

WHAT IS TPTI?

TPTI is an education in industrial heritage, the expertise of historical technical environments, the patrimonialization of technical knowledge, and the management of technical landscapes. Offered by the University of Paris 1 Panthéon-Sorbonne, Padua, Evora, Alicante, the Faculty of Arts and Humanities of Sfax, the Czech Technical University in Prague, and the Federal University of Technology – Parana, it is aimed toward cultural historians, architects and cultural trades, as well as economists and administrators specialized in cultural heritage.



Training: Specializing in technical, craft and industrial heritage, with the dual aspects of **culture** and **territorial impact** (architecture, landscape), TPTI crosses **historic and site analysis, research and management, action research and development**, with a view to **sustainable development**. TPTI teaches students high-level scientific knowledge and prepares them for a professional career through internships, linguistic learning and mobility through various European and non-European countries.

Objectives: To train administrators and cultural managers, placed into international cultural management networks, capable of contributing to the globalizing world by constructing, around craft production and technical culture, adequate internal socioeconomic balances.

Prospects: Scientists: pursuit of the research works within the framework of the international doctoral program HERITECHS; **Professionals:** application and valuation of the knowledge and the acquired skills, either with regions with a measure of autonomy (museums, inventories, collections), or in structures of education, or in private sector (museum conception, consulting in management and valuation of territories and monumental structures, communication, scientific and technical journalism).



THE GRADUATE TPTI

Joint diploma : delivery by University Paris 1 Panthéon-Sorbonne of a French diploma in international partnership with the University of Padua and the University of Évora and for which the partner universities give ECTS credits.

Diploma supplement : This supplement to the diploma, in English, testifies to the coursework, field work and internship of the student.

WORKING LANGUAGES

TPTI is based on a scientific network having long worked on questions of technical thought, the social history of industry, and industrial archaeology in connection with territorial planning and regional development. The principal language of this network, which maintains close ties with the universities of Central Europe, Latin America, is **French**.

The linguistic course is the following:

- **French and English** at University Paris 1 Panthéon-Sorbonne in France
- **Italian and English** at the University of Padua in Italy
- **Portuguese and French** at the University of Évora in Portugal.

CONTINUOUS ASSESSMENT

The forms of evaluation in continuous assessment are the following: diligence, synopsis or synthesis for seminars and cursus report for the internship and the visits; diligence and participation for the tutored project. For the mobility of speciality the evaluation includes the validation of the seminars and the writing of a final report of synthesis of all the activities estimated jointly by professor-tutor, professional and expert if necessary the professor referent.

TUTORED PROJECT

The tutored project is an added value. Its implementation is the fruit of the experience gained in multicultural group management and remote monitoring of students.

At the beginning of the first year of studies, students are divided into working groups. Their background skills are combined in order to provide each group with the essential expertise in different fields of study: architecture, history, archeology, museology, management and legislation of cultural heritage, etc. Each group is supervised by a tutor. Meetings between tutor and students are held in person or by web-conference once every two weeks. Within each tutored project, students work independently and may participate in training workshops with professionals and career advisors.

Every group is given a topic, related to selected areas of research agreed upon by the teaching staff. Tutors and students discuss the realization of the project, which will be developed along two years. The activities to be carried out within the project may relate to the following: implementation of a virtual museum, or implementation of an inventory, or cultural enhancement of a significant site or collection, or the organization of an exhibition, or development of a museum concept, enhancing a significant industrial site or collection.

STUDY PROGRAMME

Semester 1

(Université Paris1 Panthéon-Sorbonne)

UE1: Methodology and Practical Training, 10 ECTS

UE11. Methodological approaches, 3 ECTS

Technical systems, history and epistemology

UE12. Course Module on Practical Training, 7 ECTS

Training

Supervised group project

Historical heritage IT project

UE2: Compulsory, 10 ECTS

History of Technique

History and functioning of cultural institutions and organizations

UE3. Scientific environment, 10 ECTS

EU31. Webinar TPTI + 1 disciplinary complementary seminar of your choice, 5 ECTS

Cursus "Scientific, technical and industrial culture":

Cultural heritage of science and technology in context

Patrimonialisation of scientific objects

Law archives

History and law archival institutions

Cursus "Management of historical technical environments":

Archeology of technical structures

Cartography and GIS

Local Government Law

Legal protection of sites and landscapes

EU32. 2 language courses, 5 ECTS

LV1: French or initiation into Portuguese or Italian for Francophones

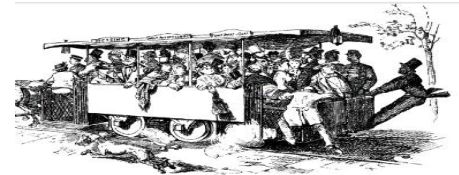
LV2: English or initiation into Portuguese or Italian for English speakers



Projects : [Oeuvres de genie](#)



[Company towns](#)



[World tramway](#)

Semester 2
(University of Padoue)

UE1: Methodology and Practical Training, 10 ECTS
UE11. Museum of industrial heritage, 3 ECTS

UE12. Project, 7 ECTS

Training

Supervised group project

Industrial heritage: knowledge and project

UE2: Compulsary, 10 ECTS

From archeology to industrial heritage

Industrial Heritage and Local Development

UE3: Scientific Environment, 10 ECTS

UE31. Webinar TPTI + a seminar complements disciplinary choice, 5 ECTS :

City and industry

History of work

Urban Anthropology

Oral history of material and intangible heritage

UE32. Languages, 5 ECTS

Italian (for Italian native speaker introductory / strengthening courses of French, or Portuguese, or Spanish)

English (for English native speaker introductory / strengthening courses of French, or Portuguese, or Spanish)

Semester3
(University of Evora)

UE11. Methodology and Practical Training, 10 ECTS

UE11. Heritage and museology construction of memory, 3 ECTS

UE12. Project, 7 ECTS

Training

Supervised group project

Images, sources of technical heritage

UE2: Compulsary, 10 ECTS

Ecosystems, landscape and heritage management

The landscapes of technical innovation and social impact analysis

UE3: Scientific Environment, 10 ECTS

UE31. Webinar TPTI + a seminar complements disciplinary choice, 5 ECTS :

Aesthetic and technical crafts and industrial

Technical Arab-Islamic world in the Middle Ages

History and heritage of engineering

Science and Cultural Heritage

UE32. Languages, 5 ECTS

Portuguese (for Portuguese native speaker introductory / strengthening courses of Italian, or English, or Spanish)

French (for Portuguese native speaker introductory / strengthening courses of Italian, or English, or Spanish)

Semester 4
(In the university of the reference professor)

UE41: Mobility of speciality, 5 ECTS

Individual, she lasts 5 weeks between January and February of S4. This arrangement is an integral part of the program since 2008. She increases the autonomy of the student, completes her training and prepares him possibly to integrate the international doctoral program HERITECHS. The student chooses two seminaries, among those proposed, in his mobility of speciality's University :

Option Heritage and Economy of cultural property at the University of Alicante (Spain) :

Economy of natural resources

Cultural heritage management

Cultural heritage economy

Option Socio-history of the contemporary Technologies at the Polytechnic University of Prague (Czech Republic):

Technical culture and social development: the Czech example

Technosciences and factory of the History

History of the electricity and the electrification

Option archaeology and development at the University of Sfax (Tunisia):

The traditional shipyards in the Mediterranean Sea

Port cities in the Maghreb, the urban planning and exchanges networks

Introduction to mobility Erasmus + program

Option Work, mediations and cultures, techniques and company at the University, of Federal Technology of Paraná (UTFPr, Curitiba, Brazil):

Technologie and society

Gender and technologie

Mediations and Culture

UE42: MASTER'S THESIS, 25 ECTS

SPECIALITY TRAINING

The **internship** and **field work** offer students a concrete vision of the patrimonial methods used in the concerned countries and an appreciation in the usage of correct practices.

Organized during S1, the internship lasts a minimum of 3 weeks in January and occurs after the signature of an internship agreement between the UP1 and the welcoming organization.

Organized during S2 and S3, the visits occur in two phases: 1) Presentation of the major themes of the visit, critical questioning and site particulars during the preparatory weeks, in which town planners, historians, archaeologists and architects participate; 2) Site visits, followed by a mandatory report. These activities are mentioned in the diploma supplement.

INTERNATIONAL SCIENTIFIC ADVICE (CSI)

Every year, independent of national agencies, the program undergoes an evaluation by the International Scientific Council (CSI). This input, validated by the CSLM, consists of academics and professionals recognized for both their experience and the quality of their expertise: J.-C. Daumas, University Professor of Economic History, University of Franche-Comté; H.L. Dienel, Director for Technology and Society, University of Technology, Berlin; Mr. El Faiz, Professor of Economic and Agronomic History, University Cadi Ayyad of Marrakesh, Morocco; Mr. Saül, Professor, Department of Anthropology, University of Illinois, United States; A. Vilanova, architect, Barcelona; Belem Oviedo Gamez, President of TICCIH Mexico.

HOW APPLY?

All students wishing to apply for enrolment to the TPTI Master Degree must register on the online registration platform. <http://application.tpti.eu/>

Admission Requirements:

Bachelor's degree in history, geography and spatial planning, archeology, physical sciences (metals geology), chemistry. Bachelor's degree.

The graduate level for engineering school of architecture, landscape, heritage.

Eligibility:

This file must include :

- Certified photocopy of the diploma required for enrollment or equivalent in the scientific and/or professional field
- Attestation of the level of language (French or in English)
- A written letter of motivation written in French or in English
- Two letters of recommendation in English or french, from professors of the University of origin or, for the professionals, scientific directors or superior
- A *curriculum vitae* (special attention will be given to candidates already having experience in the field : internship, work, ...).
- A study project
- Registration from duly completed, dated.

Selection criteria :

Candidates are admitted after analysis of their application by the jury on the following criteria: Academic excellence (25%); Research project (25%); Cover letter (15%); Professional experience (15%); Languages (10%); University of origin (10%). Particular attention will be paid to the letter of motivation and the project.

CONTACTS

TPTI Technical coordination, Centre Malher, Office 503
Evelyne Berrebi – tpti@univ-paris1.fr - +331 44 78 33 28

TPTI Scientific secretariat, Centre Malher, Office 503
Anne-Sophie Rieth – mastertpti@univ-paris1.fr - 01 44 78 33 73

Website: www.tpti.eu