



Direzione Ricerca,  
Innovazione e  
Internazionalizzazione

**UNIVERSITÀ  
DI TORINO**

**ID**

**VP\_109\_INF**

## **Visiting Professor Program Academic Year 2025/2026**

**TEACHING COMMITMENT:** 12 hours

### **COURSE TITLE**

**From Ontology Engineering to Knowledge Graphs**

### **TEACHING PERIOD**

I semester

### **SCIENTIFIC AREA**

Semantic Web and Linked Data

### **LANGUAGE USED TO TEACH**

Italian

### **COURSE SUMMARY**

The course will describe and illustrate a reference pipeline for semantic data gathering from data modeling to KG creation and publication. The pipeline will be exemplified using real case studies involving NLP techniques.

### **LEARNING OBJECTIVES**

The students will acquire familiarity with the tools and techniques employed in the pipeline, from modeling methods and techniques to knowledge graph construction, with the specific focus on data reuse and FAIRification.

### **OTHER ACTIVITIES BESIDE THE COURSE**

A seminar on the visiting scholar's on KG construction and use in cultural contexts will be organized for the PhD students.

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### **VISITING PROFESSOR PROFILE**

The ideal candidate should have relevant publications on the course topics (applications of semantic technologies, digital heritage, ontology engineering) and research experience in scientific projects, with a specific focus on cultural heritage.

### **CONTACT REFERENT**

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