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| General Information | |
| Academic subject | Wildlife Biodiversity Management (Module of I.C. Wild Animal and Plant Resources of the Agri-Forest Landscapes) |
| Degree course | Master course in Agri-Environmental and Landscape Sciences |
| Curriculum | |
| ECTS credits | 3 |
| Compulsory attendance | No |
| Language | Italiano |

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| Subject teacher | Name Surname | Mail address | SSD |
| | Eustachio Tarasco | eustachio.tarasco@uniba.it | AGR/11 |

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| ECTS credits details | | | |
| Basic teaching activities | | | |

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| Class schedule | |
| Period | First semester |
| Year | Second year |
| Type of class | Lectures, 2 ECTS (16 hours) Laboratory and field classroom and workshops, 1 ECTS (14 hours) |

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| Time management | |
| Hours | 75 |
| In-class study hours | 30 (16 Lectures + 14 Laboratory) |
| Out-of-class study hours | 45 |

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| Academic calendar | |
| Class begins | |
| Class ends | |

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| Syllabus | |
| Prerequisites/requirements | Know the main aspects of Faunistic Biodiversity, inherent the management of the wildlife in agro-forestry ecosystems |
| Expected learning outcomes | <p><i>Knowledge and understanding</i> Knowledge of the basic elements of Faunistic Biodiversity Knowledge of animal interaction with the environment and forestry</p> <p><i>Applying knowledge and understanding</i> Ability to assess animal biodiversity in agro forestry ecosystems Ability to analyze and manage the relationships between wildlife and territory</p> <p><i>Making informed judgements and choices</i> Ability to analyze and manage the faunal components within environmental contexts in the light of the reports between human activities and the natural environment. Ability to evaluate the most suitable solution to eco-friendly management and sustainable use of fauna</p> <p><i>Communicating knowledge and understanding</i> Ability to present the results of projects and develop jobs by themselves or in group activities, through the preparation of technical reports and oral exposure, using an appropriate technical language</p> <p><i>Capacities to continue learning</i> Ability to ensure the continuous updating of knowledge in the specific field, even with tools that make use of new communications technologies and information technology Ability to deal with the typical problems of agro-forestry land fauna,</p> |

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| | including through innovative technical solutions |
| Contents | <p>Outlines on zoology. Wild fauna management in Mediterranean ecosystems. Animal population dynamics. Protected areas and ecologic nets. Theory and practice of fauna management. Preservation and protection of animal species. Monitoring techniques of animal taxa; characterization of animal taxa as indicators of biodiversity; bio ethology of main bioindicators taxa (i.e. insects and birds); monitoring systems of bioindicators. Biological quality of soil (BQS). Biological quality of water (IBE). National and international rules. Convention on International Trade in Endangered Species (CITES). Human dimension. Ethics and animal biodiversity. Animal rights. Biodiversity safeguard; utility e importance of its defense and protection in different ecosystems.</p> |
| Bibliography | <ul style="list-style-type: none"> • Animal Diversity, (Cleveland et al., 2008, McGraw-Hill ed.) • Biodiversità in ambiente urbano (Giordano et al., 2002). • In Difesa della Biodiversità (Massa B., Perdisa Editore) |
| Notes | <p>Students could get a copy of all presentations utilized for lectures, including also those eventually needed for the practical activities, downloading them through the repository</p> <p>There is not a text in Italian language which treats all topics of the present discipline. Information can be fragmented or too specialistic on Italian and International Journals and books.</p> <p>Therefore, students are strongly invited to follow the lessons in order to have simplified and updated information</p> |
| Teaching methods | <p>Topics will be treated with the help of Power Point presentations, classroom exercises relating to case studies, analysis of scientific publications. All material will be shared through the electronic platform.</p> |
| Assessment methods | <p>Only the students enrolled in the academic year during which this module is offered, can have an intermediary exam during the teaching period of module. The result of this intermediary exam remains valid for the whole academic year and concurs to the final evaluation of the student.</p> <p>The intermediary exam will be given on the subjects treated during the lessons and the practical activities as reported in the Didactic Regulation in Agri-Environmental and Landscape Sciences and syllabus (annex A) and which is correlated to the actual teaching period. The evaluation of the intermediary exam is expressed in thirtieths.</p> <p>At the end of the module teaching period, the students, who passed positively the intermediary exam, can give the final exam concerning on the subjects treated during the lessons and the practical activities since the intermediary exam, as reported in the Didactic Regulation Agri-Environmental and Landscape Sciences and syllabus (annex A) and which is correlated to the actual teaching period.</p> <p>Students who did not pass or give the intermediary exam will be examined on the whole subjects treated during the lessons and the practical activities as reported in the Didactic Regulation in Plant Medicine (art. 9) and syllabus (annex A) and which is correlated to the actual teaching period.</p> <p>The intermediary and the final exams consist of an oral test. The evaluation of the student is based on criteria previously fixed such as reported in the Annex A of the Didactic Regulation in Plant Medicine.</p> <p>The exam for foreign students can be given in English according to</p> |

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| | the above reported modalities. |
| Evaluation criteria | <p>Correctly describe faunal relationships with the environment and possess sufficient knowledge about basic elements of applied entomology</p> <p>Ability to identify tools of governance of wildlife in agroforestry land. Ability to critically describe the relationships that different animal <i>taxa</i> have with the various components of agroforestry ecosystems</p> <p>Ability to describe fauna and environmental contexts in the light of the reports between human activities and the natural environment. Ability to identify the policy instruments best suited to eco-friendly management of faunal biodiversity</p> <p>Knowing how to present clearly and exhaustively the results of projects and develop jobs by themselves or in group activities, through the preparation of technical reports, presentations, oral exposure, using an appropriate technical language</p> <p>Be able to retrieve bibliographic and statistical sources themselves to continuously update their skills.</p> |
| Further information | Visiting hours. Wednesday, Thursday and Friday from 10:00 am to 12:00 am, after a request of appointment. |