



**INTERNATIONAL
RESEARCH
MASTER
PLANNING AND
SUSTAINABILITY
2019-2020**



Ecole Polytechnique de l'Université de Tours

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1 POLYTECH TOURS

PRACTICAL INFORMATION

Polytechnic College of Engineering of the University of Tours
École Polytechnique de l'Université de TOURS
64 avenue Jean Portalis – 37200 TOURS
☎: +33 (0)2 47 36 14 14 Fax : +33 (0)2 47 36 14 22
Website: www.polytech.univ-tours.fr

ADMINISTRATIVE ORGANISATION

Head: Mr. **Emmanuel NERON**, Professor
Administration and Secretary Responsible: Mr **Fabrice NORMAND**
Vice-Head for Studies Organization: Mrs **Gaëlle BERTON**, Associate Professor
Vice-Head for International Relations: Mr. **Stéphane RODRIGUES**, Professor
Vice-Head for Research and Partnerships: Mr. **Patrick MARTINEAU**, Professor
Communication services: Mrs **Valérie MOREAU**

2 THE SPATIAL PLANNING AND ENVIRONMENT DEPARTMENT

PRACTICAL INFORMATION

Polytech Tours – Département Aménagement et Environnement
35 Allée Ferdinand de Lesseps– 37200 TOURS
☎: +33 (0)2 47 36 14 50 Fax : +33 (0)2 47 36 14 51
Email: master.aménagement.polytech@univ-tours.fr

Opening Hours

Reception (Accueil)	Monday, Tuesday, Thursday, Friday	8:15-12:30 and 13:15-17:15
	Wednesday,	8:00-12:30 and 13:15-17:30
Schooling office (Scolarité):	Monday to Friday	8:15-12:00 and 13:30-17:15
Library (Centre de documentation)	Monday to Friday	8:00-12:30 and 13:30-18:00
Teaching hours <i>All week days but Saturday and Sunday</i>	Morning	08:15-10:15 and 10:30-12:30
	Afternoon	14:00-16:00 and 16:15-18:15

ADMINISTRATIVE ORGANISATION

		Phone	Office
Head of the Department	Dr Sébastien LARRIBE	+33 (0)2 47 36 14 54	17
Vice-Head of the Department - Pedagogical Responsible	Dr Hervé BAPTISTE	+33 (0)2 47 36 14 72	23
Financial office	Mrs Christèle POPELIN	+33 (0)2 47 36 14 53	18
Reception	Mrs Karine SAVARY	+33 (0)2 47 36 14 50	Reception desk
Department Secretary office	Mrs Touria HUBERT	+33 (0)2 47 36 14 55	21
Pedagogical office	Mrs Sandrine D'ANGELO Mrs Julie GASPARINI	+33 (0)2 47 36 14 56	20
Internship office	Mrs Pascaline ROBIN	+33 (0)2 47 36 14 62	24
Informatics and network facilities	Mr. Jean-Louis LABESSE	+33 (0)2 47 36 14 36	320
	Mr. Abdelhafid BOUAMOUD	+33 (0)2 47 36 14 70	318
Library	Mrs Pascale LE HALPER	+33 (0)2 47 36 14 60	1st Floor
	Mrs Marie-Madeleine TALON		

* For an Email contact, use the format: givenname.familyname@univ-tours.fr

DETAILED PEDAGOGICAL ORGANISATION

Spatial Planning and Environment Department Executive Committee	
Head of the Department	Dr Sébastien LARRIBE
Vice-Head - Pedagogical Responsibilities	Dr Hervé BAPTISTE
Course Planning	
Course planning - ADE Campus	Dr Sébastien LARRIBE
Course planning - ADE Campus	Mrs Karine SAVARY
Responsibilities in the international master and international exchanges	
Head of the Master's Planning and Sustainability	Prof. Christophe DEMAZIERE
Administrative Secretary of the Master's	Mrs Julie GASPARINI
Administrative Secretary for Internships	Mrs Pascaline ROBIN
Administrative Secretary for Admissions	Mrs Annabelle NOUR
Coordinator of the Department International Exchange Programs	Dr Kamal SERRHINI
Research (DATE research team – part of UMR CITERES)	
Head of DATE Research team	Prof. José SERRANO
International and National Relations with academic networks (Pedagogy and Research)	
Relationships with APERAU Internationale	Prof. Christophe DEMAZIERE
Relationships with AESOP	Prof. Abdelillah HAMDOUCH
Students' Delegates	
A delegate and a substitute of the Master's should be elected before the end of October 2019	

* For an Email contact, use the format: givenname.familyname@univ-tours.fr

TEACHING STAFF INVOLVED IN THE MASTER PROGRAM

Name	Position	Professional Email	Coordinator of
Mr. DEMAZIERE Christophe	Professor	christophe.demaziere@univ-tours.fr	TU 11, TU 18, TU 15 for French speaking students
Mrs GRALEPOIS Mathilde	Dr, Associate Professor	mathilde.gralepois@univ-tours.fr	
Mr. HAMDOUCH Abdelillah	Professor	abdel-illah.hamdouch@univ-tours.fr	TU 17
Mr. HASANEN Alaa	Teaching Assistant	alaahasanen@gmail.com	
Mrs LEDUCQ Divya	Dr, Associate Professor	divya.leducq@univ-tours.fr	TU 12
Mr. ROTGÉ Vincent	Professional Lecturer	vincent.rotge@univ-tours.fr	TU 16
Mr. SERRANO José	Professor	jose.serrano@univ-tours.fr	TU 13
Mr. SERRHINI Kamal	Dr, Associate Professor	kamal.serrhini@univ-tours.fr	
Mr. WANTZEN Matthias Karl	Professor	karl.wantzen@univ-tours.fr	TU 14
Mrs LABARRERE Josepha	Contractual Lecturer	josepha.labarrere@univ-tours.fr	TU 15 for English speaking students

In addition, for the Academic Year 2019-2020, some invited Professors will offer lectures and seminars in addition to the programme. They include:

- Dr. Agnes BORSO, University of Pecs, Hungary
- Prof. Pavlos DELLADETSIMA, Harokopio University, Athens, Greece
- Dr Janos GYERGYAK, University of Pecs, Hungary
- Dr. Steve MELIA, UWE, UK

3 RESEARCH UNIT SUPPORTING THE INTERNATIONAL MASTER

The Master's Planning and Sustainability is supported by a Research Unit in which the Master students can achieve their Master Research Internship (See below section 5): CITERES. Even though all the four teams composing CITERES can offer research topics for internships, the research unit team DATE, which is closely articulated with the Planning and Environment Department, is the natural recipient of the Master students.

THE RESEARCH UNIT CITERES

The Centre for Cities, Territories, Environment and Societies (CITERES) is a co-labeled Research Unit (UMR 7324) of the National Scientific Research Council (CNRS) and the University of Tours (various faculties and schools). The unit hosts 74 permanent researchers and teacher-researchers, including 26 habilitated (accredited to supervise PhDs), plus 32 permanent members through an INRAP (National Institute for Preventive Archaeological Research) agreement and 69 PhD students. The main disciplines are geography, urban and regional planning, sociology, archeology, and ecology.

Structure

The Research Unit, directed by Prof. Nora SEMMOUD, is structured in four research teams:

- Social Construction and spaces, norms and Trajectories Politics (CoST - Construction Sociale et politique des espaces, des normes et des Trajectoires) – Coordinator: Prof. Marie-Pierre LEFEUVRE
- Arab and Mediterranean World Team (EMAM - Equipe Monde Arabe et Méditerranée) – Coordinator: Dr Romeo CARABELLI
- Archaeology and Territories Laboratory (LAT – Laboratoire Archéologie et Territoires) – Coordinator: Dr Philippe HUSI
- Territorial and Environmental Dynamics and Actions (DATE - Dynamiques et Actions Territoriales et Environnementales) – Coordinator: Prof. José SERRANO.

The latter team, DATE, which gathers most of the lecturers and professors of the Planning Department, provides Master Thesis supervisors for the research Internship of the Master students.

The general research theme of CITERES is the analysis of spatial and territorial dynamics of societies. This entails four sub-themes:

- The relationships of pre-industrial societies with their environment (LAT)
- The Arab and Mediterranean world and its relationships with other areas, in particular with Europe (EMAM)
- The territorial aspects of social practices and public action (COST)
- The analysis of spatial, environmental and territorial dynamics of societies (DATE)

More information on the research programmes of CITERES and its research teams is available through the website.

Contact details:

- Postal Address: 33 allée Ferdinand-de-Lesseps BP 60449 - 37204 TOURS CEDEX 03 - France
- Email: citeres@univ-tours.fr
- Website: <http://citeres.univ-tours.fr>
- Phone: +33 (0)2.47.36.15.35
- Fax: +33 (0)2.47.36.15.32

4 CONTENTS AND ORGANISATION OF THE MASTER PROGRAM

ACADEMIC YEAR 2019-2020 GENERAL SCHEDULE

WELCOME MEETING	Tuesday	10/01/2019	9:00
STARTING OF COURSES	Wednesday	10/02/2019	8:15
END OF FACE TO FACE LECTURES	Friday	01/31/2020	18:15
END OF ACADEMIC YEAR	Monday	07/01/2020	
END OF SEMESTER 1	Friday	01/31/2020	
BEGINNING OF SEMESTER 2	Monday	02/10/2020	

BEGINNING OF RESEARCH INTERNSHIP	Monday	02/10/2020	
END OF RESEARCH INTERNSHIP	Friday	05/29/2020	
DELIVERY OF MASTER THESIS	Monday	06/15/2020	
DEFENSE OF MASTER THESIS	between 22 and 30 June (if the thesis is accepted), otherwise between 26 and 31 August		

ACADEMIC HOLIDAYS

Autumn	Saturday	10/26/2019	to	Sunday	11/03/2019 (included)
Christmas	Saturday	12/21/2019	to	Sunday	01/05/2020 (included)
Winter	Saturday	02/22/2020	to	Sunday	03/01/2020 (included)
Spring	Saturday	04/11/2020	to	Monday	04/26/2020 (included)

OBJECTIVES OF THE MASTER INCLUDING KNOWLEDGE AND SKILLS OBJECTIVES

This Master's is offered by the Planning and Environment Department of the Polytechnic School, the second largest planning school in France, through its staff, and its number of alumni. A founding member of the Association of European Schools of Planning (AESOP) and of the French-speaking association of planning schools (APERAU Internationale), also active within the Global Planning Education Association Network, this Department proposes two programmes to students eager to learn about cities and planning:

- A three year professional programme delivering the degree of engineer in urban planning and environment: '*spécialité en génie de l'aménagement et de l'environnement*'. It is delivered mainly in French and is followed by French students but also by exchange students who have learnt French. Some courses are delivered in English and are open to exchange students.
- A two-year programme based on international research: '*Master Urbanisme et Aménagement, parcours Planning and Sustainability*'. This programme is fully taught in English. It is aimed first of all at English-speaking students who have completed their studies abroad and who wish to get a degree in urban and regional planning in Europe and especially in France. It is also intended for French or foreign students who have a French honour's degree (in architecture, civil or environmental engineering, social sciences, etc.). In addition, dual enrolment is possible for engineering students specialized in spatial planning and environment at Polytech Tours.

The Master's Planning and Sustainability is in line with the international priorities that aim at including sustainable development in higher education programmes (*United Nations declaration of the Decade of Education for Sustainable Development - DESD, 2004-2014*). According to the United Nations, urban planning is a priority field for universities to address effectively the environmental and social challenges faced by cities.

The programme involves learning about current challenges of sustainable development of cities through research. It focuses on issues around urban and regional development in European countries as well as in the Global South. As such, it develops a "*one world*" approach, providing skills that students can use as planners working in various geographical contexts. The students will be trained to research methods relating to planning and urban studies, with an emphasis on various planning cultures and on the need to incorporate environmental issues in urban development. The curriculum is closely linked to international research programmes of the laboratory *Cities, Territories, Environment and Societies* (CITERES, University of Tours and CNRS –National Agency for Scientific Research).

Regarding career prospects, this Master's degree opens the way to a PhD in spatial planning and urban development. It also equips students with expertise to manage and design urban studies, as researchers in a public or private organisation or as consultants. In addition, it opens the way to careers in public or private organizations in the field of sustainable urban development and regional planning throughout the world. These job prospects are continually growing given the high rate of urban development in emerging countries. The lack of courses in planning in these countries and the conversion of urban development to combating climate change make the Master *Planning and Sustainability* a good opportunity for foreign students to develop a professional project including expatriation or integrating the labour market of the country of origin.

Since it opened in 2010 as the final year of a Master degree, this Master has incorporated over 130 students coming from 45 countries all over the world.

From the academic year 2018-2019, the Master programme is organised in two years and provides 120 ECTS. The table below lists the elements of knowledge that should be acquired by after following the two years of the Master's degree. These elements can be split into three categories: (i) analytical (items 1 to 5); (ii) technical, specifically aimed at facilitating sustainable urban development (6 to 12); and (iii) acquired through experience (13 and 14).

Learning objectives targeted by the Master's

	Knowledge elements
1	Spatial (global/regional/local) and sectoral (natural environment-economy-society) interdependence
2	Rapid urban development, land-use management, urban informality and questions of social justice/equity/exclusion
3	Concepts and theories of planning and urban development; right to the city (including public spaces)
4	Institutional frameworks and governance of urban development (including in the global South and emerging countries); participation and involvement of stake-holders in plans and projects
5	Contemporary models of urban development: urban form (compact cities, polycentric regions, new urbanism, etc.) international circulation and local interpretation
6	Spatialization of data through GIS. Spatial analysis
7	Built and natural heritage (old districts, landscapes, wetlands, waterfronts, etc.) and conservation/preservation tools
8	Integration of natural risks in urban development (prevention and management); emerging risks
9	Energy and urban development (e.g. energy transition, "clean" energy systems)
10	Circular economy, responsible production and consumption methods
11	Regional planning instruments (plans and projects)
12	Strategic planning, ecological infrastructures, urban-rural relations
13	Intersectoral collaboration
14	Governance, participative and deliberative approaches

The skills that should normally be acquired by students after following two years of the Master's are listed below.

Skills that are to be acquired

	Skills
1	Ability to define a research question and deal with it in depth
2	Ability to use analytical and research methods (quantitative and qualitative)
3	Ability to integrate theory and practice: situate practical sustainable urban development questions within a scientific field; take a critical look at town planning practices and models
4	Systems theory (holistic and integrative), applying an interdisciplinary approach
5	Ability to conduct territorial diagnoses in a European and/ or global South context
6	Ability to process data statistically and spatially
7	International experience
8	Capacity to contribute to collective work in a multicultural interdisciplinary context
9	Expertise in oral and written scientific English
10	A proficient level of oral communication in French

During the first year (Master 1), the curriculum is organised around 195 hours of seminars and workshops (30 ECTS) and a mobility in a partner university in Europe (30 ECTS). The second year (Master 2) is devoted to 200 hours of seminars and workshops (35 ECTS) and a research internship of 16 weeks months (25 ECTS). Each student writes a Master thesis and is involved in seminars or international conferences.

During the first year, five Teaching Units dealing with urban and regional issues are offered:

Master 1 – Autumn semester:

TU 1 - Group research project 1: the city, 55h –10 ECTS

TU 2 -Theories and models of urban development, 35h – 6 ECTS

TU 3 - Urban challenges: scaling, social and environmental justice, 35h – 6 ECTS

TU 4 - Geomatics, 40h – 4 ECTS

TU 5 -French as a foreign language, 30h – 4 ECTS

Master 1 – Winter semester:

Courses and projects are followed by students in one of the partner European universities – 30 ECTS.

Polytech Tours has mobility agreements with ten different European universities providing English-speaking courses in urban planning and regional development. Out-going mobility is mandatory for all students, in this way strengthening the international dimension of the course. This mobility can also enable the implementation of joint diploma agreements.

During the second year, the programme is the following:

Master 2 – Autumn semester:

Group research project 2, 60h –10 ECTS

Eco-city development models, 30h – 6 ECTS

Research methodology, 20h – 3 ECTS

Water and risks- an interdisciplinary approach, 30h – 6 ECTS, shared with other programmes

French as a foreign language, 30h- 3 ECTS, shared with other programmes

Job search techniques, 10h – 2 ECTS, shared with other programmes

Master 2 – Winter semester:

Research seminar, 20h – 5 ECTS

Research internship – 25 ECTS

DETAILED CONTENTS OF THE TEACHING MODULES

Master 1 – Autumn semester:

Teaching Unit 1 - Group research project 1: the city (10 ECTS)

In this module, students integrate and cooperate in a work group. They undertake an interdisciplinary diagnosis, analysing the spatial situation from the perspective of morphologies, populations, the economy, urban history, etc. They acquire expertise in applied research tools. They produce an analysis grid and test it on the ground.

Teaching Unit 2 - Theories and models of urban development (6 ECTS)

This course provides an understanding of the notions of urbanization and its relationships to the environment. It deals with institutional frameworks, city-regions, metropolitan governance and the involvement of stakeholders in plans and spatial projects.

Teaching Unit 3 - Urban challenges: scaling, social and environmental justice (6 ECTS)

This course analyses the conditions producing contemporary urban forms. It focuses on challenges such as the preservation of environmental qualities of a place, as well as social polarization. It examines current planning approaches such as smart growth and the right to the city.

Teaching Unit 4 - Geomatics (4 ECTS)

This course provides the skills that are necessary to define a GIS and its components, including the ability to model data, to create thematic maps and to choose visual variables. These skills can be applied and further developed in the research projects that are carried out in group or individually.

Teaching Unit 5 - French as a foreign language (4 ECTS)

This module helps students of non-French language of instruction to develop language tools necessary for academic integration, but also social and cultural success. It focuses on French and Francophone cultures.

Master 1 – Winter semester:

Modules and projects are followed in one of the partner European universities (30 ECTS)

Master 2 – Autumn semester:

Teaching Unit 11 - Group research project 2-Sustainable urban development (10 ECTS)

Following this module, which is organised as a workshop, students become experts in analysing a spatial situation from the perspective of sustainability. They develop solutions to such issues as re-using brownfields or mitigating natural risks. They consider different scales (building, block, district...) and link the planner's toolbox with the regional culture, the environment and the users.

Teaching Unit 12 - Eco-city development models (6 ECTS)

The course critically reflects on sustainable urban development 'models', such as new towns, green cities, smart cities, eco-cities. Students will analyse cutting edge urban models worldwide through a variety of interpretations (geography and radical urban development, neoliberal; texts, charters, urban development documents, etc.). They will understand the challenges of planning in urban and peri-urban spaces. They will also acquire skills in using research methodologies for urban comparatism.

Teaching Unit 13 - Research methodology (3 ECTS)

The course helps students to design a research strategy adapted to their topic. This comprises developing research questions, identifying useful sources to conduct planning research, presenting and structuring a research dissertation to meet required norms and rules. Following this unit, students will be able to carry out a critical choice of bibliographic sources and they will understand the idea of an original contribution to research.

Teaching Unit 14 - Water and risks- an interdisciplinary approach (6 ECTS)

This course is about the planning challenges of urban waterfront planning, including the challenge of the heritage dimension and the dimensions linked to sanitation and access to drinking water in emerging countries. It deals with biodiversity and urban development, but also with the different dimensions of risk and vulnerability in relation to planning and urban development projects.

Teaching Unit 15 - French as a foreign language (3 ECTS)

This module helps students of non-French language of instruction to develop language tools necessary for academic integration, but also social and cultural success. It focuses on French and Francophone cultures.

Teaching Unit 16 - Job search techniques (2 ECTS)

This module helps students to develop skills for job searches. It provides abilities to define a professional project and to develop a network approach in a national or international context.

Master 2 – Winter semester:

Teaching Unit 17 - Research seminar (5 ECTS)

Students are trained to producing an analysis grid and to propose research protocols. They develop skills in oral communication with specialists and non-specialists of the planning field.

Teaching Unit 18 - Research internship (25 ECTS)

With the help of a supervisor, students develop a research question in relation to existing work and they conduct a state of the art literature review. They manage their research as a project (scheduling tasks, managing priorities and respecting deadlines). They write a thesis that sets out arguments, and links conclusions to data.

TEACHING HOURS VOLUME AND CREDITS FOR THE MASTER'S TEACHING UNITS

Master 1 PS 2019-2020 (Semester 7)			Volume (Nbr. of Hours)			ECTS
			CM	TD	TP	
TU1	Coef: 6	Group research project 1		30	30	10
	Coef: 3	Case study		15	10	5
	Coef: 3	Analysis		15	15	5
TU2	Coef: 4	Theories and models of urban development	25	10		6
TU3	Coef: 4	Urban challenges	25	10		6
TU4	Coef: 3	Geomatics		40		4
TU5	Coef: 3	French as a foreign language or, for French-speaking students, a programme of conferences in English using distance learning		30		4
Semester 1 Total Hours / Student: 195			50	120	25	30

Master 1 PS 2019-2020 (Semester 8)		Volume (Nbr. Of Hours)			ECTS
		CM	TD	TP	
Coef: 20	Modules and projects in a partner European university				30
Semester 2 Total Hours / Student:					30

Master 1 PS 2019-2020 (Total Year)			Volume (Nbr. of Hours)			ECTS
			CM	TD	TP	
Total Hours (in Tours) / Student: 195			50	120	25	60

Master 2 PS 2019-2020 (Semester 9)			Volume (Nbr. of Hours)			ECTS
			CM	TD	TP	
TU11	Coef: 6	Group research project 2		30	30	10
	Coef: 3	Case study		15	10	5
	Coef: 3	Intervention strategy		15	20	5
TU12	Coef: 4	Eco-city development models	20	10		6
TU13	Coef: 3	Research methodology		20		3
TU14	Coef: 3	Water and risks- an interdisciplinary approach	20	10		6
TU15	Coef: 3	French as a foreign language or, for French-speaking students, a programme of conferences in English using distance learning		30		3
TU16	Coef: 1	Job search techniques		10		2
Semester 1 Total Hours / Student: 180			40	110	30	30

Master 2 PS 2019-2020 (Semester 10)			Volume (Nbr. of Hours)			ECTS
			CM	TD	TP	
TU17	Coef: 5	Research seminar		20		5
TU18	Coef: 15	Research internship				25
Semester 2 Total Hours / Student: 20				20		30

Master 2 PS 2019-2020 (Total Year)			Volume (Nbr. of Hours)			ECTS
			CM	TD	TP	
Total Hours / Student: 200			40	130	30	60

EVALUATION METHODS FOR THE MASTER'S TEACHING UNITS

Type of control: CC: Continuous Control – TE: Terminal Exam

Type of test: W: Written – O: Oral

Master 1 PS 2019-2020 TEACHING UNITS	ECTS	GENERAL REGIME						SPECIAL REGIME OF STUDIES			
		Session 1			Session 2			Session 1		Session 2	
		Type of control	Type of test	Coefficient	Type of control	Type of test	Coefficient	Type of test	Coefficient	Type of test	Coefficient
SEMESTER 7	30										
TU1 - Group research project 1	10	CC	W/O	6	TE	W/O	6	TE	6	TE	6
Case study	5	CC	W/O	3	TE	W/O	3	TE	3	TE	3
Analysis	5	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU2 - Theories and models of urban development	6	CC	W/O	4	TE	W/O	4	TE	4	TE	4
TU3 - Urban challenges	6	CC	W/O	4	TE	W/O	4	TE	4	TE	4
TU4 - Geomatics	4	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU5 - French as a foreign language or, for French-speaking students, a programme of conferences in English using distance learning	4	CC	W/O	3	TE	W/O	3	TE	3	TE	3
SEMESTER 8	30										
30 ECTS obtained in a partner European university											

Master 2 PS 2019-2020 TEACHING UNITS	ECTS	GENERAL REGIME						SPECIAL REGIME OF STUDIES			
		Session 1			Session 2			Session 1		Session 2	
		Type of control	Type of test	Coefficient	Type of control	Type of test	Coefficient	Type of test	Coefficient	Type of test	Coefficient
SEMESTER 9	30										
TU11 - Group research project 2	10	CC	W/O	6	TE	W/O	6	TE	6	TE	6
Case study	5	CC	W/O	3	TE	W/O	3	TE	3	TE	3
Intervention strategy	5	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU12 - Eco-city development models	6	CC	W/O	4	TE	W/O	4	CC	4	TE	4
TU13 - Research methodology	3	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU14 - Water and risks- an interdisciplinary approach	6	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU15 - French as a foreign language or, for French-speaking students, a programme of conferences in English using distance learning	3	CC	W/O	3	TE	W/O	3	TE	3	TE	3
TU16 - Job search techniques	2	CC	W/O	1	TE	W/O	1	TE	1	TE	1
SEMESTER 10	30										
TU17 - Research seminar	5	CC	W/O	5	TE	W/O	5	TE	5	TE	5
TU18 - Research internship	25	TE	W and O	15				TE	15		

Note:

To obtain the Master diploma it will be required from student, at the end of the program, to pass a French test and an English test. Each student will need to score: at least 270 at the TCF and at least 650 at the TOEIC. The TCF and TOEIC tests may be replaced by other equivalent tests.

However, students who could justify upon admission of a B2 level in English are not concerned with the English Level test and symmetrically students who could justify upon admission of a B2 level in French are not concerned with the French Level test. To validate respectively TU 5 and TU15, the French-speaking students follow a programme of conferences in English using distance learning.

5 TUITION FEES AND CONDITIONS REGARDING THE ENROLMENT OF STUDENTS

This chapter states some general key rules and decisions about tuition fees and possible grants for the Master Planning and Sustainability by the University of Tours.

TUITION FEES

1. BASIC REGIME OF TUITION FEES

The Executive Board of the University of Tours has voted on July 4, 2018 on the new tuition fees that are applicable to the Master Planning and Sustainability. The tuition fee applicable for all incoming international students is settled at 2,700 euros for the first year and 5,300 euro for the second year of the Master.

NB1: The payment of these tuition fees is compulsory if the student wants to be granted the full Master Degree.

NB2: For “Exchange Students” who come under the umbrella of a bilateral agreement between the University of Tours and any other Partner University (including in Europe) and who are registered in their home university, there will be no fee to be paid, but the students will be granted only the credits (ECTS) of the courses in which they will be registered and in which they will succeed. An additional certificate can be delivered in such cases, but not the Master Degree.

2. RESEARCH INTERNSHIP AND TRAINING COMPENSATION

In compliance with the available regulations in France and with the rules adopted accordingly by the University of Tours, all Research Masters’ students fully registered must achieve a research training period (Research Internship) of 16 weeks during the Second Semester in a research unit (in France or abroad, including in their home university) to prepare their Research Master Thesis.

Case 1: The student achieves her/his research-training period **within** an academic research centre in France (and specifically in Tours, in the CNRS research unit CITERES: Cities, Territories, Environment and Societies). In this case, **the student will get from the research unit a Training Compensation of approximately 2,000 euros** (slight variations are likely to occur depending on the management rules of the University and/or the research unit).

NB: This compensation provision is dictated by the French Regulation for every student (whatever her/his citizenship) achieving in France a training period of more than 8 full weeks.

Case 2: The student achieves her/his research-training period in an academic research centre outside France. This could include the home country (and specifically a research centre or an academic department in her/his home university). In this case, the French regulation does not apply and the possibility for the student to get a Training Compensation depends on the local rules.

NB1: In case the research training-period is achieved abroad or in the home country, the student must provide an official document specifying where (country, city) and with whom (research unit or academic department) and the name and complete information about the responsible in charge of him/her (tutor, research responsible, etc.).

NB2: In any case, the fully registered student in the Master PS must be (co)supervised by a Professor intervening in the Master or in the associated research unit and must prepare and present a Research Master Thesis under the authority of this supervisor. **This is a compulsory condition for being granted the Master Degree in Planning and Sustainability.**

3. REGIONAL SCHOLARSHIPS

Every year, the Region Centre Val de Loire allocates a certain number of scholarships **to students fully enrolled in the Master program**, i.e. to students who effectively pay the tuition fee.

NB: Exchange Students are not eligible for these grants.

The beneficiaries will receive a **personal notification** for the award of this scholarship.

The standard amount of this scholarship is 500 euros per month during 4 months (the amount can be different for the regional cooperation priority areas) from October to January included (i.e. 2,000 euro of total grant for every beneficiary).

CONDITIONS REGARDING THE ENROLMENT OF STUDENTS WITHIN THE MASTER PROGRAM

Length of the program: **two years** (four semesters) **starting every Academic Year in late September or very early October**.

Admission requirements: The program targets English-speaking graduate students specializing in urban and regional planning, environment and local development.

For students applying to the first year, the requirement corresponds to at least 180 European credits (ECTS). For students applying to the final year, the requirement corresponds to at least 240 European credits (ECTS).

Application Process: An application form must be filled by the applicant and sent in due time to the University of Tours, together with all the required complementary documents. A jury examines each file and admits or rejects the application. Application deadlines: early application 20th January 2020, late application 30th June 2020.

English Proficiency: Level B2 of the Common European Framework of Reference for Languages or equivalent, i.e. minimum level required (for non-native English speakers): Paper-based TOEFL score = 577, Internet-based TOEFL score = 87, TOEIC score = 650, IELTS = 5, Cambridge = FCE.

French Proficiency: Only required for everyday life (minimum recommended level: A1 of the Common European Framework of Reference for Languages, i.e. TCF 1 or DELF A1). Enrolled students at beginners' level will benefit from French courses offered by the Polytechnic School and pass a TCF test (see above Chapter 3, Section 3.2, Module 8).

NB: The Enrolment Committee of the Master's can occasionally consider applications of students who do not already match the B2 level for English Proficiency, but who are close to it. In this case, enrolled students may benefit from English courses offered by the Polytechnic School.

Application and contacts:

Polytechnic School website: <http://polytech.univ-tours.fr/m2ri-planning-sustainability>

Contacts:

Academic contact information: Prof. Christophe DEMAZIÈRE, Head of the Master's Planning and Sustainability: christophe.demaziere@univ-tours.fr

Administrative contact information: Mrs Annabelle NOUR : master.amenagement.polytech@univ-tours.fr

6 METHODS OF ASSESSMENT OF MASTER DEGREES AT THE UNIVERSITY OF TOURS

METHODS OF ASSESSMENT AND RULES TO PASS AT THE UNIVERSITY OF TOURS

The Board of Studies and University Life (CEVU) of July 3rd, 2008, unanimously adopted CEVU amendment of September 17, 2009.

The Board of Directors of September 15th, 2008, unanimously adopted on September 28, 2009:

MASTER'S DEGREE

Pursuant to the order of April 9th, 1997, decrees 2002-480,481,482 of April 8th, 2002, and order of April 25th, 2002, relative to the national master's degree:

1. A Licence holder student is by rights granted access in the same field for the first 60 European credits. Admission to the 2nd year of Master's degree is granted by the President of the University upon proposal from the academic staff.

2. The Master's degree is granted when 120 European credits have been obtained beyond the Licence.

3. Methods of assessment are established in every degree no later than the end of the first month of the academic year and cannot be amended during that same year.

Exceptional provisions

In the event of exceptional circumstances assessed on an individual basis by the President or acting on his/her authority, by the Vice-President of the CEVU, "continuous assessment may be replaced by a final examination that remains to be defined. In addition to this, should the course include a final examination, it may be replaced by other methods of assessment that will be defined according to the circumstances."

These provisions must be validated by the appropriate boards.

4. A special study program including adjustments for assessment is defined for each degree and for certain categories of students, such as students who hold jobs or have specific duties in academic or student life (which comprises students who have been elected to the three university boards and the board of directors of the CROUS), students enrolled in dual degrees, students with families, disabled students and athletes.

5. A table specifying the methods of assessment, including those under the special study program (type of test, factors for each course component and each course unit) is completed and attached to the course table.

6. Two testing sessions are organized per semester. Second session examinations of the first and second semesters are held either within two months at least of the first session, or within two weeks at least of the first session, provided that the second session is preceded by an Individual Academic Program. Dissertations and internship reports take place in a single session.

7. Different course components that make up a course unit may compensate for each other.

8. Course units within the same semester may compensate for each other; this is set up over the same semester based on the average of grades obtained for different course units weighted by factors. **The internship/individual dissertation grade cannot make up for the grades of other units (or other courses and activities) and vice-versa: this provision is valid for all M2 and M1 with a long internship or a dissertation based on an introduction to research.** All grades from other units are included in this system: if the average of all these units stands below 10/20, students will have to re-sit for all the units whose average grade scores below 10/20. Students retain the benefit of the course units they have obtained.

9. **There is no compensation between semesters, neither between teaching units and the research internship (TU18).**

10. Course components for which students have obtained an average grade are acquired once and for all. Obtaining a course component entails that the corresponding European credits are obtained.

11. Course units for which students have obtained an average grade are acquired once and for all. Obtaining a course unit entails that the corresponding European Credits are obtained (30 credits per semester).

12. The intermediary Master's degree conferring 60 European Credits is awarded after the 1st year-Master examining committee's due deliberation and upon the student's request.

13. The Master's degree is awarded at the end of four semesters after the examining committee's due deliberation, granting 120 credits, provided that the student scores **at least 270** at the TCF and **at least 650** at the TOEIC. The TCF and TOEIC tests may be replaced by other equivalent tests.

14. A Master's degree is awarded based on both semesters of M2. Repeating the second year is not accepted, except under exceptional circumstances to be assessed by the examining committee and upon decision of the President of the University.

PLAN des sites universitaires



- IUT de Blois**
15 rue de la chocolaterie à Blois
Tel. : 02 54 55 21 21
www.iut-blois.univ-tours.fr
- IUT de Tours**
29 rue du Pont-Volant à Tours
Tel. : 02 47 36 75 81
www.iut.univ-tours.fr
- UFR Lettres et Langues**
3 rue des Tanneurs à Tours
Tel. : 02 47 36 68 35
www.lettres.univ-tours.fr
- UFR Arts et Sciences Humaines**
3 rue des Tanneurs à Tours
Tel. : 02 47 36 68 36
www.ash.univ-tours.fr
- CESR (Centre d'Études Supérieures de la Renaissance)**
59 rue Néricault-Destouches à Tours
Tel. : 02 47 36 77 60
www.cesr.univ-tours.fr
- UFR Médecine**
10 boulevard Tonnellé à Tours
Tel. : 02 47 36 60 04
www.med.univ-tours.fr
- Présidence**
Services centraux et communs
60 rue du Plat d'Étain à Tours
Tel. : 02 47 36 79 90
www.univ-tours.fr
- UFR Droit, Économie et Sciences Sociales**
50 avenue Jean Portalis à Tours
Tel. : 02 47 36 10 92
www.droit.univ-tours.fr
- École d'Ingénieurs Polytechnique de l'Université de Tours**
64 avenue Jean Portalis à Tours
Tel. : 02 47 36 14 14
www.polytech.univ-tours.fr
- UFR Sciences Pharmaceutiques**
31 avenue Monge à Tours
Tel. : 02 47 36 71 42
www.pharma.univ-tours.fr
- UFR Sciences et Techniques**
Parc de Grandmont à Tours
Tel. : 02 47 36 70 34
www.sciences.univ-tours.fr



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