Teach Mob – Visiting Professors  
Academic year 2017/2018

2nd Term

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>Principles of evolutionary Biology and ethoecology</th>
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<tbody>
<tr>
<td>Scientific area</td>
<td>Animal behaviour BIO/05 Zoology</td>
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<td>Department of Life Sciences and Systems Biology</td>
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<td>Language used to teach</td>
<td>English</td>
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<td>Teaching Commitment:</td>
<td>32 hours</td>
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Course summary
The course will deal with:
- Basic research methods within ethoecology and conservation biology
- Research methods, experimental design.
- Specific methods within field animal behaviour
- How to combine research methods and approaches from different disciplines.
- Camera traps survey
- The applications of animal behaviour to solve or detect wildlife conservation problems
- The applications of animal behaviour in biogeography or population ecology studies

Learning objectives
The objectives of this course are to train students:
- To design strong research protocols
- To learn how to collect, analyse and present data in ethoecology research
- To learn how to use indirect methods as camera traps

Tutorship activities
Tutoring of students by long distance methods – All lectures video recorded and in Moodle platform.

Lab activities
The students will be involved in practical and in methodological applications

Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences
He will give:
- Seminars within the “Biology and applied biotechnologies” PhD program
- Conferences to researchers of Dip. Scienze della vita e Biologia dei sistemi.

Visiting Professor Profile
The candidate should have:
- a record of high-impact scientific publications in the field of animal conservation and ethoecology
• a wide experience in Evolutionary Ecology and Ethology and in behaviour applied to conservation biology and management of protected areas.
• should master the research methods utilised to study animal behaviour, including field methods, comparative and phylogenetic analysis.
• Interest in international cooperation

Contact person at the Department
Prof.ssa Cristina Giacoma – cristina.giacoma@unito.it
alessandro.portigliatti@unito.it