Università degli Studi di Ferrara

IUSS
Istituto Universitario
di Studi Superiori
IUSS-Ferrara 1391

COMPLEMENTARY SKILLS 2018

" Computer technology for Ph.D. Students"

Teachers

Dott. Riccardo Zese

Prof. Guido Sciavicco

Dott.ssa Francesca Tassi

Dott.ssa Brunella Muttillo

Period

November 2018

The Course is organized in collaboration with Prof. Massimiliano Mella and Fabrizio Riguzzi – Department of Mathematics, University of Ferrara

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

Università degli Studi di Ferrara
Ufficio IUSS
Corso Porta Mare, 2 • 44121 Ferrara
dottorato@unife.it

BASIC GOALS

Dott. Riccardo ZESE

Recipients: All Unife Ph.D. Students

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

Università degli Studi di Ferrara
Ufficio IUSS
Corso Porta Mare, 2 • 44121 Ferrara
dottorato@unife.it

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

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

Università degli Studi di Ferrara
Ufficio IUSS
Corso Porta Mare, 2 • 44121 Ferrara
dottorato@unife.it

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