to natural risk management
- Hazard knowledge and evaluation
- Hazard diagnosis: identification and characterization
- Forecasting, prevention, precaution, vigilance, and alert

4. Risk Mapping and Localization:

- Research-related mapping
- Regulatory mapping: PGP, PPRN
- 5. **Approaches and Tools for Risk Management**
- 6. **Emergency Plans and Crisis Management**
- 7. **Algerian Strategy for Urban Risk Prevention and Management**
- 8. **Role of Local Authorities in Risk Management**

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

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C. LUTTOL & Al. Gestion des risques majeurs dans les villes européennes. Analyse des enjeux dans les villes.

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www.joradp.dz/gestion des risques)

Identification of the Course

Semester: S3

Unit Title: Methodological Unit (UEM 3)

Course Title: Urban Engineering

Credits: 03

Coefficients: 02

Course Objectives:

- The objective of the course is to present theoretical knowledge as well as technical and practical methods for solving problems related to urban engineering (Infrastructure and Transport).
- The logic proposed in this course is to transition from urban networks to urban planning (operational urbanism), to demonstrate the impact of networks on the design of urban development.

Learning Objectives:

- Enable students to develop the “know-how” to apply acquired knowledge in urban technical management.

Recommended Prerequisite Knowledge:

Basic knowledge in operational urbanism, land use planning, infrastructure, and topography.

Course Content:

Theoretical Part:

- **A. Urban Development and Roadways**
 - Earthworks techniques and site protection for constructible areas
 - Urban roads (road layout, hierarchy, footprint, alignment, curve radius)
 - Road networks (greenways, watercourses, pedestrian networks, etc.)
 - Urban intersections: planning and integration of intersections within urban fabric (elevated, cross, roundabouts, underpasses, tunnels, etc.)
 - Development of parking areas and parking lots

- **B. Urban Development and Technical Networks**

- Technical networks and specifications for planning and development (drinking water, sanitation, gas, electricity, street lighting, telephone, urban waste)
- Standards, ratios, easements
- Coordination of technical networks in space and time

Practical Part:

- Each part of the course will include an exercise aimed at applying methods and tools used in urban engineering studies and design in the context of development projects.

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

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Identification of the Course

Semester: S3

Unit Title: Transversal Unit (UET 3)

Course Title: Mobility and Transport

Credits: 01

Coefficients: 01

Course Objectives:

- The objective of the course is to provide students with all the necessary knowledge related to transportation and mobility.
- It enables understanding of the coordination and interconnection between transportation, mobility, and urbanization.

Recommended Prerequisite Knowledge:

No specific prerequisites mentioned.

Course Content:

Chapter 1: Generalities on Urban Mobility

- Definitions
- Forms of mobility
- Characteristics of urban mobility
- Mobility and accessibility
- Practices and behaviors in urban mobility
- Management and actors in mobility
- Sustainable mobility

Chapter 2: Generalities on Transportation

- Definitions
- Evolution of transportation systems
- Types of transport

- Modes of transport
- Transport in major cities around the world
- Transport and mobility policies in Algeria

Chapter 3: Interactions between Transport/Mobility and Urbanization

- Generalities on urbanization
- Urban policy in Algeria
- Interconnection between urbanization and mobility

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

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- **Martin, N.** *Quels liens entre aménagement du territoire, mobilité et espace public ?*, Université Catholique de Louvain, 2015.
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- **Orfeuil, J-P.** *L'automobile en question.* Paris : Predit.2000.
- **Ries, Roland.** *Transports urbains : quelles politiques pour demain.* Paris. Predit. 2003.
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- **Weil, M.** *Etalement urbain et mobilité.* Paris. Predit. 2010.

Identification of the Course

Semester: S3

Unit Title: Transversal Unit (UET)

Course Title: Urban Ergonomics

Credits: 01

Coefficients: 01

Learning Objectives:

- To design cities that are accessible to all, valuing the human dimension and considering the characteristics, needs, and expectations of people with reduced mobility.
- To be aware of and respect the interactions between humans and the components of the city.
- To establish diagnostics of daily mobility conditions.
- To design public spaces that account for all types of uses and users.

Recommended Prerequisite Knowledge:

Knowledge of urban planning, space management, and public space management.

Course Content:

Chapter I: The Human and Their Needs

1. The concept of human needs and security in the city
2. Physiological needs of humans: Biological interactions of the human body

Chapter II: Ergonomics

1. What is ergonomics?
2. Cognitive ergonomics
3. Organizational ergonomics

Chapter III: Urban Ergonomics

1. Ergonomics of public space
2. Ergonomics of daily mobility

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Exam	50%
Continuous assessment	50%
Total	100%

References

-**CERTU (2005)**, *Accessibilité des espaces publics urbains : Outil d'évaluation ergonomique*

-**IGNAZI G et all (2002)** *étude ville et ergonomie de l'accessibilité*,

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-*Concevoir des espaces extérieurs en environnement urbain : une approche bioclimatique*

Disponible sur le site : (<http://alpha.cres.gr/ruos/>)

Identification of the Course

Semester: S4

Unit Title: Fundamental Unit (UEF4)

Course Title: Final Year Thesis

Credits: 25

Coefficients: 10

Course Objectives:

The objective of this course is to enable students to:

- Apply all the knowledge previously acquired throughout the training program to specific case studies.
- Write the final year thesis.

Prerequisite Knowledge:

Theoretical and practical knowledge acquired throughout the training program, particularly research initiation.

Course Content:

To be developed with the team responsible for supervising the final year theses.

- The procedure for developing the thesis must comply with the requirements of the relevant regulations: Decree 362 of July 11, 2013, and the practical guide for writing.

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Thesis Defense	100%
Continuous assessment	-
Total	100%

References :

Decree 362 - of June 9, 2014

LMD Guide

Master's Thesis Writing Guide

Identification of the Teaching Subject

Semester: S4

UE Title: Fundamental. UEF4

Subject Title 2: Final Year Project

Credits: 05

Coefficients: 05

Course Objectives:

The objectives of this course are to allow students to:

- Apply all the knowledge previously acquired during the training program to the realization of the results obtained in the form of: proposals and recommendations, planning, financial setup, software development, creation of a specification document, personal contributions from students, and originality of the work.
- Complete the final year project.

Prerequisite Knowledge:

Theoretical and practical knowledge required during the training program, particularly the introduction to research.

Course Content:

To be developed with the training team responsible for supervising the final year projects.

Assessment Methods: Continuous assessment, final exam

Type of Assessment	Weighting (%)
Final project Defense	100%
Continuous assessment	-
Total	100%

References :