



# ***Master Landscape, Territory and Patrimony***

»Higher School of Agronomical Sciences Chott Mariem «

**Tunisia  
August 2010**



**UR HPE**

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We kindly ask you to read the instructions carefully and represent data as much as possible in accordance with instructions that are written in *italic*.

Please write briefly, if you would like to give detailed explanations of particular item, you can attach it as enclosure.

Do not forget to sign the accreditation form and to put down the stamp.

If you have any additional questions, please contact [anica.novak@emuni.si](mailto:anica.novak@emuni.si) or [blanka.palcic@emuni.si](mailto:blanka.palcic@emuni.si).

## 1. Higher Education Institution

### 1.1. General information about the Higher Education Institution

(Fill in the table below):

<b>Full legal name</b>	Higher School of Agronomical Sciences Chott Mariem ISA Chott Meriem University of Sousse		
<b>Date of establishment</b>	1975		
<b>Legal Address Street - Number</b>	P.B 47 ,		
<b>Postcode</b>	4042	City sousse	
<b>Country</b>	Tunisia		

#### Legal representative Higher School of Agronomical Sciences Chott Mariem

Title	Professor	First name	A.Nouredinne
Family name	Hellal		
Function	University president, Rector		

The University of Sousse is created in August 1986 for the central region of Tunisia: Sousse, Monastir, Mahdia and Kairouan under the name "**University of Monastir**" (Law n°86-80 of August 9<sup>th</sup> 1986)

In 1991: the name was changed to « **University of the Center** » referring to its location in the center of the country. (Decree n°91-1999 of December 31<sup>st</sup> 1991)

In September 2004 the name has been changed to « **University of Sousse** » (Decree n° 2004-2115 of September the 2<sup>nd</sup> 1991)

**For the present academic year 2008-2009, the university includes 16 higher education institutions:**

- 03 universities
- 03 higher education schools
- 10 institutes
- 33 408 students

#### **Academic staff:**

- 870 Professors
- 843 Assistants, Experts ...

#### **Administrative staff: 633**

*Accreditation form for study programmes of EMUNI University, that are already accredited according to the »National« Legislation in Euro-Mediterranean countries (February 2009)*

### Scientific Research:

- 56 Units of research
- 04 Units of common service to the research
- 01 Doctoral school

### Fields

- Engineering and computer science
- Energy and Environment
- Arts and Humanities
- Economics and Management
- Law and Social Science
- Medical and Biological Science

Title	Professor	First name	Tijani
Family name	Mehouachi		
Function	Professor General Director		

#### *Short description of HEI (history, units, locations, number and type of employees):*

The Higher School of Agronomical Sciences Chott Mariem (H.S.A.S.C.M.) is an institution dedicated to the training of professionals in Horticultural Sciences, Sciences of planning and landscape, Engineering Systems Horticultural and Animal Production. H.S.A.S.C.M. is striving to be in tune with new directions for teaching and research in the field of horticulture, landscape and environment. In this context, this postgraduate training is focusing on a Master degree programme entitled "Landscape, Territory and Patrimony" (L.T.P). This training in the field of landscape consists of wide range of work opportunities generating real opportunities for research in terms of deepening knowledge and practices of landscape enrichment in relation to the environment.

Among the reasons which strongly support the initiation of this Master (LTP), are the following:

- The Higher School of Agronomical Sciences Chott-Mariem is characterized by a radiant location in the heart of Tunisia's Sahel climate, particularly suited for postgraduate studies Master Landscape, Territory and Patrimony. This training will provide a basis for open wide prospects for research, development and employment of graduates in this area with a Mediterranean regional specificity associated with an international and globalization perspective through the Inter-university cooperation.
- Training of trainers in this discipline is very important and urgent unquestionably, given the current and projected needs of university teachers working in this discipline,
- The training combines complementary additions with scientific depth using a multi-faceted approach that integrates several components: the landscape in relation to patrimony and the environment.

### 1.2. Information about the coordinator of the study programme

Title	Doctor	First name	Hichem
Family name	Rejeb		
Function in HEI	Director of Research Unit		
Telephone	21673327544	Fax	21673327591
Mobile	21625828433	E-mail address	<a href="mailto:hrejeb62@yahoo.fr">hrejeb62@yahoo.fr</a>

### 1.2.1. Study programmes: Master Landscape, Territory and Patrimony

Put into the table accredited study programmes that are delivered in your Higher Education Institution

Statistics and flux of students

Degree	No. of programmes	Number of students					
		2008/09		2007/08		2006/07	
		Enrolled	Graduated	Enrolled	Graduated	Enrolled	Graduated
bachelor		980	90	760	65	600	55
master		19	in progress	15	in progress	14	1+in progress
doctorate		15	1+4in progress	11	None	8	none

Since the creation of the master the number of candidates is increasing, and 29 degrees are so far delivered. It's the only training that deals with the landscape in Tunisia and the Maghreb region.

Degree	No. of programmes	Number of students					
		2008/09		2007/08		2006/07	
		Enrolled	Graduated	Enrolled	Graduated	Enrolled	Graduated
bachelor		18878		2449*	2121	1941*	1685
master		2679			409		548
doctorate		377					

\*Enrolled in final year

Put into the table number of study programmes and number of students according to the each ISCED field for **academic year 2008/09. (to be completed by the University)**

ISCED classification		bachelor		master		doctorate	
		No. of program.	No. of students	No. of programs	No. of students	No. of programs	No. of students
14	Teacher training and education science						
21	Arts	4	1516	4	309	-	-
22	Humanities	5	3397	4	363	4	78
31	Social and behavioural science						
32	Journalism and information						
34	Business and administration	24	6214	19	828	2	174
38	Law	7	1858	2	185	2	87
42	Life sciences						
44	Physical sciences						
46	Mathematics and statistics	1	133	2	64	-	-
48	Computing	10	1792	2	30	-	-
52	Engineering and engineering trades	16	918	5	219	-	-
54	Manufacturing and processing						
58	Architecture and building						
62	Agriculture, forestry and fishery	3	181	3	131	3	38
64	Veterinary						
72	Health	12	1220	14	373	-	-
76	Social services						
81	Personal services						
84	Transport services	5	1078	4	177	-	-
85	Environmental protection						
86	Security services						
99	Not known or unspecified						

### 1.2.2. HE Institution`s scientific-research basis for study programme

The Master Landscape, Territory and Patrimony is a platform for the exchange program of research addressing major issues of the landscape. Already, a multidisciplinary educational

Accreditation form for study programmes of EMUNI University, that are already accredited according to the »National« Legislation in Euro-Mediterranean countries (February 2009)

thinking approach is adopted and used in collaboration with some countries in the Euro-Mediterranean region.

- Doctoral school «Agronomy and Environment of the Higher School of Agronomical Sciences. A research was undertaken under the international course in Landscape Ecology (Portugal, 2005),
- The Research Unit "Horticulture, Landscape and Environment AGR01UR 2003 in partnership with the Laboratory for the Study of Policy and Practice of Landscape (Versailles, France), in partnership with C.I.E.U (Laboratoire interdisciplinaire Solidarité, Société, Territoires Université de Toulouse Le Mirail France UMR 5193), in partnership with G.E.G.E.N.A. (Groupe d'Etude sur les Géomatériaux et Environnements Naturels et Anthropiques. Université de Reims - Champagne Ardenne) and partnership with the Faculty of Oujda-Morocco (Oujda University MED1).
- The inter-university program: Action Integrated Joint Cooperation Universities No. 04G0302 "Urban and rural areas in the coastal Sahel: from competition to complementarity.
- Tunisian-Moroccan "Construction-technical landscape of the coastal tree, Complementarities between the Sahel of Tunisia and the Oriental region of Morocco" and referenced by the number 07/MT/06.
- The Research Unit "Conceptions and Uses of urban space" of ENAU (Ecole Nationale d'Architecture ET Urbanisme Tunis).
- National Institute for Rural Engineering, Water and Forests (Forestry and Park)
- The Institute of Research and Development (ex ORSTOM Office Tunis).
- The Center for Interdisciplinary Studies Urbanises UMR CNRS) (Toulouse II, France).
- Project of diagnosis and assessment of the state of stress in urban trees (Cooperation with municipalities in the city of Tunis).
- Project of improvement of the vegetative biomass in the multipurpose tree (cooperation with ODISIPANO and INRGREF).
- Sustainable Biologic agriculture
- Summer school Fernando Pessoa EMUNI (Portugal 2010)

### 1.2.3. Internationalisation of HE Institution

*Describe briefly the higher education institution's international activities.*

**a) EU projects** (Phare project, Interreg project, Erasmus Mundus, Leonardo da Vinci, Tempus, CEEPUS ...):

Master & thesis programmes are conducted in close collaboration with organizations and academic institutions at the national and international levels, CMCU (Comité Mixte Franco-Tunisien de Coopération Universitaire), CMPTM (Coopération mixte partenariat Tuniso Marocaine), AVEROES, and Cooperation with Spain, France, and Belgium.

In addition progress of research activities approved by the (s) Sponsor (s) periodically (each semester) and on *ad-hoc* bases to coincide with events like:

- 1<sup>st</sup> Meeting Inter-universities Horticulture, Landscape by UR2003 AGR01 in partnership with ENSP Versailles CMCU 04G/0302 project.
- 2<sup>nd</sup> Meetings Inter-universities Landscape and Urban Agriculture
- The seventh act "Steps in Landscape Research" No. 7., 83p ed. LARAP Laboratory Versailles 2003 and AGR 01UR "Horticulture, Landscape, Environment" of H.S.A.S.C.M.
- The third meeting Inter-universities "Landscape and Patrimony"
- The fourth meeting Inter-universities "Facilities and territorial changes. UR2003 AGR01 in partnership with CIEU Toulouse and LARAP Versailles (CD, Text, photos and sound, Ed UR 2003 AGR 2005)

- The fifth meeting Inter-universities (set in April 2007): The role of landscape in the areas of competence "Case of the city of Ksar Hellal (CD, Text, photos and sound, Ed UR 2003 AGR 2005)
- The sixth Inter-universities meetings (schedule in April 2008): The role of landscape in the areas of competence "Case of the city of Enfidha. (CD, Text, photos and sound, Ed UR 2003 AGR 2005).
- The seventh Inter-universities meetings (April 2009):The landscape component of sustainable development and environment. Territorial application for the region Souassi-Mahdia (CD, Text, photos and sound, Ed UR 2003 AGR 2005).
- The eighth meeting Landscape and Horticulture (April 2010): Urban patrimony of Kairouan. architecture, landscape and crafts medina in a changing (CD, Text, photos and sound, Ed UR 2003 AGR 2005).
- **Books and editions:** DONADIEU, P. and REJEB, H. 2009. Abstract of Geomedia landscaping. Ed, Imp. Off. Rep. Tunisia, 176p

#### 1.2.4. International Summer Schools:

Seminars and workshops are conducted by AUF, APERAU,..

**a) Other international activities** (making evaluations of foreign study programmes, cooperation in scientific projects, activities in foreign editorial board, visiting foreign universities, scientific excursions ...):

Contribution in research master programs PLANURBA (Nord Africa) and Master Pro MODECO Green Tourism.

**b) Mobility** (Fill in the table below.)

Academic year	Students				Professors			
	outgoing students		incoming students		outgoing professors		incoming professors	
	No. of countries	No. of students	No. of countries	No. of students	No. of countries	No. of students	No. of countries	No. of students
2008/09 (plan)	2	10	2	3	2	3	3	6
2007/08	2	9	2	3	2	3	3	6
2006/07	3	11	2	4	2	4	3	5

#### 1.2.5. Resolution of the Senate of the university and/or National authority that adopted the study programme

The date of adoption of the study programme on the **Senate** of HEI:  
or/and the **National authority** that adopted the study programme  
(name):

Landscape, Territory and  
Patrimony

date: 2002/2003

## 2. Study programme

### 2.1. General information about the study programme : Master Landscape, Territory and Patrimony

Fill in the blank fields below.

<b>Name of the study programme</b>	Landscape, Territory and Patrimony
<b>Modules of</b>	<i>The programmes does not have the modules</i>

<b>study programme:</b> (If study programme has modules, please list them.)	
<b>Level/Type of study programme (cross):</b>	1 <sup>st</sup> Bologna cycle +2 <sup>nd</sup> Bologna cycle 3 <sup>rd</sup> Bologna cycle
<b>Degree (cross):</b>	+ single degree* double degree or multiple degree joint degree
<b>Duration of study programme in years (cross):</b>	1 year + 2 years 3 years 4 years
<b>Duration of study programme in ECTS (cross):</b>	60 + 120 180 240
<b>Title of qualification awarded</b>	<b>Master</b> This postgraduate training aims at continuing studies leading to research for students who wish to undergo a PhD programme.

**Definition of the field of study programme using the ISCED classification**

(cross only **one** study field):

- |   |                                      |
|---|--------------------------------------|
| 14 Teacher training and education science | 54 Manufacturing and processing      |
| 21 Arts                                   | ▪ 58 Architecture and building       |
| 22 Humanities                             | 62 Agriculture, forestry and fishery |
| 31 Social and behavioural science         | 64 Veterinary                        |
| 32 Journalism and information             | 72 Health                            |
| 34 Business and administration            | 76 Social services                   |
| 38 Law                                    | 81 Personal services                 |
| 42 Life sciences                          | 84 Transport services                |
| 44 Physical sciences                      | ▪ 85 Environmental protection        |
| 46 Mathematics and statistics             | 86 Security services                 |
| 48 Computing                              | 99 Not known or unspecified          |
| 52 Engineering and engineering trades     |                                      |

**Justification:**

Describe briefly why the study programme falls under selected study field. If programme encompasses more than one study field, justify why you have decided to choose selected study field.

The Master programme on "Landscape Territory and Patrimony" will address urgent need to train competent teaching and research staff in addition to professionals able to develop programmes to overcome environmental and other issues related to sustainable development of the Landscape.

**Definition of research disciplines according to the Frascati classification** (cross only one study field):

- |                              |                 |
|------------------------------|-----------------|
| Natural sciences/mathematics | Social sciences |
| Engineering and technology   | Humanities      |

Medical sciences  
Biotechnical sciences

Art disciplines  
▪ Other

**Justification:**

*Describe briefly why the proposed study programme falls under selected study field.*

In the Euro-Mediterranean region the various ecosystems are subject to intense and rapid mutation, change and irreversible degradation of soil and vegetation cover, increasing urbanization and deterioration of water and air quality. All these factors contribute to the present environmental crises.

In this regard an inter-disciplinary approach must be adopted, in order to understand some aspects of efficient environmental management taking into consideration the various facets of landscape: symbolic, cultural and sustainability.

The challenge is to put in place the necessary framework and reflection prior to action planning to address the issues of territorial transformation in terms of socio-economic development. In this context, it is wise or even indispensable to build functional relationships between research and the various socio-economic sectors in addition to a real openness and partnership between the higher education institutions and the civil society.

## **2.2. Definition of the main goals of the study programme, general and programme specific competences**

*Describe briefly (if possible in line):*

**Main goals of the study programme:**

The main aim of the programme is the design of outdoor and public space to achieve environmental, socio-economic and aesthetic development of the Euro-Mediterranean region.

**a) General competences acquired through the study programme:**

- To train professional researchers and teachers on planning, implementation and evaluation of programmes and/or projects with focus on the importance of land use in urban, peri-urban and rural areas.
- To initiate participants in the study programme on relationships between sustainable development and landscape territories and environment at large.
- To create a better visibility of landscape concepts which have to be translated into operational components of development programmes.
- To assist in the integration of environmental and landscape management practices in the urban, peri-urban and rural areas to support national efforts for efficient land use, for planning and sustainable development.
- To maintain and valorisation of symbolic landscape

**b) Specific competences acquired through the study programme:**

- The Master programme LTP provides a degree of training for specific skills include:
- landscape Mediation: space planning
- Planning and territorial decision support
- Design and use of urban, suburban and rural areas
- Management and development of outdoor spaces
- Recovery and rehabilitation of sensitive areas at risk.
- *Notification*
- At the end of the Master programme of study, crucial identified issues could be subject to doctoral dissertation to be undertaken by the most preferment students.

**c) Employability of graduates** (*represent the possibilities of employment of graduates on certain workplace home and in foreign countries*):

The graduates are mostly needed in the public and private sectors at different levels:

- Decision making on policies and strategies of landscape, land use and environment management and development.
- Planning, implementation, monitoring and evaluation of activities, projects and programmes aiming at addressing major issues for sustainable socio-economic development.

The potential employers of the graduate could be governmental, institutions (Ministry of Environment, Ministry of Agriculture, Ministry of Interior and Local Development, etc.) well as non-governmental organizations, professional associations and the private sector (in particular the fields of tourism and urban agriculture).

## 2.3. Data on the international comparability

Make a short introduction about the international comparability of the study programme.

(List - at least 3 - foreign similar accredited study programmes)

	Name of the study programme	No. of ECTS	HE Institution	Country	Web page
1.	Landscape		Higher School of landscape VERSAILLES	France	<a href="http://www.ecole-paysage.fr/">http://www.ecole-paysage.fr/</a>
2.	Sustainable development		University of Toulouse II	France	<a href="http://www.univ-tlse2.fr/">http://www.univ-tlse2.fr/</a>
3.	Analyse of Landscape		University of Gembloux	Belgium	<a href="http://www.fsgx.ac.be/">http://www.fsgx.ac.be/</a>
4.	Patrimony and archeology		University of Reims Champagne Ardenne	France	<a href="http://www.univ-reims.fr/">http://www.univ-reims.fr/</a>
5.	Urban Forestry		University of Oujda	Morocco	<a href="http://sciences1.univ-oujda.ac.ma/">http://sciences1.univ-oujda.ac.ma/</a>
6.	Observatory of Landscape and territory policies		University Fernando Pessoa	Portugal	<a href="http://www.ufp.pt/">http://www.ufp.pt/</a>

### 2.3.1. Possibilities for incorporation of the study programme in the Euro-Mediterranean Area

Describe briefly the possibility of study programme integration in Euro-Mediterranean Area. Take into the consideration the international exchanges of students and professors, implementations of joint degree study programmes, common organization of summer schools, etc.

The master landscape territory and patrimony of its originality and its opening North-South will be a platform for exchange of researchers and new issues that are of major concern to land issues. This formation has the advantage of finding cross-bridges and opening up real opportunities for researchers working in the theme of Sustainable Management. New Euro-Mediterranean dimension allow: (i) exchange research programs action North-Sud (ii) exchange of common methodologies and approaches (iii) creating network including research and teaching staff in addition to professional and local environment managers and users.

## 2.4. Syllabus

### 2.4.1. Structure of study programme by type of learning units (for whole study programme)

*(Fill in the table below.)*

Type of learning units	Number of units	Number of ECTS	Percentage (%)
Courses – obligatory	9	36	30
Courses – elective	1	4	3
Courses – optional elective	-	-	-
Practical training	10	20	17
Research development work	6	40	33
Final thesis	3	20	17
<b>Total</b>	<b>29</b>	<b>120</b>	<b>100</b>

## Structure of the study programme per year

### 1<sup>st</sup> semester

No	Name the course or other learning units	No of ECTS	Type: elective/ obligatory	Hours of student workload	Form of study (in hours)				Responsible lecturers (family name, first name title)
					Contact	Hours	DL	IS	
					L	T			
1	Landscape and sustainable planning	4	Obligatory	100	30	10	10	50	Prof. Dr. J. P. Laborie – Dr Franc Vidal
	Reading of landscape	4	Obligatory	100	30	10	10	50	Prof. Dr. A. Toussaint
2	Tools and processes of action	4	Obligatory	100	30	10	10	50	Prof. Dr. P. Donadieu – Dr Ch. Aubry
	Green urbanism	4	Obligatory	100	30	10	10	50	Prof. Dr. H. Rejeb
3	Logic bio ecological urban environmental	4	Obligatory	100	30	10	10	50	Prof. Dr. T. Mehouchi, Prof. Dr. M. Seffen
	Energy issues and sustainable development.	4	Obligatory	100	30	10	10	50	Dr. A. Gaaya
4	Theories of design to territorial planning , rural urban and hybrid spaces	4	Obligatory	100	30	10	10	50	Pr. P. Madrigal – Dr N. Loeper
	Landscape and archaeology	4	Obligatory	100	30	10	10	50	Prof. Dr. R. G. Viaellescusa
5	Landscape and sociology	4	Obligatory	100	30	10	10	50	Prof. Dr. M. Ben Slimane
	Landscape Art and culture	4	Obligatory	100	30	10	10	50	Dr. M. K. Basly

6	Directed Teaching	20	obligatory	500	/	300	/	200	Different lecturers
<b>Total:</b>				<b>1500</b>	<b>300</b>	<b>400</b>	<b>100</b>	<b>700</b>	

Legend: L - lectures; T- training, field work, laboratory work...; DL – distance learning; IS – individual studies. Student workload: estimation of necessary number of study hours to complete all study obligations (the summary of contact hours, distance learning hours and student's individual working hours (reading literature, attending and preparing for study lessons, etc.)

Directed teaching: students need to select 10 units

Name the course or other learning units	No. of ECTS	Hours of student workload	Form of study (in hours)				Responsible lecturers (family name, first name title)
			Contact		DL	IS	
			L	T			
Ecotourism and landscape	2	50	/	30	/	20	Dr. S. Bedhioufi
Water and Landscape	2	50	/	30	/	20	Dr A. Boujelbene
Urban forestry in the city of Oujda	2	50	/	30	/	20	Prof. Dr. Azzouze Boukroute
Rating assets landscape: conflicts of use	2	50	/	30	/	20	Dr. Ramzi Slama
Biodiversity of ornamental plants	2	50	/	30	/	20	Dr. T. Bettaieb
Acoustic, Music and Landscape	2	50	/	30	/	20	Mr. Amine Hammami
Investigative techniques and landscape of small towns	2	50	/	30	/	20	Dr. K.B.Haj Hessine
Process and tools of management in fragile areas	2	50	/	30	/	20	Mr. K.B.Hadj Farhat/Dr. M. Ouaja
Landscape restoration of farming systems	2	50	/	30	/	20	Mr. S.Nizar/PrVillaescusa
Interface Landscape / Energy / Climate	2	50	/	30	/	20	Dr. S. Ameur
Urban Agriculture_ Urban dialogue	2	50	/	30	/	20	Dr. Mathias Ott

**2<sup>nd</sup> and 3<sup>rd</sup> semester**

No	Name the course or other learning units	No of ECTS	Type: elective/ obligatory	Hours of student workload	Form of study (in hours)				Responsible lecturers (family name, first name title)
					Contact	Hours	DL	IS	
					L	T			
1	Workshop 1: Introduction to research in LTP	6	Obligatory	150	15	25	20	90	Prof. T.Mehouachi, H. Rejeb Donadieu and Ch Aubry
2	Research seminar 1: Bibliography and conceptualization	7	Obligatory	175	15	25	20	115	Prof. Dr. J. P. Laborie and M.B. Sliman and F. Vidal
3	Research seminar 2: research goals and hypotheses	7	Obligatory	175	15	25	20	115	M.Seffen , Dr.Gaaya A. and R.G Villaescusa,
4	Workshop 2 : symposia and sustainable development issue	6	Obligatory	150	15	25	20	90	Dr H. Rejeb, A. Toussaint and P.Madrigal
5	Research seminar 3: methodology and phases of research	7	Obligatory	175	15	25	20	115	Pr. J. P. Laborie Pr . Donadieu, Pr. M. Ben Slimane
6	Workshop 3: research skills	7	Obligatory	175	15	25	20	115	Dr. H. Rejeb, P.Madrigal, Pr. M. Seffen
7.	Final thesis/individual instructions	20	Obligatory	500	/	30	60	410	Prof. T.Mehouachi, H. Rejeb Donadieu, Dr. J. P. Laborie,
<b>Total:</b>				<b>1500</b>	<b>90</b>	<b>180</b>	<b>180</b>	<b>1050</b>	

*Legend: L - lectures; T- training, field work, laboratory work...; DL – distance learning; IS – individual studies. Student workload: estimation of necessary number of study hours to complete all study obligations (the summary of contact hours, distance learning hours and student's individual working hours (reading literature, attending and preparing for study lessons, etc.)*

*Accreditation form for study programmes of EMUNI University, that are already accredited according to the »National« Legislation in Euro-Mediterranean countries (February 2009)*

Final thesis/individual instructions consist of:

Name the course or other learning units	No. of ECTS	Hours of student workload	Form of study (in hours)			
			Contact	Hours	DL	IS
			L	T		
Specific research: 1st phase: conceptualization	6	150	/	10	20	120
Specific research: 2nd phase: Specificity of the research thematic	6	150	/	10	20	120
Specific research: 3 <sup>rd</sup> phase: confrontation between theorizing and research theme (if appropriate defended thesis project)	8	200	/	10	20	170

### **Masters Defended :**

<b>Landscape</b>	<b>Territory</b>	<b>Patrimony</b>
<b>Bayrem 2007.</b> Palm farm tourism, construction of new symbolic functions of the palm in the coastal Sahel	<b>Ben Hadj Farhat K. 2008.</b> The tree image and landscape resource, where the city of Sousse-Tunisia and the city of Oujda-Morocco. Transversal approach to the development of a wetland: Sebkhath El Kalbia	<b>Ben Lagha S. 2005.</b> The Roman aqueduct of Carthage: The ancient book and its insertion into the landscape.
<b>Ben Abdejellil W., 2006.</b> The study of the evolution of the relationship of coastal hotels in Hammamet with their land settlement	<b>Haddadah M. 2006.</b> Landscape & Analysis Issues for management of sensitive areas	<b>Brahim C. Kortas 2006.</b> Landscapes colonial wine farms of the plain of Grombalia.
<b>Ben Attia O. 2005.</b> Agriculture and urban resort on the coast of Hammam Sousse: Conflicts and complementarities	<b>Jaballah Asma. 2006.</b> Park Campus Universitaire El Manar. Analysis of production	<b>Hermi M. 2005.</b> Characterization and development of the arboretum in the city of Tunis.
<b>Ben Hamida H. 2007.</b> The blue of Sidi Bou Said Construction of an urban landscape identity	<b>Landolsi S. 2008.</b> Changing socioeconomic landscape and induced forms: City of Moknine.	<b>Lataoui W. 2007.</b> Elements of the analysis and development of the landscape citrus in the region of Hamamet.
<b>Hammami S. 2004.</b> Analysis of peri-agriculture relations in Greater Tunis: étude de cas de la region Mornag	<b>Nouira A. 2008.</b> Traits of road improvements and changes in territories. Analysis and approach to the motorway Utique-Rimel	<b>Saidane, I. 2005.</b> The gardens of the colonial era in Tunisia: 1900-1940
<b>Kalti.N. 2005.</b> Compromise between tree, landscape and concerted urban governance.	<b>N. Sayari 2005.</b> Origin of the Andalusian landscape in the north west of Tunisia: Testour and its surroundings.	<b>Zaïer S. 2004.</b> The time of El-Husseinite gardens.
<b>Loukil B. 2006.</b> The new urban parks in Tunis: for who and why?	<b>Sfar M.H. 2004.</b> Environmental practices in the management of fragile natural sites: Zouara.	<b>Riyahi. M 2008:</b> Singularity of the rural landscape of the region of Kesra. Taming of a fragile heritage
<b>Toumi s., 2007.</b> data public spaces, places mixed territories in cultural tourism. Comparative approach in the coastal Sahel of Tunisia.	<b>Gallas Alya. 2007.</b> Regulatory practices and urbanization in Tunisia: The case of the residential area of coastal Tantan	<b>Sadraoui.F 2008:</b> Integration of dune and careers in the landscape image of the region Mahdia.
<b>Ezzine.F 2008:</b> The social representations of	<b>Halloul S. 2006.</b> Integration of concerns in the political	<b>Monastiri K. 2006.</b> Motorways in Tunisia

environments natural opulation in the permanent and temporary Islands Kerkanah	landscape of land use	between development and preservation of local landscape.
<b>Fersi.F 2008:</b> Analysis and Evaluation of teaching Landscape in the curriculum of schools primary of Tunisia.	<b>Andolsi.S 2008:</b> socio-economic and forms induced landscape: the city of Moknine	<b>Deldoul M., 2009 .</b> Criteria for assessment of landscape capacity of some places on the island of Djerba.
<b>Ben Aneur A., 2009 :</b> The evolution of coastal landscapes of the northern suburbs of Tunis (Carthage, Sidi Bou Said, La Marsa and Gammarth) between homogeneity and heterogeneity.	<b>Hefiane, Ch, 2009.</b> Landscape rehabilitation and enhancement of coastal wetlands in the region of Mahdia.	<b>Fradi, S. 2010.</b> The development of Berber Tourism in Tunisia: The case of site Takrouna, historical and contemporary processes
<b>Soughir, Kh. 2010.</b> Exploring the vernacular landscape of Matmata cave and its exploitation in a sustainable architecture: An approach to saving energy and sustainable development	<b>El Atti M, 2009.</b> Governance in question: for example the development of the town of Ksar Hella in Tunisia.	<b>Mnari, Dh. 2010.</b> Roman gardens in Africa and the return of peristyle garden of the house <i>Trifolium</i>
<b>Said, S. 2010.</b> Towards an integrated management of coastal landscape to cope with human impact. At some sites of the eastern facade of the Cap Bon	<b>Gastli B., 2009.</b> Landscaped areas and the urban environment: the case of Nabeul	<b>Ghannouchi, A. 2005.</b> The ancient therma sites in Tunisia.
<b>Jatalaoui, Ch. 2010.</b> The new opportunities applicable landscape for sustainable tourism: the case of the Metropolis of Sousse.	<b>Regaya, Y. 2010.</b> The landscape component of territorial performance: Case of the City of Souassi	<b>Hamdaoui A. 2010.</b> Evolution of urban landscapes and identity problem in the small towns of the Sahel of Tunisia: the case of the delegation of Sayada, Lamta, BOUHJAR

### Thesis:

✓ Defended thesis

Name	Thesis titles
<b>Houimli Ezzedine</b>	factors and resistance of fragil agriculture face to coastal urbanisation: the case of the region north of Sousse in Tunisia
<b>Meddeb Slim</b>	The resilience of farming on the outskirts of face processes metropolisation

<b>KHELIFA BOUDHIOUFI</b> <b>Samiha</b>	Determinism and benchmark of adjustment or alteration of sour orange ( <i>Citrus aurantium</i> L.) in urban locations. Morphogenetic and molecular approaches. Sustainable Agriculture ISA: 120p + Appendices
<b>HAMMAMI Saida</b>	Territories projects and multifunctional agriculture on the Tunisian coast where the eastern face of Cap Bon. Thesis co-supervision: Supervisor Tunisia: H. Rejeb and French Supervisor C. Aubry INRA UMR them fit. Thesis PTP: 243 p
<b>ZAEIR Sondes</b>	Evolution of the resort on the coast north-east of Tunisia: national models to imported models. Practices and uses. Joint PhD between H. Rejeb ISA Chott Mariam (University of Sousse) and P. Donadieu ABIES Graduate School of Paris (Paris Agri Tec & ENSP Versailles) Thesis LTP: 250 p
<b>SAIDANE, I.</b>	The evolution of the design of outdoor spaces hotel in Tunisia. If the region of Hammamet. Joint PhD Between H. Rejeb ISA Chott Mariam (University of Sousse) and P. Donadieu ABIES Graduate School of Paris (Paris Agri Tec & ENSP Versailles) LTP Thesis: 281 p

✓ Planned thesis for public defense

<b>Name</b>	<b>Subject</b>	<b>Director</b>	<b>Inscription cotutelle</b>	<b>N° inscription pour 08/09</b>
Ben Attia Ons	Complementarities and antagonisms of agriculture and tourism on the coast Sahel of Tunisia. The case of the region of Sousse-Monastir	H. Rejeb et P. Donadieu	Univ Sousse Univ Agrtec Paris	ISA/ENSP 5 <sup>th</sup>
Soumaya Halloul	The political landscape in the land of Tunisia	JP Laborie	Univ Sousse	ISA 4 <sup>rd</sup>
Affef Ghannouchi	The construction of landscape in Sousse (1880-1910)	A.Mrabet(Uni Lettres Sousse) and P. Donadieu (Versailles)	Univ Sousse and LAREP	ISA 4 <sup>th</sup>
Asma Jaballah	Analysis of urban landscape and Tunisian coast: the case of Hergla, Ras Dimess and Ghedhabna.	M. Ben Slimane	ENAU	ISA 3 <sup>rd</sup>

Nizar Sayari	Cultural transmission and agrarian landscapes. Transfer techniques to the Al Andalous Tunisia.	H. Rejeb (ISA) and RG Viaellescusa (Reims)	Univ Sousse And GEGENA Reims	ISA Reims 3 <sup>rd</sup>
Cheima Kortas	Territories and the land of vineyards in Tunisia. Analysis « agripaysagère »	H. Rejeb	Univ Sousse	ISA 3 <sup>rd</sup>
Basma Loukil	Civility and incivility in urban public parks in northern Tunisia	T. Bettaeib (ISA) and P. Donadieu (Versailles)	LAREP	ISA 3 <sup>rd</sup>
Walid Lataoui	The landscape of orchards on the coast of Tunisia. Issues and dynamics.	H.Rejeb (ISA)	Univ Sousse	ISA 3 <sup>rd</sup>
Nabiha Bayrem	The landscape of palms, identity and place in the Sustainable Development of Cities oasis "	P.Donadieu (Versailles)	Univ Sousse	ISA 2 <sup>nd</sup>
Karim Ben Haj Farhat	Study of the dynamic landscape of wetlands in the Sahel of Tunisia	H.Rejeb (ISA) and RGViallescusa (Reims))	Univ Sousse and GEGENA Reims	ISA Reims 2 <sup>nd</sup>
Samia Landolsi	The alteration of the polycentric urban landscapes in the Sahel	JP Laborie	Univ Sousse	ISA 2 <sup>nd</sup>
Gastli Bessam	The landscape initiatives in development policies in the Maghreb.	JP Laborie	Univ Sousse	ISA 1 <sup>st</sup>
Radhouan Ncir	Territories and production systems in forest areas: North West of Tunisia	H.Rejeb	Univ Sousse	ISA 1 <sup>st</sup>
Meriem Bennour	Policies plant collections and their integration in the sustainable management of urban areas	T. Bettaeib	Univ Sousse	ISA 1 <sup>st</sup>

## **2.5. Conditions for enrolment and selection criteria when enrolment is restricted**

*Describe the enrolment conditions by each year of study and criteria for selection in case that enrolment is restricted (state if working experience are required for enrolment of students). State also the number of places for programme.*

Candidates who are holders of equivalent diplomas from foreign higher education institutions can register under the same conditions.

- Courses and practical work will be delivered either in English or French.
- Students should have an appropriate level of proficiency and adequate skills (oral and written) of both languages.

Students should:

- In case the number of applicants exceed the number of available positions, the candidates are selected bases on the following criteria according to maximum score 200 points (the minimum for registration should not be under 150 points)
  - Date of obtaining the diploma (\*) = 20 p
  - University performer = 60 p
  - The professional experience: 20 p
  - Motivation and potential research project = 40 p
  - Letters of recommendation (at least 2 letters) = 20 p
  - Language skills (oral and written) = 40 p

(\*) If several candidates obtain the same score the priority is given to the candidate holding a recent diploma

## **2.6. Criteria for recognition of knowledge and skills, acquired before enrolment in the programme**

*Describe the criteria for recognition of students` previous acquired knowledge and skills, including non-formal gained knowledge and skills.*

Potential applicants are students with training in the field of engineering, life sciences and territorial planning. The Master programme will be hybrid and transdisciplinary. Candidates can deepen their training through an implementation of a common pedagogical approach to fit their skills.

The master Landscape Territory and Patrimony combines conceptualization to professionalization. So in terms of knowledge the master can lead the researcher to apprehend:

- Landscape: spatial analysis
- The space design
- The space management

## **2.7. Method of assessment**

*Describe briefly how student`s knowledge and skills are assessed. Please describe the methods of assessment (for example: written exams, oral exam, writing assignments, etc.). Describe also the institution`s grading scale (compare it with ECTS grading scale).*

The student must pass:

- Compulsory written exam and the student must have a score greater or equal to 10 (by an average of 10/20)
- Tutorials: it depends on the choice of professor, may be seminar, oral or written exam.
- Assessment of student`s Search Folders

## **2.8. Conditions for progression through the programme**

*Describe briefly the conditions regarding student's progress by each year of study. Describe also the progression of student through the study programme under exceptional conditions, the possibility to repeat certain year/months of study, the possibility for extending student's status, and finally describe advisory services for students.*

The course of the master LTP follows in time a progressive logic. Three quarters are required to complete the academic program and training. The student must pass the main session, he is eligible to pass a second session (after two weeks) which is given for retrofitting. The scientific commission may review certain applications for exemption (report modules or seminars).

The defense will take place only if the student was validated during the two years the entire academic programme, practical training and pedagogic.

## **2.9. Requirements for completing the programme**

*Describe briefly the requirements for completing the study programme.*

Two conditions are required for the overall of the curriculum:

Theoretical validation of the first year by an average of 10/20 (two situations can be undertaken: (i) Admitted without credits: the student must have a GPA greater or equal to 10. (ii) Admitted with credits: if the student has a GPA less than 10.

- Research project: during the second year of the study programme, the student should submit a thesis to a committee chaired by the jury president with the membership of the student supervisor (director of the thesis) and the lead academic teacher. In some cases a resource person could be invited to seat as a fourth member of the committee. The appreciation of the student's work will be rated: Très Bien (Very honourable), Bien (honourable) and Assez bien (passed).
- In case the master thesis is assessed incomplete, the student should extend his/her registration for an additional period of six months to one year pending approval of the thesis committee. In exceptional cases prior joint authorization from the university of Sousse and EMUNI Center should be the condition of extension beyond one year.

## **2.10. Provisions on changing programs**

*Describe the ways and criteria of study program's transitivity.*

Masters commission seeks to adopt the methods and criteria are most suited to their training. An interest in research methodology, ownership of her research on the conceptual and operational plan.

## **2.11. Data on methods and forms of implementation**

*Describe briefly or represent numerically how the study programme is implemented: as part-time, full-time, blended learning (a combination of face-to-face and on-line activities).*

## **3. Conditions for implementation**

*Describe briefly the details on staffing requirements for implementation of the study programme and details on material conditions for implementation of the study programme.*

The duration of preparation of a master is generally two years. Its aim is to create knowledge universal, fundamental and / or implemented innovative and shared, to be valued in the public and private companies, and in higher education.

#### 4. Estimate of the financial resources necessary for the implementation

Describe briefly the financial resources for implementation of the study programme. State the estimated costs for the study programme and the amount of tuition fee per student.

<b>Expenditure</b>	<b>(Euro)</b>	<b>%</b>
1. Teaching costs	60.000	40%
2. Equipment and logistics	30.000	20%
3. Coordination and supervision	22.500	15%
4. General operating expenses	22.500	15%
5. Scientific Mobility	15.000	10%
<b>Total</b>	<b>150.000</b>	<b>100%</b>

#### 5. Quality assurance and assessment procedures

Describe briefly the forms of internal evaluation processes; from the description should be seen also the inclusion of students. Describe also the external evaluations.

Master Research Landscape is an important step to scale researchers of high skill level in terms of thinking and design of the urban, suburban and large landscapes. Furthermore, this training will meet the current and future needs of teachers and academics in these fields of research: Landscape, Territory and Patrimony. In this lineage the university conducts auto evaluations (ascending and descending) to refine the guidelines and educational research programme.

The research unit based in Chott Meriam and in charge of Horticulture, Landscape and environment will be strengthened to serve as a center of excellence for delivery of programmes leading to graduate degrees (Master and Doctorate) nation wide, and in the Mediterranean basin.

#### 6. Signature of legal representative

Signature of the legal representative of Higher Education Institution.

Date

Signature and Stamp

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