

## **Master Programme – Study, diagnosis and restoration of archaeological materials**

**Dates:** 5 March - 30 November 2007

**Place:** Xi'an, Shaanxi Province, People's Republic of China

### **Partners**

- University of Bologna – Ravenna Campus, Degree course of Technologies for the conservation restoration of cultural heritage
- Xi'an Jiaotong University, Xi'an, China
- Xi'an Centre for the conservation and restoration of cultural relics

### **Hosting Partners**

- University of Bologna – Ravenna Campus, Degree course of Technologies for the conservation restoration of cultural heritage, Ravenna
- Xi'an Jiaotong University, Xi'an
- Xi'an Centre for the conservation and restoration of cultural relics, Xi'an
- Shaanxi Archaeological Institute, Xi'an
- Shaanxi Archives Museum, Xi'an
- Xi'an Archaeological Institute, Xi'an
- Terra-cotta Museum, Lintong

### **Background and aims**

The University of Bologna promotes the organisation of international projects such as Master programmes, Summer Schools, Symposiums, Meetings and other occasions. These projects favour the internationalisation of research and teaching events by means of integrating Italian and foreign professors, researchers and students. Within this framework an agreement was signed with the partners Institution for the organization of this joint Master which is aimed at presenting, sharing and discussing with participants Italian and Chinese scientific approaches to the study, diagnosis and restoration of archaeological materials.

### **Course Objectives and Expected Results**

Using both lectures and laboratory sessions the course allows participants to learn how to develop and implement a conservation-restoration project on archaeological materials. It will allow them to identify their role into the conservation restoration project and be acknowledged with the most advanced diagnostic tools, conservation-restoration materials and methods adopted for a variety of archaeological material. Participants will also learn how to assess the cultural messages and significance of the archaeological objects and draft plans, addressing presentation and research projects.

By the end of the course, the participants will be able to use a methodology for conservation-restoration planning that they can adapt and use in their own national contexts.

### **Course Contents**

The course will be implemented over a period of five months lectures and laboratory session that will be held in Xi'an (concepts of history and theory of archaeological restoration, research methodology, archaeometry, "in situ" first intervention, diagnosis, degradation and conservation-restoration materials and methods for metal/alloy, organic materials, stone, mural paintings, ceramic and glasses) and the second part which comprises a period of three months stage to be implemented both in Xi'an (for the foreign participants) at the Chinese hosting partners and in Italy (for the Chinese participants) at Ravenna and other private and public conservation institutes.

The course will consist of interactive, participatory sessions, both theoretical and practical, carried out in a classroom environment, on archaeological sites and scientific laboratories. Study visits and some applied work at the selected archaeological sites in Xi'an will complement work carried out in the classroom. The course instructors are Italian and Chinese experts and specialists from the networks of the organizing institutions.

### **Participants and Admission**

The course is intended for 20 participants (of which 10 Chinese) with varied profiles (natural scientists, conservators, archaeologists, architects, etc.). Their admission to the course will be subject to selection criteria including, at least, a bachelor degree in a relevant field of study, and adequate knowledge in science, archaeology and conservation. Candidates are also requested to provide a letter stating clearly the reasons for applying to the course, what they hope to learn from it, and how it will benefit them. The main partner institutions will make the final selection of qualified applicants according to these requirements.

A joint Master degree in "Study, diagnosis and restoration of archaeological materials" from the Universities of Bologna and Xi'an Jiaotong will be awarded to participants who successfully complete course requirements.

### **Admission fee**

An admission fee of 5000,00 Euros, which covers accommodation expenses in Xi'an to eligible participants during the course period. is requested. Participants will be in charge of their air travel expenses. All participants will have a health and accident insurance issued by the Master partners Institutions.

### **Working languages**

The working languages will be English. Proficiency in English will be required particularly for research work and reading of reference materials.

### **Application**

Further information on application and possible financial support can be asked to the following address:

Fondazione Flaminia  
Ufficio Master  
Via Baccarini, 27  
48100 RAVENNA  
Italy  
Email: [master@fondazioneflaminia.it](mailto:master@fondazioneflaminia.it)

**Application deadline:** 31 Dicembre 2006