PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

PROFESSIONAL MASTER TRAINING OFFER

Establishment	Faculty / Institute	Department
Mohamed KHIDER University – Biskra	Science and Technology	Architecture

Domain: Architecture, Urban Planning and City Professions (AUMV)

Sector : City professions

Specialty: Urban and Architectural Project Management (MDPUA)

Academic year: 2022/2023

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

الجمهورية الجزائرية الديمقراطية الشعبية وزارة التعليم العالي والبحث العلمي

عرض تكوين ماستر مهني

القسم	الكلية/ المعهد	المؤسسة
الهندسة المعمارية	العلوم والتكنولوجيا	جامعة محمد خيضر ـ بسكرة

الميدان: هندسة معمارية عمران ومهن المدينة

الشعبة: مهن المدينة

التخصص: إدارة المشاريع العمرانية والمعمارية

Date: 2022/2023

SUMMARY

I - Master's identity sheet

- 1. Training location
- 2. Coordinators
- 3. Training partners
- 4. Context and objectives of the training
 - A Access conditions
 - B Training objectives
 - C Profiles and targeted skills
 - D Regional and national employability potential
 - E Gateways to other specialties
 - F Training monitoring indicators
 - G Management abilities
- 5. Human resources available
 - A Management capacity
 - B Training management team
 - B-1: Internal supervision
 - B-2: External supervision
 - B-3: Overall summary of human resources
 - B-4: Permanent support staff
- 6. Material resources available
 - A Educational Laboratories and Equipment
 - B- Internship sites and in-company training
 - C Master's support research laboratories
 - D Master's support research projects
 - E Personal work spaces and ICT

II - Half-yearly teaching organization sheet

- 1- Semester 1
- 2- Semester 2
- 3- Semester 3
- 4- Semester 4
- 5- Overall summary of the training

IV. Detailed program by subject

- V. Agreements/conventions
 - Annex : Masters accreditation references
- VI. Resume of coordinators
- VII. Opinions and Visas from administrative and advisory bodies
- VIII. Visa from the Regional Conference

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

I – Master's identity sheet

(All fields must be completed)

1 - Location of the training:

• University Mohamed KHIDER University – Biskra

• Faculty Science and Technology

• Department Architecture

2 – Coordinators:

- Responsible for the training area team:

Last name First Name: BADA Yassine

Rank: Professor

E-mail: yassine.bada@univ-biskra.dz

Attach a brief CV as an annex to the training offer

- Responsible for the training sector team:

(Class A or B lecturer or Class A assistant professor):

Name & first name: MEDOUKI Mostefa

Grade :Master-Assistant class A Email: m.medouki@univ-biskra.dz

Attach a brief CV as an annex to the training offer

- Head of the specialty team:

(at least Assistant Master Class A):

Name & first name: KACHEF Sarah

Grade: Master-Assistant class A

0559071635 Email: sarah.kachef@univ-biskra.dz Attach a brief CV as an annex to the training offer

3 - Training partners*:

- Businesses and other socio-economic partners:
 - Directorate of Housing DL.
 - Department of Public Facilities DEP.
 - Directorate of Public Works DTP.
 - ❖ OPGI Real Estate Promotion and Management Office.
 - Directorate of Urban Planning and Architecture and Construction DUAC.
 - **.** URBACO.
 - ❖ Local authorities APW, APC, etc.
 - ❖ Building companies all trades and public works construction
 - ENPI
 - * Real estate agents.
 - ❖ National Union of Building Contractors UNEB.
 - **COSIDER.**
- International partners: See Appendices

Establishment: Mohamed KHIDER University – Biskra

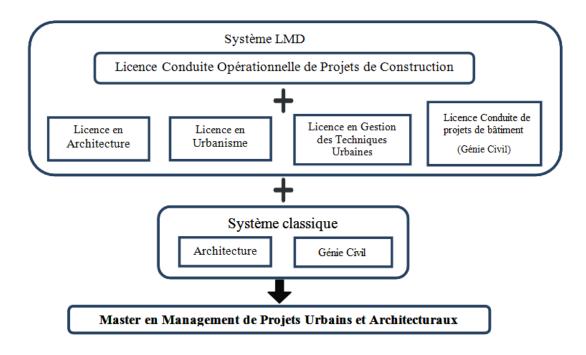
Title of the master: Management of Urban and Architectural Projects (MDPUA)

^{*} Present the conventions in the appendix to the training

4 – Context and objectives of the training

The building and public works sector is a rapidly evolving sector which has been experiencing an upheaval in its practices for several years; developments in the world of building, socio-economic context, technologies, knowledge, know-how and skills have had the corollary developments in the division of labor for the organization of construction and project management. A development which requires strategists in the BTPH sector in Algeria to adopt professional specifications more suited to the requirements of construction projects (Urban and architectural), which is interpreted by the need to train newnew specialists in the field of construction, particularly in project management systems.

A – Access conditions(indicate the license specialties which can give access to the Master)



B - Training objectives

The project master training was formulated to promote better awareness regarding the quality of the project manager, aiming to train specialists in urban and architectural project management who will be able to apply the techniques, methods and tools of management, which are based on new technologies and international standards. The main objective is that the graduate of this training must ensure good control of all phases of the project ranging from "Launch" to "Closing". However, the training also integrates certain human and social aspects whose perspective is the strengthening of the managerial identity of future project managers. This objective is divided into the following points:

- Professional profile;
- Response to the needs of the socio-economic market / building sector;
- ➤ Adaptation to the labor market: conditions of construction sites, companies and construction projects;
- > Strengthening the links between the training establishment (place of reflection) and the environment in which the profession is practiced;
- > Occupational integration;
- Qualification and know-how;
- > Continued scientific research and innovation of the sector.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

The "MDPUA" Urban and Architectural Project Management training is the result of a very close partnership with the various construction stakeholders, while ensuring phasing with the managerial, technical and regulatory innovations of the built component, training adjusted to the integration of new project manager profiles and thus ensures a very high rate of integration of our graduates into the professional world.

Teaching is provided by building experts, lawyers, project economists, managers, quality specialists and a team of multidisciplinary university teachers, providing a Diploma recognized in the international LMD system (License - Master - Doctorate). A professional master's degree designed with the aim of developing the specific elements of MDPUA training, mainly the management aspects: management, mastery, management, optimization, planning and scheduling, project economics, quality tools and entrepreneurial culture.

C – **Targeted job profiles and skills**(in matters of professional integration - maximum 20 lines):

Graduates of MDPUA training have dual technical and managerial skills, they are, in particular, able to master operational project management. They have the professional skills to: Plan schedule management, Organize activities, determine and analyze the risks linked to a construction operation and its operation and recommend good practices in implementation.

As a result, MDPUA graduates should be managerially responsible for projects, in accordance with client requirements, at strategic, decision-making and operational levels and in compliance with the technical and security regulatory conditions of the project.

With this designation, the MDPUA graduate must demonstrate responsiveness and the ability to adapt to the vagaries of the project and its environment. Obviously, he must have solid technical, management and decision-making skills.

Targeted skills:

> Mastery:

- Managerial and operational skills in a complex construction system;
- Control and monitoring of works;
- Financial and organizational-functional optimization;
- From the socio-cultural aspect;
- Project problem resolution management;
- The process of initiating a project;
- The procurement process;
- Programming a project, planning, scheduling, budgeting, management, anticipation, forecasting, organization;
- Improvement of management performance;
- Control and monitoring of works;
- Compliance with the rules of hygiene, safety and security at work;
- Compliance with environmental rules;
- Information and communication technologies and management IT and skills in descriptive statistics.

> To have:

- Project management skills;
- The ability to carry out the assembly of a project;
- Decision-making support skills: human resources planning, risk management units, etc.;

- Report writing skills;

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

- The skills of programming, prescription, estimation of building works as well as monitoring and technical aspects of projects;
- Skills in programming work, conducting surveys, processing, analyzing data and interpreting results;
- Strategic and operational management skills;
- Leadership and team collaboration skills;
- Human resource management skills;
- Communication skills (oral and written);

These skills therefore range from prospecting, forecasting, to implementation, delivery as well as project expertise, including assistance with project management or project management.

Targeted professions:

The MDPUA training is operational and our graduates are directly employable. The targeted professions are considered in accordance with the Algerian Nomenclature of Professions / Employment "NAME" (Ministry of Labor, Employment and Social Security), in particular the job descriptions:

- ❖ K1401:Real estate project management
- ❖ F1501: Engineering and civil engineering studies
- ❖ F1507: Technical inspection and diagnosis of the building

As well as the Nomenclature of engineering activities and specialties in the building sector (Ministry of Housing, Urban Planning and the City).

This professional, who is responsible for piloting, monitoring and managing the project, can also claim the following jobs:

- Manager
- Project pilot, project manager
- Work coordinator
- Business Manager
- Quality Manager
- Project Manager
- Quality auditor
- **❖** Work supervisor
- Construction technical sales
- ❖ Work and quality controller
- ❖ Site/Business Unit Director
- * Real estate developer
- Entrepreneur
- Planner
- Expert
- Construction Economist

- Construction project manager / Project manager
- Organizer of the construction company
- **&** Building site organizer.
- Consulting and support firm consultant
- Project owner
- Project management assistant
- Programmer
- * Researcher/PhD in business

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

D- Regional and national employability potential of graduates:

The MDPUA master's training prepares our graduates for a professional life within companies and organizations, state and private, specializing in BTPH. This sector with strong innovation is characterized by significant technological and socio-cultural changes, is obliged to adopt professional specifications more suited to the management requirements of construction projects (urban and architectural).

From this obligation, a desire gradually emerges to integrate the profile of "Urban and Architectural Project Management" with its related professions, as part of better anticipating changes, innovations and the expansion of construction activities. This is to facilitate:

- ❖ An Implementation of professional specifications, namely the multidisciplinarity of stakeholders in the project who are more able/competent to understand and carry out construction project tasks;
- ❖ A more technical mastery and more adapted to the requirements of regional and national markets:
- Optimization and less waste in resource deployment;
- ❖ Better participation of SMEs, self-employment, and promotion of entrepreneurship;
- ❖ A rapid response to recurring adjustments between job supply and demand at the local level;
- ❖ More visibility of Urban and Architectural Project Management training;
- Strengthening the employability of new graduates;
- ❖ Facilitating access to financing and Integration Funds for Young People;
- ❖ New expectations in terms of skills;
- ❖ An evolution in the distribution of activities and skills described in the different projects.

In this sense, a very high employability potential, especially of the trained profile, has been recorded in recent years. Graduates of the MDPUA master's degree work in BTPH industrial groups, public establishments responsible for project management, BTPH companies (state/private, national/multinational); design offices specializing in construction, technical control companies for buildings and public works, offices and companies mandated to carry out work.

E – Gateways to other specialties: None

F – Training monitoring indicators:

Training monitoring indicators can be defined based on the areas initiated by the Quality Assurance Implementation Commission in establishments.

- ❖ The university's quality assurance unit;
- ❖ The scientific council of the CSF faculty;
- * The scientific council of the CSDM department;
- ❖ The Pedagogical Committees (CP);
- Graduate employability monitoring unit;
- ❖ The visibility of the training;
- **❖** Self-assessment;
- ❖ The evaluation continues.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

 $G-Supervisory\ capacity$ (give the number of students that it is possible to take into account charge): Forty students (40)/year

5 – Human resources available

A: Supervisory capacity:

The supervision capacities make it possible to accommodate 80 students in the Master cycle, namely:

- ❖ 40 first year Master's students
- ❖ 40 second year Master's students

B: Training management team:

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

B-1 : Equipe pédagogique interne mobilisée pour la spécialité :

Nom, prénom	Diplôme graduation	Diplôme de spécialité (Magister, doctorat)	Grade	Type d'intervention	Emargement
Zemmouri Noureddine	Architecte d'Etat	Doctorat d'Etat	Professeur	Cours théorique + Encadrement	.95
Bada Yassine	Architecte d'Etat	Doctorat d'Etat	Professeur	Cours théorique + Encadrement	BY
Farhi Abdallah	Architecte d'Etat	Doctorat d'Etat	Professeur	Cours théorique + Encadrement	Total
Benabbas Moussadek	Architecte d'Etat	Doctorat d'Etat	Professeur	Cours théorique + Encadrement	MANS
Belakehal Azeddine	Architecte d'Etat	Doctorat en Sciences + Habilitation Universitaire	Professeur	Cours théorique + Encadrement	()·
Sriti Leila	Architecte d'Etat	Doctorat en Sciences + Habilitation Universitaire	Professeur	Cours théorique + Encadrement	1
Bouzaher Soumia	Architecte d'Etat	Doctorat en Sciences + Habilitation Universitaire	Maître de Conférences 'A'	Cours théorique + Encadrement	(S)
Selatnia Khaled	Architecte d'Etat	Doctorat en Sciences + Habilitation Universitaire	Maître de Conférences 'A'	Cours théorique + Encadrement	2 23 3 3 - 3 3
Dakhia Azzedine	Architecte d'Etat	Doctorat en Sciences + Habilitation Universitaire	Maître de Conférences 'A'	Cours théorique + Encadrement	- d'
Berkouk Djihed	Architecte d'Etat	Doctorat L.M. D + Habilitation Universitaire	Maître de Conférences 'A'	Cours théorique + Encadrement	
Boukhabla Moufida	Architecte d'Etat	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	AR
Merad Yacine	Master Architecture	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	4
M'sellem Houda	Architecte d'Etat	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	
Sekhri Adel	Architecte d'Etat	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	Coll
Mezerdi Toufik	Architecte d'Etat	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	W

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects (MDPUA)

Nom, prénom	Diplôme graduation	Diplôme de spécialité (Magister, doctorat)	Grade	Type d'intervention	Emargement
Mekihel Khadidja	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	
Mahaya Chafik	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	all
Benchikha Lynda	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	6
Necira Hakima	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	WHO I
Boudoukha Ayoub	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	2
Kachef Sarah	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	
Belarbi Samia	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	and the second
Tibermacine Souheila	Architecte d'Etat	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	
Raiss Messaouda	Architecte d'Etat	Doctorat L.M. D	Maître Assistant 'B'	TD+TP	far

Visa du département

Visa de la faculté ou de l'institut

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects (MDPUA)

B-2 : Equipe pédagogique externe mobilisée pour la spécialité :

Nom, prénom	Etablissement de rattachement	Diplôme graduation	Diplôme de spécialité (Magister, doctorat)	Grade	Type d'intervention	Emargement
Hamadi Djamal	Université Mohamed KHIDER Biskra	Ingénieur en Génie Civil	Doctorat d'Etat	Professeur	Cours théorique	
Hefaidh Hadef	Université Mohamed KHIDER Biskra	Ingénieur en Gestion de risque	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD	- TOP
Ouannes Karima	Université Mohamed KHIDER Biskra	DES en Physique	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD	
Masmoudi Mounira	Université Mohamed KHIDER Biskra	Ingénieur en Génie Civil	Magister	Maître Assistant 'A'	Cours théorique + TD	2
Belkacem Mounia	Université Mohamed KHIDER Biskra	Ingénieur en Génie Civil	Magister	Maître Assistant 'A'	Cours théorique + TD	(N)
Yagoub Mohamed	Université Mohamed KHIDER Biskra	Ingénieur en Génie Civil	Magister	Maître Assistant 'A'	Cours théorique + TD	~
Hafidi Bachir	BET	Architecte d'Etat	Secteur Socio- économique	Professionnel	TD+TP	Halpedo
Fellah Youcef	BET	Architecte d'Etat	Secteur Socio- économique	Professionnel	TD + TP	- Eq
Nedjahi Mohammed	CTC – Est Biskra	Ingénieur en Génie Civil	Secteur Socio- économique	Directeur de CTC – Est Biskra	TD + TP	H

Visa du département

Visa de la faculté ou de l'institut

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects (MDPUA)

Page12 Academic year: 2022/2023

Nom, prénom	Etablissement de rattachement	Diplôme de spécialité (Magister, doctorat)	Grade	Type d'intervention	Emargement
Lahcen Bouzouaid	Université Mohamed Khider Biskra (GTU)	Doctorat L.M. D + Habilitation Universitaire	Maître de Conférences 'A'	Cours théorique + TD + Encadrement	63
Djamila Djaghrouri	Université Mohamed Khider Biskra (GTU)	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	Diff
Lamhanet Ali	Université Mohamed Khider Biskra (GTU)	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	AS
Bouchelouche Abdelghani	Université Mohamed Khider Biskra (GTU)	Doctorat en Sciences	Maître de Conférences 'B'	Cours théorique + TD + Encadrement	En E
Cherif Med lamine	Université Mohamed Khider Biskra (GTU)	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	
Seksaf Meniette Elnofoussse	Université Mohamed Khider Biskra (GTU)	Magister	Maître Assistant 'A'	Cours théorique + TD + Encadrement	
Aloui Naser	Entreprise de réalisation	Secteur Socio- économique	Professionnel	TP + Stage	
Nouari Chikh	Entreprise de réalisation	Secteur Socio- économique	Professionnel	TP + Stage	(4)
Alfaoua Chikh	Entreprise de réalisation	Secteur Socio- économique	Professionnel	TP + Stage	d'ulieu
Zaaboub Elhadj	Entreprise de réalisation	Secteur Socio- économique	Professionnel	TP + Stage	17
Afisa Hamid	Agence Foncière	Secteur Socio- économique	Directeur de l'Agence Foncière – Biskra	TP + Stage	
Boukersi, Mohamed	Direction des Equipements Publics DEP	Secteur Socio- économique	Directeur des Equipements Publics DEP	TP + Stage	
Elnayli A Mohamed	Direction DUAC	Secteur Socio- économique	Directeur DUAC	TP + Stage	
Amari Djaoued	Direction du Logement DL	Secteur Socio- économique	Directeur du Logement DL	TP + Stage	2

Al Wisa du département

Visa de la faculté ou de l'institut



Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects (MDPUA)

B-3: Overall summary of human resources:

Grade	Internal Workforce	External Workforce	Total
Teachers	06	01	07
Lecturers (A)	04	01	05
Lecturers (B)	15	05	20
Assistant Master (A)	41	05	46
Assistant Master (B)	01	00	01
other (explain, list,)	00	11	11
Total	67	23	90

B-4: Permanent support staff (indicate the different categories)

Grade	Effective
Administrator	04
Administrative assistant	04
Documentalist	
Administration agent	01
Versatile agent	
TS Computer Science	01
Total	10

6 – Specific material resources available

A- Educational Laboratories and Equipment: Sheet of existing educational equipment for the practical work of the planned training (1 sheet per laboratory)

Laboratory title:Computing center

Student capacity: 30

No.	Equipment title	Number	observations
01	Graphics station	01	
02	Microcomputers and complements	31	

Laboratory title:Educational laboratory of models, structures and construction materials Student capacity: 25

No.	Equipment title	Number	observations
01	Various construction and structural experimentation equipment	15	

Laboratory title: Physical experiment room

Student capacity: 30

No.	Equipment title	Number	observations
01	Heliodon	01	
02	Wind tunnel	01	
03	Thermohygrometer	01	
04	Lux meter	02	
05	Anemometer	01	

Laboratory title:LACOMOFA (search)

Student capacity: 30

No.	Equipment title	Number	observations
01	Various workstations	40	
02	Documentation center	01	
03	Physical environmental simulation software	03	

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page15 Page15

B- Terrains de stage et formation en entreprise : MASTER DEUXIEME ANNEE

Lieu du stage	Nombre d'étudiants	Durée du stage	
L'entreprise COSIDER	En fonction des promotions	225 heures	
La Direction de l'urbanisme de l'architecture et de la construction DUAC , Biskra-El Oued-Ouargla-Batna.	En fonction des promotions	225 heures 225 heures	
Direction du Logement DL , Biskra-El Oued-Ouargla-Batna.	En fonction des promotions		
Direction des Equipements publics DEP , Biskra-El Oued-Ouargla- Batna.	En fonction des promotions	225 heures	
Bureaux d'étude privés	En fonction des promotions	225 heures	
Entreprises de bâtiment tout corps d'état et travaux publique construction	En fonction des promotions	225 heures	
Collectivités locales	En fonction des promotions	2 25 heures	

C- Laboratoire(s) de recherche de soutien au master :

Chef du laboratoire	
N° Agrément du laboratoire	
Date: le 24/05/22 · Avis du chef de laboratoire :	أ.د:بن عباس مصّلة

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

D- Master's support research project(s)*:

Title of the research project	Code of Project	D. beginning Of the project	End date Of the project

^{*}other projects have been established and are in the process of being approved for the period 2018-2023.

E- Personal work spaces and ICT

- 28 drawing workshop rooms.
- 26 TD rooms.
- 01 Amphi 300 Seats (courses).
- 01 Amphi 180 Seats (classes).
- 02 Amphis 130 Seats (classes).
- 01 Computer room with capacity of 31 Microcomputer (for CAD and CAD work).
- Videoconferencing room (Home Cinema, Plasma, rear projectors, DVD player etc.).
- Internet room.
- Specialized documentation center.
- Reprography room.
- Topography Room.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)



(Please present the forms for the 4 semesters)

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page18 Page18

SEMESTER ORGANIZATION SHEETS FOR THE MASTER MANAGEMENT OF URBAN AND ARCHITECTURAL PROJECTS

SEMESTER 1

Teaching unit	VHS	Weekly VH					Coef	Credits	Evaluation (%)	
	14-16 Weeks	VS	T.D.	TP	Project	Total			Continuous	Exam
Fundamental EU							10	18		
Subject 1: ARCHITECTURAL AND URBAN PROGRAMMING	45:00	1H30	1H30			3:00	3	5	50	50
Subject 2: PROJECT MANAGEMENT 1	45:00	1H30	1H30			3:00	3	5	50	50
Subject 3: PROJECT 1	90:00				6:00 a.m.	6:00 a.m.	4	8	100	0
EU Methodology							5	9		
Subject 1: MANAGEMENT IT 1	45:00			3:00 a.m.		3:00	2	3	100	0
Subject 2: SPECIFICATIONS AND MARKETS	45:00	1H30	1H30			3:00	2	3	50	50
Subject 3: COMMUNICATION MANAGEMENT	45:00	1H30	1H30			3:00	1	3	50	50
EU Discovery / Transversal							3	3		
Subject 1: URBAN PLANNING	10:30 p.m.	1H30				1H30	1	1	0	100
Subject 2: REGULATIONS AND LAW	10:30 p.m.	1H30				1H30	1	1	0	100
Subject 3: ENGLISH 1	10:30 p.m.	1H30				1H30	1	1	0	100
Total Semester 1	382H30	10:30 a.m.	6:00 AM	3:00	6:00 a.m.	25:30	18	30		

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

SEMESTER 2

Tooching unit	VHS	VHS Weekly VH					a a efficient	Credits	Evaluation method (%)	
Teaching unit	14-16 Weeks	VS	T.D.	TP	Project	Total	coefficient	Credits	Continuous	Exam
Fundamental EU							9	18		
Subject 1: PROGRAMMING AND PROJECT MANAGEMENT	45:00	1H30	1H30			3:00	3	5	50	50
Subject 2: PROJECT MANAGEMENT 2	45:00	1H30	1H30			3:00	2	5	50	50
Subject 3: PROJECT 2	90:00				6:00 a.m.	6:00 a.m.	4	8	100	0
EU Methodology							5	9		
Subject 1: MANAGEMENT IT 2	45:00			3:00		3:00	2	4	100	0
Subject 2: COST CONTROL	45:00	1H30	1H30			3:00	2	3	50	50
Subject 3: METHODOLOGY OF RESEARCH	10:30 p.m.	1H30				1H30	1	2	0	100
EU Discovery / Transversal							3	3		
Subject 1: URBAN MANAGEMENT	45:00	1H30	1H30			3:00	1	1	50	50
Subject 2: TEAM MANAGEMENT	10:30 p.m.	1H30				1H30	1	1	0	100
Subject 3: ENGLISH 2	10:30 p.m.	1H30				1H30	1	1	0	100
Total Semester 2	382H30	10:30 a.m.	6:00 a.m.	3:00	6:00 a.m.	25:30	18	30		

^{*}Other additional work

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page20 Page20

SEMESTER 3

Teaching unit	VHS	VHS Weekly VH					Coef.	Credits	Evaluation method (%)	
	14-16 Weeks	VS	T.D.	TP	Project	Total	Coei.	Credits	Continu ous	Exam
Fundamental EU							9	18		
Subject 1: PROJECT MANAGEMENT 3	45:00	1H30	1H30			3:00	3	5	50	50
Subject 2:RISK CONTROL	45:00	1H30	1H30			3:00	2	5	50	50
Subject 3: PROJECT 3	90:00				6:00 a.m.	6:00 a.m.	4	8	100	0
EU Methodology							5	9		
Subject 1: MANAGEMENT IT 3	45:00			3:00		3:00	2	3	100	0
Subject 2: RESOURCE MANAGEMENT HUMAN	10:30 p.m.	1H30				1H30	1	2	0	100
Subject 3: QUALITY MANAGEMENT	10:30 p.m.	1H30	1H30			3:00	1	3	50	50
Subject 4: SPECIAL CONSTRUCTIONS	10:30 p.m.	1H30				1H30	1	1	0	100
EU Discovery / Transversal							3	3		
Subject 1: DATA ANALYSIS	10:30 p.m.	1H30				1H30	1	1	0	100
Subject 2: STARTUP AND ENTREPRENEURSHIP	10:30 p.m.	1H30				1H30	1	1	0	100
Subject 3: ENGLISH 3	10:30 p.m.	1H30				1H30	1	1	0	100
Total Semester 3	382H30	12:00 p.m.	4:30	3:00	6:00 a.m.	25:30	18	30		

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page21

SEMESTER 4:

Teaching unit	VHS		Weekly VH			00.	~	Evaluation method (%)		
	14-16 Weeks	VS	T.D. Seminar	TP Internship	Project	Total	coefficient	Credits	Continuous	Exam
Fundamental EU							10	18		
Subject 1: Dissertation AND FINAL PROJECT	90:00				6:00	6:00	10	18	100	0
STUDYS	70.00				a.m.	a.m.	10	10	100	· ·
EU Methodology							6	9		
Subject 1: COMPANY INTERNSHIP	240Н00			4:00 p.m.		4:00	6	9	100	0
Subject 1. Committee in the little in the li	2-101100			4.00 p.m.		p.m.			100	•
EU Discovery / Transversal							2	3		
Subject 1: SEMINARS	10:30		1H30			1H30	2	3	100	0
Subject 1. SEIVIII VARS	p.m.	11130	11130		11130		3	100	U	
Total Semester 4	352H30		1H30		9:00	10:30	18	30	100	0
Total Delitester 4	3321130		11130		p.m.	p.m.	10	30	100	U

5- Overall summary of the training: (indicate the separate global VH in progress, TD, for the 04 semesters of teaching, for the

different types of EU)

V.H.	UEF	EMU	UED/UET	Total
Course	180H00	180H00	225H00	585H00
T.D.	180H00	90:00	7:30 p.m.	289H30
TP	0:00	135 p.m.	0:00	135 p.m.
Project	360H00	0:00	0:00	360Н00
Internship in company	0:00	240H00	0:00	240H00
Seminars	0:00	0:00	10:30 p.m.	10:30 p.m.
Total	720H00	622H30	289H30	1632H00
Credits	71	34	15	120
% in credits for each EU	60%	28.33%	12.5%	100%

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page22

IV – Detailed program by subject (1 detailed sheet per subject)

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects (MDPUA)

SEMESTER 1

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page24 Page24

Identification of the teaching subject

Title: ARCHITECTURAL AND URBAN PROGRAMMING

Teaching unit: UEF

Number of Credits: 5 Coefficient: 3 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

- Mathematics. Statistics. Planning. Management. Economy. Finance;
- Mastery of the concept of architectural and urban project;
- Knowledge of the design process;
- Knowledge of quality tools and value analysis, of various analysis methods.

General objective of the teaching subject:

The objective is to define and implement programmatic approaches to the works from a decision-making perspective: pre-operational study, opportunity and feasibility studies, programming-design adjustments, ex-post project evaluation ..., on the one hand and to identify systems of actors in a project dynamic, to organize participatory and concerted programmatic systems on the other hand.

Learning Objectives: the student must be able to:

- Clearly define the project and its feasibility: the pre-program;
- Formulate your order: the program;
- Follow your order: program/project adequacy;
- Develop a specific program for each operation while respecting its phasing;
- Clearly distinguish the various phases of the programmatic approach, perceive the issues and prioritize requests,
- Define the content of the program document, the contractual tool of the order, thus determining the relationships between principal and designer,

Content of the teaching subject

1. Public works order

- Public procurement actors
- **Types of programs:**
- Financing procedures
- Municipal development plans

2. Qualitative programming of public works

- The programmatic approach (theory and practice).
- Concerted and participatory programmatic approaches.
- ❖ The quality of public construction
- Public Construction Specification
- Programming studies
 - Pre-operational studies
 - Formulation of the request

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page25 Page25

- Operational studies
- Feasibility studies
- The pre-program
- Types of programming
- ♦ Demography, a determining element in the programming approach
- ❖ Programming in the design process (program: sketch, APD, APS)
- Regulations for the quality of production
- The standards and technical requirements of a work
- Programming tools
- 3. The job of programmer

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- **❖ BERGER Patrick, NOUHAUD Jean-Pierre (2004),** The city is our only future. HIDDEN SHAPES OF THE CITY, Presses Polytechniques et Universitaires Romandes, Paris
- **CHAMPY Florent**(1998), Architects and public order, Ed. PUF, Paris
- **CHAINTREAU Anne Marie and GASCUEL Jacqueline** (2000), Your buildings from A to Z, Ed. From the bookstore circle, Paris.
- **Henry Provost** (1994), Project management: from design to operation of industrial achievements.
- **❖ MOLLARD Claude (1922)**, DESIGN CULTURAL FACILITIES, Ed. Moniteur, Paris.
- * MIQCPIntegrate maintenance into the design of public buildings, Ed. Monitor
- ❖ Interministerial mission for the quality of public constructions (2001), ROGRAMMING OF PUBLIC CONSTRUCTIONS. Ed. LE MONITEUR, Paris,
- **❖ Tapie Guy**(2000), The Architects; Changes in a profession, Ed. l'Harmattan, Paris.
- * CONAN. Michael (1990), Designing an architectural project, Ed l'Harmattan, Paris.
- **❖ LEBAHAR Jean Charles (1983),** ARCHITECT'S DRAWING, Graphical simulation and reduction of uncertainty, Ed. Parenthesis, France.
- ❖ COX. Oliver(1968), Brief making in action, in Northern architect,
- **♦ HAUMONT Bernard**(2000), The challenges of engineering in Europe, in Cahiers RAMAU n°1, de la Villette, Paris,
- ❖ SASSI BOUDEMAGH Souad (2006), Evolution of the architectural profession, for legitimization of expertise, State doctoral thesis, Department of Architecture of Constantine.
- **❖** Law n°90/21 of 15/8/1990, relating to public accounting.
- **❖ Decree n°98/227 of 13/7/1998,**relating to State equipment expenditure.
- **❖** The interministerial decree of May 15, 1988;
- **❖ Executive Decree No. 93/57 of February 27, 1993** relating to State equipment expenditure, modifies and supplements
- **Law No. 10-02 of 16 Rajab 1431 corresponding to June 29, 2010,** approving the National Territorial Development Plan.
- **Executive Decree No. 91-177 of May 28, 1991,** the procedures for developing and approving the Land Use Plan.
- **Executive Decree No. 91-178 of May 28, 1991,** the procedures for developing and approving the Land Use Plan.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page26 Page26



Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page27 Page27

Identification of the teaching subject

Title: PROJECT MANAGEMENT 1

Teaching unit: UEF

Number of Credits: 5 Coefficient: 3 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

- Knowledge of legislation, planning, scheduling, management, economics, statistics, and quality;
- Technical knowledge relating to the urban and architectural project;
- Proficiency in using computer tools and software.

General objective of the teaching subject:

Acquire the skills necessary to manage a project and master its different aspects.

Learning Objectives:

- Acquire the skills of a manager "planning, budgeting and steering";
- Know the different project management systems and standards;
- Master the architectural and urban project process and its implementation
- Know the role of the project manager,
- Use project management tools:
 - Establish a progress plan with a management tool;
 - Establish a development plan, prepare management decisions;
 - Establish a monitoring dashboard;
 - Estimate costs and durations of a project;
 - Match knowledge (theoretical) and know-how (practical).
- Structuring, ensuring and optimizing the smooth running of a project.

Content of the teaching subject

- ❖ Introduction to Project Management and Basic Definitions
 - Project;
 - -Project life cycles;
 - -Project management;
 - -Technical organization chart;
 - -The different types of schedules;
- General principles of project management;
- **❖** Management Tools ;
- Project management standards.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page28 Page28

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ AÏM Roger(2013), The essentials of project management, Ed. Lextenso, Paris.
- ❖ Wendy BRINER Michael GEDDES Colin HASTINGS, The project manager: a leader,
- ❖ Ed. AFNOR.
- ❖ Michel JOLY Jean-Louis MULLER, From project management to project management,
- ❖ Ed. AFNOR.
- ❖ **J. Davidson FRAME**, *The new project management*, Ed. AFNOR.
- ❖ Olivier d'HERBEMONT Bruno CESAR, The lateral project strategy, Ed. DUNOD.
- ❖ Jon KATZENBACH Douglas SMITH, *High performance teams*, Ed. DUNOD.
- **Robert J. GRAHAM,***Project management as if people mattered*, Primavera Press.
- * R. Meredith BELBIN, Management Teams: Why they succeed or fail, Butterworth Heinemann.
- ❖ Project Management Institute, PMBoK Project Management Body of Knowledge ISO 10006 standard.
- **Examples of project management systems (practical).**
- ❖ NERE Jean-Jacques(2014), Project management, ed. Itcis, Algiers, 127 p.
- ❖ JONCHERAY Hélène & SURUN Emmanuel(2011), BA-BA of management, ed. Vocatis, Paris, 186 p.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Identification of the teaching subject

Title: PROJECT 1
Teaching unit: UEF

Number of Credits: 8 Coefficient: 4 Total weekly hourly volume: 6 hours

Course (number of hours per week): 0H00
Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 6 hours

Description of the teaching subject

Prerequisites: Mastery of reading and representation tools, technical knowledge relating to the field of architecture and construction, verbal expression, mastery of concepts surrounding the project and its details, terrain, site, organization, implementation

General objective of the teaching subject: Bring together all the lessons provided within the training and allow a convergence of knowledge, a cross-checking of information and a synthesis of acquisitions. As well as putting the student in a global vision situation: from planning to programming an urban or architectural project.

Learning Objectives: Mastery of the process of undertaking an urban or architectural project.

Content of the teaching subject

I. Thematic approach

- Theme: definition, generalities, ...
- Urban planning: definitions, history, evolution, importance...
- Planning in relation to the theme: Objectives, strategy, instruments, scale, types, infrastructures, etc.
- Requirements, standards, standardization of discipline/thematic planning in relation to sustainable development, technological and digital development.

II. Sectoral approach

- Planning strategy for the sector concerned
- Nomenclature and characteristics of sector infrastructures
- Presentation of the areas of intervention of the management concerned
- Organization of the management concerned
- Development programs and types of programs in the sector concerned;
- Method of financing projects in the sector concerned;
- Analysis of financial laws;
- Internal and external actors involved in the registration of sector projects
- Registration procedure (equipment commitment circuit) and collection of project registration materials: sheets, assessment, program authorization, etc.

III. Analytical approach "Case study"

- General presentation of the case study and book examples
- Urban Diagnosis
- Architectural Diagnosis
- Official program of the case study and examples (functions and surfaces of spaces)
- Spatial-functional organization charts of the case study.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page30 Page30

Evaluation methods

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

- ❖ Nathalie BONNEVIDE and Yannick GUILLIEUX(June 2008), Programming awareness guide, Discover the benefits of programming and get involved in the process, Interministerial mission for the quality of public constructions
- ❖ Ministry of the Interior, Communication and Publication Center (2012), Urban and Architectural Programming of municipal public facilities for administrative, social, cultural and sporting use, Municipal Development Plan collection, Morocco
- ❖ Ministry of Culture, Department of Prospective Studies of Documentation and Informatics (2008) STANDARDIZATION OF INFRASTRUCTURES AND CULTURAL EQUIPMENT, Algeria.
- **❖** Ministry of Housing and Urban Planning, Directorate of Housing Programs and Real Estate Promotion (2007), FUNCTIONAL AND TECHNICAL REQUIREMENTS. Algeria
- Law No. 10-02 of 16 Rajab 1431 corresponding to June 29, 2010, approving the National Territorial Development Plan.
- **Sectoral schemes**: higher education, education, transport, etc.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page31 Page31

Identification of the teaching subject

Title: MANAGEMENT COMPUTER 1

Teaching unit: UEM

Number of Credits: 3 Coefficient: 2 Total weekly hourly volume: 3 hours

Course (number of hours per week): 0H00Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 3 hours

Description of the teaching subject

Prerequisites:

- Mathematics :
- Planning;
- Know how to use office software.

General objective of the teaching subject:

At the end of the year the student will be able to master the basic techniques and principles to effectively manage projects with MS Project and Oracle Primavera.

Learning Objectives:

To be able to:

- Create projects;
- Structuring and controlling projects;
- Have models and tools for rapid implementation;
- Configure the project;
- Establish a progress report over time and costs.

Content of the teaching subject

Part 1: MS Project (Reminders)

- Tasks, links and durations;
- Calendars;
- Resource and cost management;
- Project monitoring;

Part 2: Primavera

- I. Oracle Primavera Software Overview
- II. Project management
 - II.1. Creation of companies and subsidiaries
 - II.2. The organizational structure of the OBS company
 - II.3. Software settings (language, display, tools)
 - II.4. Creation of the project
 - II.4.1. Default settings
 - II.4.2. Division of the project into WbS
 - II.5. Calendars
 - II.6. Creating tasks
 - II.6.1. The different task parameters.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page32 Page32

Evaluation methods

Nature of control	Weighting in (%)
Exam	0
Continuous	100
Total	100

References & Bibliography

- ❖ a3i, "Level 1 training, Basic project management and getting started with Primavera tools"
- Fery Safaria, "Primavera step by step", training program, hard competency June 2010
- ❖ Oracle, "P3 to P6 professional migration guide Release 8.3" March 2013
- ❖ Oracle, "P6 professional User's Guide Release 8.3" March 2013
- https://docs.oracle.com/cd/E63016_01/P6_Pro_Users_Guide/html/
- helpmain.htm?toc.htm?considerations_when_importing_p3_projects.htm
- ❖ PROJECT PLANNING AND SCHEDULING USING PRIMAVERA® P6TM, For all industries including Version 4 to 7, Planning and Progressing Project Schedules With and Without Roles and Resources, in an Established Enterprise Environment, by PAUL EASTWOOD
 - HARRIS,http://eastwoodharris.com/DL/SC/100504_P6_V7_Sample_Ch_8,13.pdf
- ❖ A. Kastor, K. Sirakoilos (2009), The effectiveness of resource leveling tools for Resource Constraint Project Scheduling Problem, International journal of project management, Volume 27, Issue 5, July 2009, Pages 493-500
- Primavera P6 Video Courses, https://www.planacademy.com/courses/
- Primavera P6 Foundations Course, https://www.udemy.com/learn-primavera-p6-in-30-minutes/
- ❖ primavera 6 (P6) course: Lesson-01 General Idea,https://www.youtube.com/watch?v=vWRBI39-fCA

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page33 Page33

Identification of the teaching subject

Title: SPECIFICATIONS AND PROCEEDINGS

Teaching unit: UEM

Number of Credits: 3 Coefficient: 2 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Knowledge of: the architectural and urban project process, the contracting parties, the administrative framework, programming, regulations, management, economics, finance, construction site, planning.

General objective of the teaching subject: mastery of the process of awarding studies and works contracts.

Learning Objectives: (from 3 to 6 Lines, only include the objectives that you evaluate)

The student must master:

- The procedure and process of an urban or architectural project, from the launch of the operation to its closure;
- The development of specifications;
- Evaluation of offers;
- The settlement of a contract (payment terms, deposits, retentions and guarantees).

Content of the teaching subject

Chapter 1: General notions on the regulations of the public procurement code

- Definition
- Importance
- Evolution and history of public procurement law in Algeria.
- Principles of the public procurement code.
- Thresholds for adopting a market procedure
- Purpose of public procurement:

Chapter 2: Actors and contracting service

- Procurement method and modalities;
- Control instances

Chapter 3: Project specifications

Chapter 4: Draft contract **Chapter 5**: Specifications **Chapter 6**: CONTRACT

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page34 Page34

References & Bibliography

**

- **François Xavier AJACCIO** (2013), Risks and disputes in private works contracts, practical guide. Edition CSTB,
- ❖ REGULATION OF PUBLIC PROCUREMENT, Presidential Decree No. 02-250 of 07-24-2002. Presidential Decree No. 10-236 of 28 Chaoual 1431 corresponding to October 7, 2010 regulating public procurement. Presidential Decree No. 15-247 of 2 Dhou El Hidja 1436 corresponding to September 16, 2015 regulating public procurement and public service delegations.
- ***** The town planning code,
- ★ The labor code, The environmental code,
- **❖ The legislative decree**No. 94-07 of 8/05/94. JO N°32 OF 05/24/94, relating to the conditions of architectural production and the exercise of the profession of architect,
- **♦ The executive order**No. 14-139 of 20 Journada Ethania 1435 corresponding to April 20, 2014 requiring companies, groups of companies and groups of companies involved in the realization of public contracts in certain sectors of activity to be holders of the professional qualification and classification certificate (JO n°26 of 05/07/2014).

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page35 Page35

Title: COMMUNICATION MANAGEMENT

Teaching unit: UEM

Number of Credits: 03 Coefficient: 01 Total weekly hourly volume: 03:00

Course (number of hours per week): 01h30
Tutorials (number of hours per week): 1.5 hours
Practical work (number of hours per week): 00:00

Description of the teaching subject

Prerequisites: Mastery of Arabic and foreign languages; French and English, basic notions of communication and its process, knowledge of sociology.

General objective of the teaching subject: The content of the subject allows a deep understanding of the fact that organizational issues and the successful evolution of projects can be understood through organizational communication processes. Due to the fact that communication is an economic and financial parameter, an investment, a capital asset of the company and that in the management of organizations, internal as well as external communication, is a function in its own right, it requires real knowledge -do to be effective, constituting the objective of the subject.

Learning Objectives: Acquire the following skills:

- Communicate well within an organizational system;
- Analyze the communication situation, define the stakeholders and their communication needs;
- Define the objectives, the target audience, the communication axis,
- Establish a communication strategy, determine the means, the budget, develop the message;
- Develop a communication plan by specifying the objectives according to the context, situation and given environment, method, channels, frequencies and level of detail;
- Implement a communication plan, manage it, monitor it and evaluate the results.

Content of the teaching subject

The content of the course describes by dissecting it, organizational communication (institution, organization, company, etc.) as well as all of its processes, while emphasizing the fact that the The role of the manager is to shape the communication strategy, express it and share it, because communication is the technique capable of supporting the company's development dynamic, a strategic management lever. The course aims to build knowledge and know-how relating to organizational communication in business in a context of project management as well as projects.

- Introductory course / Different types of communications
- * Business communication methods and models
- Communication channels and feedback analysis
- Management through communication
 - Strategic plan and communication plan/communication strategy
- ❖ The communications plan
 - o PC prerequisites
- ❖ The different forms of the communication plan

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page36 Page36

- The audit, first step of the communication plan.
- ❖ The audit, first step of the communication plan
- * Know the role of the actors/analysis methods
- ❖ Define the purpose of the communication
- Choose the communication method
- Messages, targets and means
- Implement/Manage and monitor the communication plan
- Plan by target
- Plans related to a project or event

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- Christian MICHON, Management and internal communication: the six dimensions that must be considered, "communication and organization" review, 5 | 1994: Internal communication:
 a cross-approachhttps://journals.openedition.org/communicationorganization/1713.
- ❖ Christian REGOUBY, Global communication, Ed. D'organization, 1988.
- ❖ Giordano, Y.(2006). "Organizing is Communicating: the founding role of communication in organizing by K. Weick", in D. Autissier & F. Bensebaa, The challenges of Sensemaking in business, Economica.
- ❖ Huët, R and Loneux, C.(2011). "Corporate social responsibility, ethics and communication" in S.Grosjean&L.Bonneville Organizational communication: approaches, processes and issues, CHENELIÉRE ÉDUCATION. P 281-309.
- ❖ Monnoyer-Smith L., Communication and deliberation: technological issues and citizen changes, Paris, Hermès, 2010.
- ❖ Patrick d'HUMIERES, Corporate communication management, Eyrolles, Paris, 1993.
- ❖ Thierry LIBAERT, The Communication Plan, ed DUNOD, Paris, 3rd edition 2008, 5th edition 2017.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page37 Page37

Title: URBAN PLANNING

Teaching unit: UED

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

Course (number of hours per week): 1.5 hours
Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Mastery of the French language is required and a good capitalization of the knowledge already required.

General objective of the teaching subject: This subject aims to expand the student's field of interest in urban project management.

Learning Objectives: (from 3 to 6 Lines, only include the objectives that you evaluate)

The main objectives are:

- Give the student a theoretical knowledge base essential to urban culture
- Understand and identify the most important theories of urban planning.
- Know the main definitions of the city as well as the different factors that contribute to its formation.
- The aim of this approach is to help the student understand the importance of so-called operational town planning and its implementation.

Content of the teaching subject

I. HISTORICAL APPROACH TO THE URBAN.

Course 01: TOWN PLANNING: DEFINITIONS AND INTRODUCTIVE ELEMENTS

Course 02: Advent of Urban Planning

Course 03: The urban phenomenon: from village to city

Course 04: Urbanization or the coherent development of cities

Course 05: Urban planning and sustainable development

Course 06: Foundation and logic of Arab-Islamic cities "an architecture without an architect »

II. POLITICAL APPROACH TO URBAN.

Course 07: the urban fact in Algeria

Course 08: The role of local authorities in local development in the era of reforms

Algeria.

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page38 Page38

References & Bibliography

- **❖ Françoise Choay**; Urban planning utopia or reality
- **❖ Maouia Saïdouni**, 2000: "Introductory elements to town planning, history, methodology, regulations". Ed, Casbah.
- **❖ Tony Garnier**, Industrial city, Study for the construction of cities, reed Philippe Sers / Vilo, Paris 1988
- * The construction of cities, by Charles-Edouard Jeanneret, (The Age of Man, 1992).
- ❖ Le Corbusier, The Radiant City, Editions de l'Architecture d'Aujourd'hui, Paris 1935.
- ❖ Project cited by Aldo de Poli, in Americanism and modernity, dir JL Cohen and H. Damisch, EHESS/Flammarion, Paris 1993 p229
- ❖ Picon-Lefebvre Virginie(dir), "Modern public spaces, situation and proposals", Le Moniteur, Paris 1997
- **❖ Philippe Panerai and David Mangin**, "urban project"
- ❖ Merlin Pierre, Urban planning, What do I know / PUF, 1991
- ❖ Jean-Louis Huot (dir) "The new town, an idea of antiquity"
- ❖ Xavier Malverti and Pierre Pinon"The regular city, models and layouts
- Pierre Lavedan "Geography of cities"
- ❖ **Donzelot J.**, "Making society, USA-France city policy", threshold, 2003
- ❖ Panerai, Philippe; Depaule, Jean-Charles; Demorgon, Marcelle, Elements of urban analysis
- ❖ Jean-Jacques Pluchart: "Management of major projects", 2016
- **❖ Micheline Declerck and Monique Bélanger**: "Project management in practical sheets", 2012.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page39 Page39

Title: REGULATIONS AND TOWN PLANNING LAW

Teaching unit: UED

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

Course (number of hours per week): 1.5 hoursTutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: The student must first have knowledge of legislation, administrative and regulatory framework for the exercise of the profession and practice in the field of construction and town planning and a mastery of the Arabic and French languages.

General objective of the teaching subject:

Mastery of the regulations governing the act of building, land, the standards and laws governing the different types of land and real estate transactions.

Learning Objectives: The student must:

- Master all the administrative and technical parameters to take into account to assess the needs and formulate in the form of a request to be interpreted into an order and translated into a program, in compliance with regulations.
- Know the regulatory requirements to identify the requirements of the specifications established by the mastersof works;
- Facilitate control missions.

Content of the teaching subject

All aspects of regulations, construction insurance, liability, land laws, drafting of contracts.

FEASIBILITY OF AN OPERATION:

1. Regulation of the right to build:

- -Urban planning easement;
- -National town planning regulations;
- -Land use plan;
- -Local town planning rules-local town planning plans;
- -Concerted development zones;
- -Communal cards;
- -Public utility easements (heritage conservation, use of certain resources and equipment, easements relating to national defense, easements relating to health and public safety);
- -General principles of private law easements;
- -Easements resulting from the location of the premises;
- -Legal easements (property, neighborhood, passage, etc.);
- II. General principles of planning authorizations;
- III. Purpose and application charges for the building permit;
- IV. Presentation of the building permit application;
- V. Instruction, decision and implementation of the building permit.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page40 Page40

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

- ❖ REGULATION OF PUBLIC PROCUREMENT, Presidential Decree No. 02-250 of 07-24-2002. Presidential Decree No. 10-236 of 28 Chaoual 1431 corresponding to October 7, 2010 regulating public procurement. Presidential Decree No. 15-247 of 2 Dhou El Hidja 1436 corresponding to September 16, 2015 regulating public procurement and public service delegations.
- ***** The town planning code,
- The labor code, The environmental code,
- **♦ The legislative decree**No. 94-07 of 8/05/94. JO N°32 OF 05/24/94, relating to the conditions of architectural production and the exercise of the profession of architect,
- ❖ The executive orderNo. 14-139 of 20 Journada Ethania 1435 corresponding to April 20, 2014 requiring companies, groups of companies and groups of companies involved in the realization of public contracts in certain sectors of activity to be holders of the professional qualification and classification certificate (JO n°26 of 05/07/2014).

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page41 Page41

Title: ENGLISH 1
Teaching unit: UET

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

Course (number of hours per week): 1.5 hoursTutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Have studied English or have practiced it in a professional setting.

General objective of the teaching subject:

Allow students to master the active vocabulary and common expressions of international project management, from the development phase to deployment, including the leadership and coordination of a multicultural team.

Learning Objectives:

Acquire a basic lexicon in the field of project management and improve understanding and expression, both written and oral. To this end, a revision of certain grammatical notions will be carried out, according to needs and requests.

Content of the teaching subject

Race 1:Project Management Principles

Race 2: What Can You Expect to Encounter "Out There"?

Race 3:Conditional types: 0, 1, and 2

Race 4:Project Management: The Process Context

Race 5: Passive voice

Race 6: Communication Skills and the Project Manager

Race 7: Double conjunctions.

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

- **Gary R. Heerkens**, (2002), Project Management: McGraw-Hill.
- **Paul Newton**, (2015), Principles of Project Management.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page42 Page42

SEMESTER 2

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page43 Page43

Title: PROGRAMMING AND PROJECT MANAGEMENT

Teaching unit: UEF

Number of Credits: 5 Coefficient: 3 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: The student must have:

- Knowledge relating to work programming;
- Knowledge of the design process, knowledge of the project's contracting partners,
- A mastery of the concept of architectural and urban project, management, economics, finance, construction site, and planning, in sociology, finance, management,
- Varied analysis methods, knowledge of quality tools and value analysis. Knowledge of mathematics and statistics is fundamental.
- General objective of the teaching subject: The teaching of this subject aims to: Define the general and legal framework of project management;

Provide the student with all the information relating to the accomplishment of tasks relating to project management and allow him to master the role of the authorizing officer from the emergence of the need or idea until the successful completion of the project (reception and closing), and even exploitation

Learning Objectives: the student must be able to:

- Meet the needs of the project owner and his assistance by deepening the First Idea and taking into account the different issues of the projects;
- Master the architectural order process
- Manage contracts with companies and businesses;
- Secure the legal and financial compliance of projects;
- Optimize the operation and maintenance of equipment;
- Specify the need by translating it into an order and formalizing it into a program;

Content of the teaching subject

- ❖ Definition of project management.
- Legislation relating to project management.
- * Roles of project management according to the life cycle of the construction project.
- * Responsibilities of the project owner according to the life cycle of the construction project.
- Project management stakeholders.
- Project management structures.
- ❖ MOA financing methods.
- Organization / assembly of a building construction operation.
- **❖** Work programming

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page44 Page44

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- **❖ BERGER Patrick, NOUHAUD Jean-Pierre** (2004), *The city is our only future. HIDDEN SHAPES OF THE CITY*, Presses Polytechniques et Universitaires Romandes, Paris
- **CHAMPY Florent**(1998), Architects and public order, Ed. PUF, Paris
- **CHAINTREAU Anne Marie and GASCUEL Jacqueline** (2000), Your buildings from A to Z, Ed. From the bookstore circle, Paris.
- ❖ Henry Provost(1994), Project management: from design to operation of industrial achievements.
- ❖ MOLLARD Claude (1922), DESIGN CULTURAL FACILITIES, Ed. Moniteur, Paris.
- ❖ MIQCPIntegrate maintenance into the design of public buildings, Ed. Monitor
- ❖ Interministerial mission for the quality of public constructions (2001), ROGRAMMING OF PUBLIC CONSTRUCTIONS. Ed. LE MONITEUR, Paris,
- **❖ Tapie Guy**(2000), The Architects; Changes in a profession, Ed. l'Harmattan, Paris.
- ❖ CONAN. Michael (1990), Designing an architectural project, Ed l'Harmattan, Paris.
- **❖ LEBAHAR Jean Charles (1983),***ARCHITECT'S DRAWING, Graphical simulation and reduction of uncertainty*, Ed. Parenthesis, France.
- **COX** .Oliver(1968), Brief making in action, in Northern architect,
- **❖ HAUMONT Bernard**(2000), The challenges of engineering in Europe, in Cahiers RAMAU n°1, de la Villette, Paris,
- ❖ SASSI BOUDEMAGH Souad (2006), Evolution of the architectural profession, for legitimization of expertise, State doctoral thesis, Department of Architecture of Constantine.
- ❖ REGULATION OF PUBLIC PROCUREMENT, Presidential Decree No. 02-250 of 07-24-2002. Presidential Decree No. 10-236 of 28 Chaoual 1431 corresponding to October 7, 2010 regulating public procurement. Presidential Decree No. 15-247 of 2 Dhou El Hidja 1436 corresponding to September 16, 2015 regulating public procurement and public service delegations.
- **❖ Law n°90/21 of 15/8/1990,**relating to public accounting.
- ❖ Decree n°98/227 of 13/7/1998, relating to State equipment expenditure.
- **❖** The interministerial decree of May 15, 1988;
- **Executive Decree No. 93/57 of February 27, 1993** relating to State equipment expenditure, modifies and supplements
- **Law No. 10-02 of 16 Rajab 1431 corresponding to June 29, 2010,** approving the National Territorial Development Plan.
- **Executive Decree No. 91-177 of May 28, 1991,** the procedures for developing and approving the Land Use Plan.
- **Executive Decree No. 91-178 of May 28, 1991,** the procedures for developing and approving the Land Use Plan.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Title: PROJECT MANAGEMENT 2

Teaching unit: UEF

Number of Credits: 5 Coefficient: 2 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

- Knowledge of legislation, planning, scheduling, management, economics, statistics, and quality;
- Technical knowledge relating to the urban and architectural project;
- Mastery of using computer tools and software,

General objective of the teaching subject:

Acquire the skills necessary to manage a project and master its different aspects.

Learning Objectives:

- Acquire the skills of a manager "planning, budgeting and steering";
- Know the different project management systems and standards;
- Master the architectural and urban project process and its implementation
- Know the role of the project manager,
- Use project management tools:
 - Establish a progress plan with a management tool;
 - Establish a development plan, prepare management decisions;
 - Establish a monitoring dashboard;
 - Estimate costs and durations of a project;
 - Match knowledge (theoretical) and know-how (practical).
- Structuring, ensuring and optimizing the smooth running of a project.

Content of the teaching subject

- International standards;
- Project management in accordance with the PMBOK® Guide
 - the (10) detailed knowledge areas with application
 - the (05) Project Management Process Groups
- Preparation and presentation of a real project.

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page46 Page46

References & Bibliography

- ❖ AÏM Roger(2013), The essentials of project management, Ed. Lextenso, Paris.
- ❖ Wendy BRINER Michael GEDDES Colin HASTINGS, The project manager: a leader,
- **&** Ed. AFNOR.
- ❖ Michel JOLY Jean-Louis MULLER, From project management to project management,
- ❖ Ed. AFNOR.
- ❖ **J. Davidson FRAME**, *The new project management*, Ed. AFNOR.
- ❖ Olivier d'HERBEMONT Bruno CESAR, The lateral project strategy, Ed. DUNOD.
- ❖ Jon KATZENBACH Douglas SMITH, High performance teams, Ed. DUNOD.
- **Robert J. GRAHAM,***Project management as if people mattered*, Primavera Press.
- * R. Meredith BELBIN, Management Teams: Why they succeed or fail, Butterworth Heinemann.
- ❖ Project Management Institute, PMBoK Project Management Body of Knowledge ISO 10006 standard.
- **Examples of project management systems (practical).**
- ❖ NERE Jean-Jacques(2014), Project management, ed. Itcis, Algiers, 127 p.
- ❖ JONCHERAY Hélène & SURUN Emmanuel(2011), BA-BA of management, ed. Vocatis, Paris, 186 p.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page47 Page47

Title: PROJECT 2
Teaching unit: UEF

Number of Credits: 8 Coefficient: 4 Total weekly hourly volume: 6 hours

Course (number of hours per week): 0H00Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 6 hours

Description of the teaching subject

Prerequisites: Mastery of reading and representation tools, technical knowledge relating to the field of architecture and construction, verbal expression, mastery of concepts surrounding the project and its details, terrain, site, organization, implementation

General objective of the teaching subject:

This module aims to bring together all the lessons provided within the training, allow a convergence of knowledge, a cross-checking of information and a synthesis of acquisitions. As well as putting the student in a global vision situation: Towards qualitative programming of equipment.

Learning Objectives:

- Mastery of the equipment programming approach;
- The development of the surface and functional program of durable equipment

Content of the teaching subject

I. Thematic approach

- 1- Definition of programming
- 2- Programming objectives
- 3- Programming tools
- 4- The scales of programming
- 5- Programming approaches in the era of sustainable development
- 6- Diagnosis: definition, types, objectives, etc.
- 8- Diagnostic tools
- 9- Reference frameworks for programming requirements for durable equipment

II. Sectoral approach

- 1. The demographic parameters of the sector concerned
- 2. The spatial parameters of the sector concerned
- 3. Sector programming instruments
- 4. Programming indices and ratios of the sector concerned

III. Analytical approach

- The urban programmatic approach:
 - o Estimated population in the short and medium term;
 - Determination of deficits and needs;
 - Choice of land
 - o Summary table, ...
- **Urban Diagnosis:** Identifying faults
- The architectural programmatic approach: "Functional and surface requirements for qualitative architectural programming"
 - o Presentation of the case study: description and composition
 - o Presentation and bookish examples

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page48 Page48

- Official program (functions and surfaces of spaces)
- Spatial-functional organization (by major function + comments)
- Architectural diagnosis
 - Analysis grids;
 - Ergonomic of two subspaces
- Risk analysis
- Evaluation of services

Summary:

- o Schematization of the current state and simulation of a ground plan and spacesdiagnosed
- Action plan writing,
- Proposal for a guide/charter, grid, requirements for durable equipment

Evaluation methods

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

- ❖ Ministry of Urban Planning and Construction (1989), THEORETICAL GRID OF EQUIPMENT. PROJECT. National center for studies and applied research in urban planning.
- ❖ Nathalie BONNEVIDE and Yannick GUILLIEUX(June 2008), Programming awareness guide, Discover the benefits of programming and get involved in the process, Interministerial mission for the quality of public constructions
- ❖ Ministry of the Interior, Communication and Publication Center (2012), Urban and Architectural Programming of municipal public facilities for administrative, social, cultural and sporting use, Municipal Development Plan collection, Morocco
- ❖ Ministry of Culture, Department of Prospective Studies of Documentation and Informatics (2008) STANDARDIZATION OF INFRASTRUCTURES AND CULTURAL EQUIPMENT, Algeria.
- **❖ Ministry of Housing and Urban Planning, Directorate of Housing Programs and Real Estate Promotion (2007),** FUNCTIONAL AND TECHNICAL REQUIREMENTS. Algeria
- Law No. 10-02 of 16 Rajab 1431 corresponding to June 29, 2010, approving the National Territorial Development Plan;
- **Sectoral schemes**: higher education, education, transport, etc.;
- ❖ ERNEST NEUFERT: THE ELEMENTS OF CONSTRUCTION PROJECTS. Ed; DUNOD
- ❖ Urban planning instruments: PDAU and POS, case studies;
- * Examples of local and bookish equipment.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page49 Page49

Title: MANAGEMENT COMPUTER 2

Teaching unit: UEM

Number of Credits: 4 Coefficient: 2 Total weekly hourly volume: 3 hours

Course (number of hours per week): 0H00
Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 3 hours

Description of the teaching subject

Prerequisites:

- Mathematics;
- Planning;
- Know how to use office software.

General objective of the teaching subject:

At the end of the year the student will be able to master the basic techniques and principles to effectively manage projects with MS Project and Oracle Primavera.

Learning Objectives:

To be able to:

- Create projects;
- Structuring and controlling projects;
- Have models and tools for rapid implementation;
- Configure the project;
- Establish a progress report over time and costs.

Content of the teaching subject

Continuation of Semester 1: Primavera:

- II.7. Adding resources
 - II.7.1. Resource allocation
 - II.7.2. The phenomenon of over-allocation
 - II.7.3. Automatic and manual resource smoothing
 - II.8. Free and total margins
 - II.9. Critical paths/tasks
 - II.10. The expenses
 - II.11. Documents and paperwork/electronic products
 - II.12. Filters and displays
- III. Time and cost control
 - III.1. Creating references
 - III.2. Project update
 - III.3. The acquired value
 - III.4. Reports

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page50 Page50

Nature of control	Weighting in (%)
Exam	0
Continuous	100
Total	100

References & Bibliography

- ❖ a3i, "Level 1 training, Basic project management and getting started with Primavera tools"
- FerySafaria, "Primavera step by step", training program, hard competency June 2010
- ❖ Oracle, "P3 to P6 professional migration guide Release 8.3" March 2013
- ❖ Oracle, "P6 professional User's Guide Release 8.3" March 2013
- https://docs.oracle.com/cd/E63016_01/P6_Pro_Users_Guide/html/
- helpmain.htm?toc.htm?considerations_when_importing_p3_projects.htm
- ❖ PROJECT PLANNING AND SCHEDULING USING PRIMAVERA® P6TM, For all industries including Version 4 to 7, Planning and Progressing Project Schedules With and Without Roles and Resources, in an Established Enterprise Environment, by PAUL EASTWOOD
 - HARRIS, http://eastwoodharris.com/DL/SC/100504_P6_V7_Sample_Ch_8,13.pdf
- ❖ A. Kastor, K. Sirakoilos (2009), The effectiveness of resource leveling tools for Resource Constraint Project Scheduling Problem, International journal of project management, Volume 27, Issue 5, July 2009, Pages 493-500
- Primavera P6 Video Courses, https://www.planacademy.com/courses/
- Primavera P6 Foundations Course, https://www.udemy.com/learn-primavera-p6-in-30-minutes/
- ❖ primavera 6 (P6) course: Lesson-01 General Idea,https://www.youtube.com/watch?v=vWRBI39-fCA

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page51 Page51

Title: COST CONTROL Teaching unit: UEM

Number of Credits: 3 Coefficient: 2 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

Prior knowledge in general economics, quantity surveying, construction site components, phases of building construction, planning, scheduling, regulations and legislation, mathematics, statistics, IT.

General objective of the teaching subject:

- Mastery of the economic aspect in the project process;
- Mastery of concepts: estimation, evaluation, forecasting, programming from a financial and economic point of view;
- Cost control in the project assembly process.

Learning Objectives:

Being able to quantify the completion of a project, a work or a work element and subsequently calculate the cost of the work unit (for example the cost of 1m² of the residential building) and the cost price of the elements produced. Mastery of methods for estimating and evaluating the costs of resources (humans, materials, transport, etc.) used to complete an entire project.

Content of the teaching subject

- Basic definitions and terminology;
- Profitability method;
- Project economics;
- Cost estimate;
- Information, input, output of cost evaluation;
- Visualization and representation;
- Analysis and decision making
- "S-shaped dependency" curve
- "Commitments-Dependency" curve
- Budget monitoring of a project:
 - o The three characteristic curves;
 - The forecast completion curve at the start of the project;
 - The actual realization curve at a given time t;
 - The curve of technical advancement;
 - o Interpretation of the three curves.
- Price sub-detail technique
- Technique for sub-detailing the price of materials delivered to the site and stored

Sub-detail technique of material prices

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page52 Page52

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ Yves WIDLOECHER and David CUSANT: Price study manual PRICE Construction companies. 3rd edition EYROLLES;
- Gérard CASANOVA Denis ABECASSIS: Project management cost calculations. http://creativecommons.org/licenses/by-nc-nd/2.0/en/;
- ❖ Bernard THION: Value, price and valuation methods in real estate. Paris 9-Dauphine University;

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Titled: RESEARCH METHODOLOGY

Teaching unit: UEM

Number of Credits: 2 Coefficient: 1 Total weekly hourly volume: 1.5 hours

Course (number of hours per week): 1.5 hoursTutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

Have knowledge of:

- Mathematics;
- Statistics;
- Word processing (Word, Excel, etc.)

Language mastery.

General objective of the teaching subject: Apply the scientific approach to research.

Learning Objectives:

At the end of the course, the learner will be able to:

- Master the elements constituting the scientific approach;
- Carry out all stages of the scientific process:
 - Define a research problem;
 - Choose a research method and technique related to the defined problem;
 - Build a data collection instrument according to the chosen research method and technique;
 - Carry out data collection with the constructed instrument;
 - Analyze the data collected;
 - Interpret research results;
 - Write the research report.

Content of the teaching subject

- I. The characteristics of a scientific approach;
- II. The stages of a research process;
- III. The definition of a subject:
 - o Elaboration of the problem;
 - o Goals;
- IV. Research methods and techniques;
- V. Search, evaluate and use information;
 - Scientific watch;
- VI. The plan and schedule;
- VII. The data collection:
 - o Design a questionnaire;
 - o Conduct a research interview;
- VIII. Thesis/dissertation writing using word processing;

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page54 Page54

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

ANGERS Mauritius(2015), Practical introduction to the methodology of the human sciences, ed. Casbah, Algiers, 428 p.

BEAU Michel(1999), The art of the thesis, ed. Casbah, Algiers, 172 p.

BOUCHAIBFaouzi (2002), Methodology guide (15 methodological rules, 30 answers to 30 questions, socio-economic survey techniques, 2 methodological illustrations), ed. Madani, Blida, 155 p.

BOUCHAIBFaouzi (2003), The scientific approach, ed. Madani, Blida, 150 p.

GUIDE Mathieu(2004), Research methodology: Guide for young researchers in literature, languages, human and social sciences, ed. Ellipses, Paris, 123 p.

KAUFMANN Jean-Claude(1996), The comprehensive interview, ed. Armand Colin, 126 p.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page55 Page55

Title: URBAN MANAGEMENT

Teaching unit: UED

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Mastery of the French language is required and a good capitalization of the knowledge already required.

- General objective of the teaching subject: In a context characterized by the evolution of environmental issues, quality and living environment approaches and city professions. This subject aims to introduce future project managers to intervene at the various scales of the sustainable city. From this perspective, she is interested in the evolution of urban practices and urban action as well as the deepening of knowledge relating to major urban renewal operations, major city projects and the tools for their implementation.

Learning Objectives:

- Develop in students skills of analysis, synthesis, critical reflection and anticipation when faced with the complexities of urban issues and the positions of stakeholders.
- Raise students' awareness of environmental issues, participatory democracy and the partnership approach.
- Prepare students for the demands of current professional practice by immersing them in the problems and challenges (political, financial, regulatory, etc.) of major urban development operations.
- Mobilize management knowledge to address broader issues such as urban planning.

Content of the teaching subject

PRACTICAL APPROACH TO URBAN: A NEW VISION OF URBAN TERRITORIES

Chapter 1: FROM MANAGEMENT TOWN PLANNING TO PROJECT TOWN PLANNING

Course 1: The urban project: context of emergence.

Course 2: The urban project: a culture of place and urban action

Course 3: Urban project and actors: implications on the chain of professions

Course 4: Implementation of the urban project: strategic principles for the management of urban projects

Knowledge exercise

Chapter 2: URBAN PLANNING AND LOCAL MANAGEMENT: A NEW VISION OF URBAN ACTION.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page56 Page56

Course 5: From the sprawling city to the renewed city: a renewal of city policies.

Course 6: Sustainable urban planning: towards a new paradigm of planning

Course 7: Audit and management of local authorities

Course 8: Democratic urban planning and citizen participation

Knowledge exercise

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ Françoise Choay; Urban planning utopia or reality
- ❖ Maouia Saïdouni, 2000: "Introductory elements to town planning, history, methodology, regulations". Ed, Casbah.
- ❖ Tony Garnier, Industrial city, Study for the construction of cities, reed Philippe Sers / Vilo, Paris 1988
- * The construction of cities, by Charles-Edouard Jeanneret, (l'Age d'Homme, 1992).
- ❖ Le Corbusier, The Radiant City, Editions de l'Architecture d'Aujourd'hui, Paris 1935.
- ❖ Project cited by Aldo de Poli, in Americanism and modernity, dir JL Cohen and H. Damisch, EHESS/Flammarion, Paris 1993 p229
- ❖ Picon-Lefebvre Virginie (dir), "Modern public spaces, situation and proposals", Le Moniteur, Paris 1997
- ❖ Philippe Panerai and David Mangin, "urban project"
- ❖ Merlin Pierre, Urban planning, What do I know / PUF, 1991
- ❖ Jean-Louis Huot (dir) "The new town, an idea of antiquity"
- ❖ Xavier Malverti and Pierre Pinon "The regular city, models and layouts
- Pierre Lavedan "Geography of cities"
- ❖ Donzelot J., "Making society, USA-France city policy", Threshold, 2003
- ❖ Panerai, Philippe; Depaule, Jean-Charles; Demorgon, Marcelle, Elements of urban analysis
- ❖ Jean-Jacques Pluchart: "Management of major projects", 2016
- ❖ Micheline Declerck and Monique Bélanger: "Project management in practical sheets", 2012.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page57 Page57

Title: TEAM MANAGEMENT

Teaching unit: UED

Number of Credits: 01 Coefficient: 01 Total weekly hourly volume: 1.5 hours

Courses (number of hours per week):1H30
Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Amastery of the French language, management concepts, as well as the fundamentals of communication.

General objective of the teaching subject: In this course, the student discovers the true role of the manager as a leader within a team. He learns to know his role in helping teams to better experience the complexity of work situations, to focus on emotion as a strategic skill.

Learning Objectives:

- Learn the following skills:
 - > Emotional intelligence;
 - > Situational intelligence;
- Acquire the following skills:
 - Form a work team;
 - ➤ Identify obstacles to team success and overcome them;
 - Manage teams as a servant leader, coach and mentor;
 - Manage meetings and conflicts;
 - > Coordinate teams among themselves;
 - Manage performance and evaluate it.

Content of the teaching subject

The material, through its content, develops all the elements constituting the role of a manager wearing the hat of Servant leader. This being a company actor responsible for the management and development of work teams with a view to achieving performance and efficiency objectives. It links strategic objectives to daily work practices. Its functions define the modes of collaboration and collective action, the methods of resource management and the methods allowing objectives to be achieved through the management of individuals and teams while also managing conflicts.

- Introductory course/team work
- Obstacles to team success

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page58 Page58

- The basics of team success
- Form a work team
- Meeting management
- Distribution of team work
- Leader, Coach, Mentor, Servant, Leader
- The team within the company
- Team management in project management
- Conflict management
- Stress and burnout
- Maintain harmony within the team
- Measure performance

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

- ❖ LIBAERT Thierry(2008), The Communications Plan. Define and organize your communication strategy, ed. DUNOD.
- ❖ LICETTE Charline(2012), Mastering Public Speaking, ed. StudyramaPro, 149 p.
- **❖ BRETON Philippe, PROULX Serge**(2000), The explosion of communication, ed. Casbah, Algiers, 320 p.
- **❖ BRETON Philippe**(2000), The utopia of communication: the myth of the global village, ed. Casbah, Algiers, 169 p.
- ❖ GUIDE TO THE CORPUS OF KNOWLEDGE IN PROJECT MANAGEMENT
 - o (PMBOK® GUIDE) Sixth edition;
- ❖ PHILIPPE RAMONDOperational Management Direction and Animation of teams. MAXIMA, Paris 2004.
- **Stakeholder power analysis**. International Institute for Environment and
- ❖ Development. 2005.
- http://www.er.uqam.ca/nobel/r20014/methodologie/AnalPar.PDF
- ♦ http://www.fao.org/Participation/french website/content/partie extra fr.html

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page59 Page59

Title: ENGLISH 2
Teaching unit: UET

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

Course (number of hours per week): 1.5 hoursTutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Have studied English or have practiced it in a professional setting.

General objective of the teaching subject:

Allow students to master the active vocabulary and common expressions of international project management, from the development phase to deployment, including the leadership and coordination of a multicultural team.

Learning Objectives:

Help students acquire the necessary information in their field in English and achieve a satisfactory level of success in their university studies. Prepare students for longer and more difficult tasks in their relevant area of study and help them develop their communication skills in general and reading comprehension in particular.

Content of the teaching subject

Race 1: How Projects Should Evolve

Race 2: Conducting a Closed Meeting

Race 3: Modal verbs

Race 4: The Unspoken Imperative: Evaluate the Political Environment

Race 5: An Overview of Planning Race 6: Concessional clauses

Race 7: An Introduction to Estimating

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

- ❖ Gary R. Heerkens, (2002), Project Management: McGraw-Hill.
- ❖ Guidelines for Managing Projects, How to organize, plan and control projects, (2010): Crown
- **❖ Turner, J. Rodney**, (1992), The Handbook of Project-Based Management. New York: McGraw-Hill.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page60 Page60

SEMESTER 3

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page61 Page61

Title: PROJECT MANAGEMENT 3

Teaching unit: UEF

Number of Credits: 5 Coefficient: 03 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Identification of the teaching subject

Prerequisites:

- Knowledge of legislation, planning, scheduling, management, economics, statistics, and quality;
- Technical knowledge relating to the urban and architectural project;
- Mastery of using computer tools and software,

General objective of the teaching subject:

Acquire the skills necessary to manage a project and master its different aspects.

Learning Objectives:

- Acquire the skills of a manager "planning, budgeting and steering";
- Know the different project management systems and standards;
- Master the architectural and urban project process and its implementation
- Know the role of the project manager,
- Use project management tools:
 - Establish a progress plan with a management tool;
 - Establish a development plan, prepare management decisions;
 - Establish a monitoring dashboard;
 - Estimate costs and durations of a project;
 - Match knowledge (theoretical) and know-how (practical).
- Structuring, ensuring and optimizing the smooth running of a project.

Content of the teaching subject

- Reminder of basic definitions and concepts;
- Implementation of operational methods and tools;
- Approach by design pattern;
- Innovation management.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page62 Page62

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ AÏM Roger(2013), The essentials of project management, Ed. Lextenso, Paris.
- ❖ Wendy BRINER Michael GEDDES Colin HASTINGS, The project manager: a leader,
- . Ed. AFNOR.
- ❖ Michel JOLY Jean-Louis MULLER, From project management to project management,
- ❖ Ed. AFNOR.
- ❖ **J. Davidson FRAME,***The new project management*,Ed. AFNOR.
- ❖ Olivier d'HERBEMONT Bruno CESAR, The lateral project strategy, Ed. DUNOD.
- ❖ Jon KATZENBACH Douglas SMITH, High performance teams, Ed. DUNOD.
- * Robert J. GRAHAM, Project management as if people mattered, Primavera Press.
- **R. Meredith BELBIN,***Management Teams: Why they succeed or fail*, Butterworth Heinemann.
- ❖ Project Management Institute, PMBoK Project Management Body of Knowledge ISO 10006 standard.
- **Examples of project management systems (practical).**
- ❖ NERE Jean-Jacques(2014), Project management, ed. Itcis, Algiers, 127 p.
- **❖ JONCHERAY Hélène & SURUN Emmanuel**(2011), BA-BA of management, ed. Vocatis, Paris, 186 p.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Title: RISK CONTROL Teaching unit: UEF

Number of Credits: 5 Coefficient: 2 Total weekly hourly volume: 3 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: mastery of project phasing, knowledge of costs, quality and deadlines

General objective of the teaching subject:control of risks, forecasting and anticipation and ability to resolve problems, assistance with decision-making, mastery of how to behave in risky situations.

Learning Objectives:

activities, based on the requirements of the ISO/DIS 9001:2015 standard in terms of risk management.

The objective set during this module is to help students to be able to control the risks linked to project

Content of the teaching subject

Definition of risk.

Identification and characterization of risks.

Risk assessment (quantification).

Risk reduction

Determine the risks to follow.

Capitalize on experiences.

- The importance of risk assessment;
- Risk assessment methods:
 - Definition of FMEA;
 - Implementation of the methodology:
 - The risk identification phase;
 - The risk assessment phase;
 - Risk treatment:
 - Risk management.
- Towards the risk approach
- Information, input, output of a project risk assessment
- Visualization and representation
- Analysis and decision making.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page64 Page64

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ [1] "FD ISO GUIDE 73 Risk management Vocabulary". Afnor, December 2009.
- ❖ [2] "NF ISO 31000 Risk management Principles and guidelines". Edition Afnor, Jan-2010.
- ❖ [3] Curaba Sandra, Jarlaud Yannick, and Curaba Salvatore, risk assessment: how to develop your unique document?, Afnor. France, 2009.
- ❖ [4] K. JADID, Y. ELKHAYAT, and L. ZHAO, "Business risk management in relation to the ISO/DIS 9001:2015 standard", University of Technology of Compiègne, Master in Quality and Performance in Organizations (QPO),
- ❖ [5] Trong Hung NGUYEN, contribution to project planning: proposal of a model for evaluating project risk scenarios doctoral thesis from the University of Toulouse Sep 2011.
- ❖ [6] Marques, G. Risk management to help manage cooperation within a supply chain: a simulation approach. Doctoral thesis, National Polytechnic Institute of Toulouse, December. 2010.
- ❖ [7] D. BREYSSE, H.NIANDOU, M. CHAPLAIN, F. JABBOUR P. Identification of risks for construction projects: review of international practices and proposals, 19th French Mechanical Congress, Marseille, August 24-28, 2009.
- ❖ [8] HENRI-PIERRE MADERS AND JEAN-LUC MASSELIN, Managing the risks of a project; Eyrolles Group, 2009.
- ❖ [9] DANIELLE MAISONNEUVE risk communication a new challenge; Presses de l'Université du Québec 2005.
- ❖ [10] JEAN LE RAY, From risk management to risk management, AFNOR 2015 edition.
- ❖ [11] YVES METAYER. LAUREBCE HIRSCH; First steps in risk management. AFNOR edition, 2007.
- ❖ [12] BERNARD BARTHELEMY AND PHILIPPE COURREGES risk management global optimization method Éditions d'Organisation, 2000, 2004.
- ❖ [13] IFACI, PRICEWATERHOUSECOOPERS, LANDWELL, Enterprise risk management, Reference framework, application techniques, Éditions d'Organisation, 2005.
- ❖ [14] Pascal Kerebel Risk management Editions d'Organization

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Title: PROJECT 3
Teaching unit: UEF

Number of Credits: 8 Coefficient: 4 Total weekly hourly volume: 6 hours

Course (number of hours per week): 0H00Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

• Workshop: 6:00 a.m.

Description of the teaching subject

Prerequisites:

- VSTechnical knowledge relating to the field of town planning, architecture and construction, verbal expression, mastery of the concepts surrounding the project and its details, terrain, construction site, organization, implementation. So the student must have:
 - Maturity of reflection on the project;
 - The quality of the oral presentation is recommended.
 - Knowledge of project management processes;
 - Knowledge of the legislative and regulatory system governing the urban and architectural domain;

General objective of the teaching subject:

- Working in project mode through the application of acquired urban or architectural project management methods.

Learning Objectives: (from 3 to 6 Lines, only include the objectives that you evaluate)

This subject aims:

- Improve the managerial knowledge necessary for the professional profile of the manager.
- Develop a managerial attitude towards the project situation: anticipate coordination, manage tasks, schedules, deadlines, material, human and financial resources efficiently and optimally.
- And be able to overcome the constraints of project realization and execution.

Content of the teaching subject

LThe second year of the professional master's degree in Urban and Architectural Project Management is developed in two areas:

1. Project Management

Sheoffers learners the opportunity to complete their initial training with professionalization in the field of project management.

It is intended to be a link with the socio-economic world where the learner will have the opportunity to apply knowledge, skills, tools and techniques of project management through their insertion into the

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page66 Page66

professional environment and case studies and concrete examples. Indeed, project management is a concept which contains a whole set of tools and approaches applicable to satisfying a specific objective, within the framework of a well-defined task.¹.

Management of project therefore allows the implementation and completion of a project in accordance with precise standards and clearly defined guidelines. So, uA project is successful when the work delivered corresponds to the client's expectations.

The work of the second semester consists of the application of the managerial approach of the project on a concrete case study. The success of any project depends on the choice of method and tools used. However, managing a project means:

- ✓ Know the requirements of the project manager's job.
- ✓ Implement management methods and quality tools, targeting all levels of project management (strategic, operational).

A. The fundamentals of project management = INPUT DATA:

- a. Programming;
- b. Project management;
- c. Communication and team management;
- d. Management IT;
- e. Risk management;
- f. Innovation management; ...

B. Tools and techniques:

- a. Upgrading project management tools;
- b. Tools for visualizing results
- c. Identification methods (METRA, etc.);
- d. Risk assessment methods;
- e. Problem solving methods;
- f. The organization of projects (from a human resources point of view).

C. Working in project mode = **OUTPUT DATA**:

- a. Cost control;
- b. Quality control;
- c. Control of the deadline;
- d. Risk management.

2. Project planning

In the project, the planning phase proves to be the most strategic and the most determining, the results of which have a direct impact on the directions and scale of the project. An urban or architectural project generates considerable expenses and requires the involvement of a very large number of stakeholders. It must also be carried out within time and financial guidelines (the performance triangle), well defined and established according to the constraints identified as well as the resources available. This first phase will result in decisions and decisive data relating to the project's objectives, its content and its implementation parameters.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page67 Page67

¹Guide to the Project Management Body of Knowledge (PMBOK Guide) 4th edition.

The planning effort begins with a discussion among those who want the project. This first step, which is of crucial importance, must consist of a two-way exchange of ideas and information. The decision-maker and the user representatives must let the planner know what problems arise and what they want to achieve.

To begin, the planning team will need some basic information about the project. The planner must determine what is available and where it can be obtained, and identify individuals who can serve as a point of contact between the planning team, specialist agencies and the local community. The planner must also determine what essential data is not available, so that studies can be planned and costed. The range of information needed and its level of detail will vary depending on the level of planning.

Thus, the learner is asked, through an analytical approach to a real case study, to identify and analyze the project through its different phases in terms of procedures and processes since its registration (specifications, call for tenders, program authorization, award and award of contracts), its design and/or production until its closing and reception. At the end of this analysis, the learner will evaluate the level of compliance with the performance triangle "budget, deadline, quality", according to the following steps:

Step 1: Choice of project "Object of the work"

2nd step: Subject identification "Subject of work"

Through an analytical approach to a real case study, the learner must observe and analyze the project through its different phases in terms of procedures and processes since its registration (specifications, call for tenders, program authorization, award and award of contracts), its design and/or production until its closing and acceptance.

Step 3: Treatment of the subject:

At the end of the two stages, the lessons learned in comparison with the reference framework and national and book examples allow it to:

- o Take stock of what is done and what should be done;
- o Identify the problem of the case study project: inconsistencies, inadequacies or even failures;
- o Identify and locate the causes;
- Finally, make an estimate of the risks likely to disrupt the project's plan by trying to identify and evaluate the level of compliance with the performance triangle "budget, deadline, quality".
- And to quantify by methods the calculation of prevention and appearance of risks and also to make corrections and limit the impacts, so thatthe project is managed in a quality context.

Purpose of the semester

The semester is crowned by a presentation of the work in Power Point on Data-show, in addition to a Word document, for evaluation. All the content of the semester must be presented and explained and justified. It involves doing:

- General/problematic introduction
- Referential framework relating to the theme covered;
- Thematic approach: develop the theme in question in the world and in Algeria.
- Analytical approach:
 - o Presentation of the project in all its aspects;
 - o Genesis of the project from the idea to the current state of progress;
 - Lessons learned and issues from the case study;
 - o Comparative study with other similar projects;

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

- o Synoptic and summary table of the project.
- Conclusion: which closes the two approaches and draws out the elements of work that remain for the next semester.

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

- The documentation provided by students and supervisors varies according to the study cases and the themes developed.
- In addition to courses, seminars and books, it is important to gather all the documentation relating to the project such as: the market, call for tenders (study, monitoring and execution), minutes of judgment "opening of bids", letter of invitation. attribution, graphic documents, schedules,...

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page69 Page69

Title: MANAGEMENT COMPUTER 3

Teaching unit: UEM

Number of Credits: 4 Coefficient: 2 Total weekly hourly volume: 3 hours

- Courses (number of hours per week):
- Tutorials (number of hours per week):
- Practical work (number of hours per week): 3 hours

Description of the teaching subject

Prerequisites:

- Mathematics;
- Planning;
- Computer Assisted drawing;
- MSProject;
- Primavera.

General objective of the teaching subject:

At the end of the semester, the student will be able to understand and master the entire process of building information modeling (BIM).

Learning Objectives:

To be able to:

- Understand the principle of BIM;
- Acquire the necessary language relating to BIM;
- Identify the roles and responsibilities of BIM team members;
- Integrate new project management methods.

Content of the teaching subject

- The challenges of construction project management
- The emergence of Building Information Modeling (BIM)
- Definition of BIM
- The advantages of BIM
- The dimensions of BIM
- The collaborative BIM process
- BIM implementation:
 - Change management
 - Policies and strategies
 - BIM team members: roles and responsibilities
 - BIM maturity levels
 - BIM levels of detail
 - Norms, standards and processes:
 - Interoperability
 - The BIM charter
 - The BIM convention
 - The BIM protocol
 - The BIM execution plan

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page70 Page70

- Barriers to BIM implementation
- The synergy of BIM and new project management methods
 - BIM and Lean
 - BIM and Agile
 - BIM and Integrated Project Delivery
- BIM adoption levels around the world and in Algeria.

Nature of control	Weighting in (%)
Exam	0
Continuous	100
Total	100

References & Bibliography

CEFRIO. The inevitable transition to building information modeling (BIM) in the Canadian construction industry: synthesis of three experiments. Research summary and highlights. ISBN (PDF): 978-2-923852-41-6, March 2014, www.cefrio.qc.ca.

DELCAMBRE, Bertrand. Mission Digital Building. France, December 2014

DE MAESTRIAnnalisa (2017), First steps in BIM: The essentials in 100 pages, ed. Eyrolles, Afnor, Paris, 95 p.

GENERAL DIRECTORATE OF COMPANIES. Improve your performance using digital technologies. Methodological guide., France, July 2016 (www.entreprises.gouv.fr)

Eastman, C.M., Teicholz, P., Sacks, R., and Liston, K. (2008). BIM handbook: A guide to building information modeling for owners, managers, architects, engineers, contractors, and fabricators. Wiley, Hoboken, NJ

HARDIN, Brad; MC COOL, Dav e. BIM and construction management. Proven tools, methods, and workflows. Second Edition, Indianapolis, Indiana, Wiley, 2015

www.objectifbim.com

http://abcdblog.typepad.com/abcd/

https://msbim.estp.fr/

Autodesk(2015). A methodology to implement the BIM transformation of your activities

Autodesk(2014) BIM pilot project deployment guide

Mediaconstruct(2016). Methodological guide for BIM project agreements

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page71 Page71

Title: HUMAN RESOURCES MANAGEMENT

Teaching unit: UEM

Number of Credits: 2 Coefficient: 1 Total weekly hourly volume: 1.5 hours

- Course (number of hours per week): 1.5 hours
- Tutorials (number of hours per week):
- Practical work (number of hours per week):

Description of the teaching subject

Prerequisites: Sociology, administration, regulation, legislation.

General objective of the teaching subject:

Allow the student to equip themselves with concepts relating to professional behavior, master the data relating to the human component within the management process for optimization of management results.

Learning Objectives: (from 3 to 6 Lines, only include the objectives that you evaluate)

- Allow students to acquire knowledge and understanding of the issues in human resources management, on the managerial and legal levels; - Promote students' knowledge and understanding of the main human resources management practices, their issues, their risks, their advantages and their disadvantages; - Develop students' critical sense; - Lead students to independently and methodically search for the information necessary to analyze and resolve human resources management problems; - Accentuate students' teamwork skills.

Content of the teaching subject

- Principles of human resource management.
- Human resources and administration.
- Rights and obligations.
- Administration Code.

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page72 Page72

References & Bibliography

- PICHAULT F. and NIZET J. 2013, Human resources management practices. games, Conventions, contexts and actors' Paris, Seuil, coll. "Points/Economy" - FERRARY M. 2014, Human resources management. Between labor market and actors Paris, Dunod,, coll. "Management strategic, Human Resources" - PERETTI JM 2012. (Ed), Tous DRH, Paris, Eyrolles,

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page73 Page73

Title: QUALITY MANAGEMENT

Teaching unit: UED

Number of Credits: 3 Coefficient: 2 Total weekly hourly volume: 1.5 hours

• Course (number of hours per week): 1.5 hours

• Tutorials (number of hours per week): 1 hour 30 minutes

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites: Amastery of the French language, management concepts, as well as the fundamentals of quality tools.

General objective of the teaching subject: recall all management skills as well as those of quality tools to build integrated and up-to-date knowledge of quality management around the process approach.

Learning Objectives:(from 3 to 6 Lines, only include the objectives you are evaluating)

- Know the genesis of the concept of quality by mastering the concept's journey;
- Know the Quality gurus as well as their principles and contributions to Quality;
- Master the process approach and its benefits, as well as the characteristics of a process;
- Differentiate between management by processes and process management and their articulation;
- Master the Quality Management System;
- Master the different types of processes within an organization by distinguishing between them;
- Master the modeling and mapping of a process.

Content of the teaching subject

The content of this subject provides the genealogy of quality management and the quality management system, highlighting the main quality gurus with their principles, approaches and methods. The subject brings together all the knowledge relating to quality management and tools in a fundamental process approach to the quality management system.

- Introductory course/Quality management
- Quality Gurus
- Quality and process approach
 - o What is a process?
 - o The process approach
 - o Characteristics of a process
 - Interest in the process approach and implementation of a QMS
 - o Process management and process management
 - Classification and typology of processes
 - o Process modeling: BPMN
 - Concepts essential to BPMN
 - Pictograms for events and tasks
 - Modeling of sub-processes

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page74 Page74

Evaluation methods

Nature of control	Weighting in (%)
Exam	50
Continuous	50
Total	100

References & Bibliography

- ❖ AÏM Roger(2013), The essentials of project management, Ed. Lextenso, Paris.
- ❖ Wendy BRINER Michael GEDDES Colin HASTINGS, The project manager: a leader,
- ❖ Ed. AFNOR.
- ❖ Michel JOLY Jean-Louis MULLER, From project management to project management,
- . Ed. AFNOR.
- ❖ **J. Davidson FRAME,***The new project management*,Ed. AFNOR.
- ❖ Olivier d'HERBEMONT Bruno CESAR, The lateral project strategy, Ed. DUNOD.
- ❖ Jon KATZENBACH Douglas SMITH, High performance teams, Ed. DUNOD.
- **Robert J. GRAHAM,***Project management as if people mattered*, Primavera Press.
- **R. Meredith BELBIN,** *Management Teams: Why they succeed or fail*, Butterworth Heinemann.
- ❖ Project Management Institute, PMBoK Project Management Body of Knowledge ISO 10006 standard.
- **Examples of project management systems (practical).**
- ❖ NERE Jean-Jacques(2014), Project management, ed. Itcis, Algiers, 127 p.
- ❖ JONCHERAY Hélène & SURUN Emmanuel(2011), BA-BA of management, ed. Vocatis, Paris, 186 p.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Title: SPECIAL CONSTRUCTIONS

Teaching unit: UEM

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

- Courses (number of hours per week):1H30
- Tutorials (number of hours per week):
- Practical work (number of hours per week):

Description of the teaching subject

Prerequisites: All the knowledge necessary for the proper reading and interpretation of graphic and technical documents, construction, RDM, structure, GDP

General objective of the teaching subject: Expand the horizon of reflection on special projects, master certain prefabrication technologies, prepare to react to complex projects

Learning Objectives: The expected objective of this subject is to encourage students to think prospectively and creatively about new so-called special construction structure techniques, by very strongly incorporating the notions of economics "achieving: faster, more efficient, less cost, less risk", while ensuring a good level of construction quality.

This subject aims at the ability to assume all the responsibilities linked to the missions of manager of construction and urban development projects; where the use of non-standard structures is more and more frequent, and mastery of this type of construction is necessary, if not obligatory.

Content of the teaching subject

1st part: 1st part: lecture

- **I.** Introduction to structures (general).
- **II.** Specialized steel structures.
- **III.** Specialized mixed Steel-Concrete structures.
- IV. Specialized precast concrete structures.
- V. Specialized prestressing structures

2nd part: research project:

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page76 Page76

References & Bibliography

NF EN 10204 * Metal products - Types of control documents I d C: A 00-001 January 2005 NF EN 10025-1 * Hot-rolled structural steel products – Part 1.

Aleyda Resendiz-Vazquez The industrialization of buildings: the case of prefabrication in school construction in France, Conservatoire National des Arts et Métiers.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page77 Page77

Titled: DATA ANALYSIS Teaching unit: UED

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

- Course (number of hours per week): 1.5 hours
- Tutorials (number of hours per week):
- Practical work (number of hours per week):

Description of the teaching subject

Prerequisites:

Have knowledge of:

- Mathematics:
- Statistics;
- Word processing (Word, Excel, etc.)
- Language mastery.

General objective of the teaching subject:

At the end of the semester, the student will be able to carry out research work and master the entire process covering the different stages from the data collection and analysis phase to the writing of the report and decision-making.

Learning Objectives:

At the end of the course, the learner will be able to:

At the end of the semester, the student will be able to:

- Carry out the data collection process;
- Create a questionnaire;
- Analyze the information;
- Write a report;
- To take decisions

Content of the teaching subject

The program for this subject is structured around the following points:

- Introduction to the subject;
 - The data collection:
 - o Definition;
 - o Objectives of the collection;
 - Data collection tools;
 - Choice of tools;
 - Creation of data collection tools;
 - Data collection process;
- Fieldwork ;
- Data analysis: exploitation of the data collected (quantitative and qualitative)

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page78 Page78

- o SPSS software (quantitative data);
- o Nvivo software (qualitative data).

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

ALAMI Sophie, DESJEUX Dominique, GARABUAU-MOUSSAOUI Isabelle(2009), Qualitative methods, ed. Itcis, Algiers, 128 p.

DE SINGLY François(2016), The questionnaire, ed. Armand Colin, Paris, 127 p.

GHIGLIONE R. & MATALON B., Sociological surveys, ed. Armand Colin, Paris, 6th edition.

LEJEUNE Christophe(2014), Qualitative Analysis Handbook, ed. De Boeck, Brussels.

LESSARD-HEBERT Michelle, BOUTIN Gérald, GOYETTE Gabriel(1997), Qualitative research: foundations and practices, ed. De Boeck Superior, 124 p.

MARTINOlivier (2009), Quantitative data analysis, ed. Arman Colin, Paris, Collection: The investigation and its methods, 127 p.

MEYNAUD Hélène Y. & DUCLOS Denis(1998), Opinion polls, ed. Casbah, Algiers, 124 p. (Collection: Approach Guides)

PAUGAM S. (dir.), The sociological survey, Paris, PUF, chapters 4, 5, 12.

PIRET Anne, NIZET Jean & BOURGEOIS Etienne(1996), Structural analysis, ed. De Boeck, Brussels, 173 p.

YIN Robert K. (2014), Case Study Research: Design and Methods, ed. SAGE Publications, Fifth Edition, 312 p.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page79 Page79

Title: START-UP AND ENTREPRENEURSHIP

Teaching unit: UED

Number of Credits: 01 Coefficient: 01 Total weekly hourly volume: 1.5 hours

Courses (number of hours per week):1H30
Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

- Mathematics.
- Basic in Physics

General objective of the teaching subject:

The objective of this subject is to introduce students to entrepreneurship and the creation of start-ups, which can be represented as a journey made up of key stages: from the idea to the project, from the project to its realization.

Learning Objectives:

At the end of the semester, the student will be able to:

- Develop your start-up step by step
- Focus your efforts and your budget
- Develop a practical implementation of ideas and projects
- Present your project using start-up competition formats.

Content of the teaching subject

Chapter 01

- Understand the basics of entrepreneurship.
- Master the tools of successful entrepreneurs.
- Innovation and innovative business.

Chapter 02

- Evaluate the validity and feasibility of an innovative idea
- Go from idea to project thanks to an adapted business model
- Create a financial business plan
- Financing the innovative company and what are the criteria for investors

Chapter 03

- Start-up in Algeria
- Help and support for innovative ideas

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page80 Page80

Evaluation methods

Nature of control	Weighting in %
Exam	100
Total	100

References & Bibliography

- ❖ Boyer, A. Hirigoyen, G. Thépot. The fundamentals of business: Marketing, Production, Finance, Human Resources, Strategy, Ed. D'Organisation, 2004
- **Combemale, P.**Understanding the business, Armand Colin, 2005.
- **Edighoffer, Jean-René**. Business Management, Ed. Nathan, 2005.
- **Soparnot, R.**Business organization and management, Dunod, 2006.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page81 Page81

Title: ENGLISH 3
Teaching unit: UET

Number of Credits: 1 Coefficient: 1 Total weekly hourly volume: 1.5 hours

- Courses (number of hours per week):1H30
- Tutorials (number of hours per week):
- Practical work (number of hours per week):

Description of the teaching subject

Prerequisites: Have studied English or have practiced it in a professional setting.

General objective of the teaching subject:

Allow students to master the active vocabulary and common expressions of international project management, from the development phase to deployment, including the leadership and coordination of a multicultural team.

Learning Objectives:(from 3 to 6 Lines, only include the objectives you are evaluating)

Present the overall architecture of the project: from the initial phase to the conclusion, clearly specifying the different life cycles: what, with what means and at what pace.

Acquire functional English and the vocabulary used during project management, talk about the stages of the project.

Content of the teaching subject

Race 1: Those who succeed in Management are Great Leaders.

Race 2: The six phases of project management: Initiation Phase.

Race 3: The six phases of project management: Definition phase.

Race 4: The six phases of project management: Design phase.

Race 5: The six phases of project management: Development phase.

Race 6: The six phases of project management: Implementation phase.

Race 7: The six phases of project management: Follow-up phase.

Race 8: Passive voice.

Race 9: Reported speech.

Evaluation methods

Nature of control	Weighting in (%)
Exam	100
Total	100

References & Bibliography

- 1/ Henk Harmsen, (2006), Project Management Handbook: The Hague
- 2/ Chromatic and Diaz, T. Apandi (Ed.) (2003). Extreme Programming Pocket Guide. Sebastopol, CA: O'Reilly & Associates.
- 3/WWF Standards of Conservation Project and Program Management (PPMS) 2012

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page82 Page82

SEMESTER 4

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page83 Page83

Title: Dissertation AND END OF STUDY PROJECT

Teaching unit: UEF

Number of Credits: 18 Coefficient: 10 Total weekly hourly volume: 6 hours

Course (number of hours per week): 0H00Tutorials (number of hours per week): 0H00

• Practical work (number of hours per week): 0H00

Workshop: 6:00 a.m.

Description of the teaching subject

Prerequisites: Mastery of reading and representation tools, technical knowledge relating to the field of town planning, architecture and construction, verbal expression, mastery of concepts around the project and its details, terrain, site, organization, implementation implemented. So the student must have:

- Maturity in thinking about the project is absolutely essential.
- Mastery of the project situation (present the entire process).
- A mastery of management and project management
- A quality oral presentation is recommended.

General objective of the teaching subject:

Aiming to encourage learners to equip themselves with the specialized scientific and methodological tools necessary for their professional profile,

- Option1: Application of management methods and tools in the project.

Option2: Application of planning and scheduling methods and tools in the project

This semester completes the development of a rational mind and the development of an entrepreneurial attitude towards the project situation.

Learning Objectives: (from 3 to 6 Lines, only include the objectives that you evaluate)

This subject aims to:

- Bring together all the lessons provided within the training,
- Anticipation and coordination
- Allow convergence of knowledge, cross-checking of information and synthesis of acquisitions.
- As well as putting the student in a global vision situation in relation to the project in its various specificities.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page84 Page84

Content of the teaching subject

The student is asked:

- To initiate reflection on the conditions, methods and tools to be implemented to ensure the quality of the project;
- To propose guidelines for an optimal maturation process of the project;
- To develop a technique and method for quality presentation and communication between those involved in the project and guarantee its success.

Purpose of the semester:

This semester aims to answer the initial problem based on the data collected and produced during the previous semester. This is an educational framework which brings back to management or management. This management assumes a certain number of tasks to be carried out by all learners. It will therefore be necessary,

- Plan and organize the semester: establish a timetable in relation to the objectives to be achieved
- Direct, monitor and control the progress of students' work;
- And finally evaluate whether the objectives are achieved.

These are the stages of development of the work of the 4th semester.

The end-of-studies project will be culminated by a defense and a dissertation.

Evaluation methods

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

The bibliography varies depending on the projects and themes.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page85 Page85

Titled: COMPANY INTERNSHIP

Teaching unit: UEM

Number of Credits: 9 Coefficient: 6 Total weekly hourly volume: 4:00 p.m.

Course (number of hours per week): 0H00
Tutorials (number of hours per week): 0H00

• Practical work / Internship (number of hours per week): 4:00 p.m.

Description of the teaching subject

Prerequisites:

Knowledge relating to:

- Project actors
- Construction site;
- Project process
- All management skills.

General objective of the teaching subject:

The subject mainly aims to confront the student with the realities of the professional world (company and construction site, administration, project management and project management, etc.).

Learning Objectives:

At the end of the internship, the student will be able to:

- Moving from the student world to the professional world;
- Supplement theoretical lessons with practical applications;
- Have a global vision of the company/its structure and its activities;
- Develop communication skills and techniques (rigor, team spirit, project management and exchange of experience);
- Know the role of the different stakeholders in a construction operation;
- Know the different aspects of management of the host institution;
- Learn about the different skills necessary for the functioning of the professional environment;
- Confront the ambitions of the student with the demands of companies;
- Take initiatives and responsibilities in a professional setting;
- Create the first areas of interest in the curriculum vitae;
- Acquire in-depth knowledge of a sector of activity;
- Deepen knowledge of the profession of manager or planner/discover new professions;
- Assimilate practical knowledge;
- Master and understand the challenges of the missions entrusted;
- Face and resolve blockage and difficulty situations;
- Write a summary document.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page86 Page86

Content of the teaching subject

This subject consists of carrying out, by mutual agreement with the teacher, an internship in a professional environment.

The internship is an essential stage of the training course. It allows you to discover the professional world, it is a form of immersion in a professional environment.

The student is required to complete an end-of-cycle Master's internship for a period of 225 hours.

It allows them to put into practice the theoretical and methodological tools acquired during their training and to identify their skills. Also, the internship aims to prepare them for entry into working life, in particular through better knowledge of the professional world.

Internships have a direct influence on both training and recruitment. The experience during an internship can provide the intern with an opportunity to better understand their motivations, subsequently making it possible to better guide their professional choices. Being methodical allows the trainee to gain in quality, time, skills...and professionalism.

The internship is a professional experience with multiple advantages:

- The trainee represents the link between the training establishment and the professional world. Communication is thus established allowing the establishment to update the training and adjust it to professional demand.
- It is one of the means of recruiting and testing future employees for the company. The practical knowledge acquired will be useful to enhance the CV during the first job search.
- It allows you to better understand the professional world, to be part of the company, to find your way after professional experience.

> INTERNSHIP REPORT

- The trainee is required to establish a daily log (logbook).
- At the end of the internship, the trainee will present an internship report, retracing the activity or tasks carried out during the entire professional situation period: This is a report. This report must consist of:
 - 1. First part of the report: Company activity
 - 2. Second part of the report: Trainee activity
 - 3. Appendices: List of documents
- The internship report must be approved by those responsible for the host structures and evaluated by the supervisors responsible for monitoring the internship.

> THE INTERNSHIP AGREEMENT:

The Agreement must be established for each student, it is an essential document for carrying out an internship. Each internship period is the subject of an agreement concluded between three parties: the Project Management department, the host structure and the intern (student).

The host structures can be the project owner, the project manager, the construction company, local authorities, ministries, URBACO, etc.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page87 Page87

Evaluation methods

The in-company internship is culminated by a written report and a defense.

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

The bibliography varies depending on the projects and themes.

Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page88 Page88

Title: SEMINARS
Teaching unit: UED

Number of Credits: 3 Coefficient: 2 Total weekly hourly volume: 1.5 hours

• Course (number of hours per week): 0H00

• Tutorials/Seminars (number of hours per week): 1.5 hours

• Practical work (number of hours per week): 0H00

Description of the teaching subject

Prerequisites:

Knowledge relating to:

- Project actors
- Construction site;
- Project process
- All management skills.

General objective of the teaching subject:

- Deepening knowledge in the specialty area.

Learning Objectives:

The primary goal of seminar programming is to:

- Familiarize students with current events in the project management specialty (method, tools, processes, etc.), and allow them to debate and discuss in groups the practical problems that emerge during their training.
- Feedback
- Encourage learners (future professionals or researchers) to develop enthusiasm for management news, management and planning and scheduling of projects

Content of the teaching subject

This subject calls upon different specialists. They can be university teachers, researchers, experts or external professionals.

The contents of the interventions will focus on themes defined by the management team according to the need and necessity of the specialty and the themes covered by the students.

Evaluation methods

Nature of control	Weighting in (%)
Continuous	100
Total	100

References & Bibliography

To be defined by the teacher, seminarians and teachers.

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Academic year: 2022/2023

Page89 Page89

V- Agreements or conventions

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page90 Page90

APPENDIX 01

- AUTHORIZATION ORDERS

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page91 Page91

APPENDIX 02

- CURRICULUM VITAE

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Page92 Page92

VI - Opinions and Visas from Administrative and **Consultative Bodies**

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects Academic year: 2022/2023

Date et visa Date et visa Date et visa Out of the departement + Responsable de l'équipe de domaine Date et visa Out of the departement + Responsable de l'équipe de domaine Date et visa Out of the departement + Responsable de l'équipe de domaine Date et visa Out of the departement + Responsable de l'équipe de domaine Date et visa

Doyen de la faculté (ou Directeur d'institut)



Chef d'établissement universitaire

Date et visa

2 4 MAI 2022



Establishment: Mohamed KHIDER University – Biskra

Title of the master: Management of Urban and Architectural Projects

VII - NOTICE AND ENDORSEMENT OF THE REGIONAL CONFERENCE

(Only in the final version sent to the MESRS)

VIII - OPINION AND ENDORSEMENT OF THE NATIONAL EDUCATIONAL COMMITTEE OF THE DOMAIN

(Only in the final version sent to the MESRS)

Establishment: Mohamed KHIDER University - Biskra

Title of the master: Management of Urban and Architectural Projects

Establishment: Mohamed KHIDER University – Biskra Title of the master: Management of Urban and Architectural Projects (MDPUA)