



**Università  
degli Studi  
di Ferrara**

**IUSS**  
Istituto Universitario  
di Studi Superiori  
IUSS-Ferrara 1391

Università degli Studi di Ferrara  
Ufficio IUSS  
Corso Porta Mare, 2 • 44121 Ferrara  
[dottorato@unife.it](mailto:dottorato@unife.it)



## **COMPLEMENTARY SKILLS 2018**

### **“ Computer technology for Ph.D. Students ”**

#### **BASIC GOALS**

**Dott. Riccardo ZESE**

Computer tools for research projects

- ✓ Work environment and best operating systems for research projects
- ✓ VPN use under Linux
- ✓ Basic tools for scientific publication editing (Latex)
- ✓ Matlab
- ✓ Tools for scientific data-bases
- ✓ Basic methods for collaboration, sharing and editing in a research environment
- ✓ Methods and goals of the research publication process
- ✓ Evaluation quality index, specifically for the Italian evaluation system



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## **COMPLEMENTARY SKILLS 2018**

### **” Computer technology for Ph.D. Students**

#### **GOALS FOR SCITEC AREA**

**Prof. Guido SCIAVICCO**

**Recipients:** Ph.D. Students in Engineering, Architecture and Urban Planning, Earth and Marine Sciences, Physics, Mathematics

Fundamentals of Data Analysis: theory and applications

- ✓ Elements of Statistics
- ✓ Data mining
- ✓ Machine learning
- ✓ Tools



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## **COMPLEMENTARY SKILLS 2018**

### **“ Computer technology for Ph.D. Students”**

#### **GOALS FOR SCITEC AREA**

**Dott.ssa Francesca TASSI**

**Recipients:** Ph. D. Students in

Biomedical and Biotechnological Sciences,  
Molecular Medicine and Pharmacology, Chemistry,  
Evolutionary Biology and Ecology, Translational  
Neurosciences and Neutotechnologies

Detailed study of most widespread computer systems and  
dedicated data-bases

- ✓ Biomolecular data-bases and biological/scientific software
- ✓ Currently available Data-base for different Research  
Doctorates



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## **COMPLEMENTARY SKILLS 2018**

### **“ Computer technology for Ph.D. Students”**

#### **GOALS FOR SUS AREA**

**Dott.ssa Brunella MUTTILLO**

**Recipients:** Ph.D. Students in Humanities, European Union Law and National Legal Systems, Economics and Management of Innovation and Sustainability

- ✓ Computer cataloging and archives
- ✓ Scientific publication
- ✓ European Union Data-bases

**This seminar series is part of the complementary skills activities for all Ph.D. Students enrolled in the 32nd, 33rd and 34th cycle. Ph.D. Students who will attend at least 70% of the course will be assigned 5 credits.**

**For more info please contact IUSS – Ferrara 1391; [dottorato@unife.it](mailto:dottorato@unife.it)**