|  | Course title : | URBAN ZOOLOGY |  |  |
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| Course code | Subject Status | Semester | ECTS credits | Number of <br> hours |
|  | Obligatory | I | 4 | $2 \mathrm{P}+1 \mathrm{~V}+1 \mathrm{~L}$ |

Study program is organized: at Master studies, Study program Plant Production, field of study Plant Protection (duration 4 semesters, 120 ECTS credits, after completing undergraduate studies during 3 years and 180 ECTS credits)
Prerequisites other subjects (recommendation): There are no requirements for reporting and lecture of this course
Course aims: Introducing students to the basics of zoology in urban areas. Enabling students to assess the state of diversity of animal species in urban areas, their impact on humans and domestic animals. Considering the anthropogenic impact on urban populations of different animal species in order to enable students to make a decision on the manner and time of their control using pesticidal and non-pesticidal pest control measures.
The name of teacher and assistant: assis.prof Igor Pajović

| Method of Teaching: Lectures, seminars, consultations, colloquiums and final exam. |  |  |
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| WORK PLAN: |  |  |
| Week and date |  |  |
| Preliminary weeks |  | Preparation and semester enrollment |
| I Week | Lecture | Introduction to Urban zoology |
|  | Exercises | Introduction to laboratory work, use of keys for determination |
| II Week | Lecture | The concept and characteristics of urban habitats |
|  | Exercises | Field work techniques, sampling |
| III Week | Lecture | Characteristics of animal populations in urban habitats |
|  | Exercises | Animal groups of importance for urban habitats: Protozoa, Plathelminthes, Nematodes |
| IV Week | Lecture | Causes and consequences of urban habitats by various animal species important in communal, medical and veterinary hygiene |
|  | Exercises | Animal groups of importance for urban habitats: Annelida |
| V Week | Lecture | Vector species and their relationship to humans and other organisms in urban areas |
|  | Exercises | Animal groups of importance for urban habitats: Arthropoda |
| VI Week | Lecture | Animals of importance in urban habitats from the Protozoa, Plathelminthes, Nematode and Annelida groups. Colloguium I |
|  | Exercises | Animal groups of importance for urban habitats: Insecta |
| VII Week | Lecture | Animals of importance in urban habitats from the group Arthropoda I part |
|  | Exercises | Animal groups of importance for urban habitats: Mollusca |
| VIII Week | Lecture | Animals of importance in urban habitats from the groups Arthropoda II part and Mollusca |
|  | Exercises | Animal groups of importance for urban habitats: Pisces |
| IX Week | Lecture. | Animals of importance in urban habitats from the Pisces, Amphibia and Reptilia groups. |
|  | Exercises | Animal groups of importance for urban habitats: Amphibia |
| X Week | Lecture | Animals of importance in urban habitats from the Aves group. |
|  | Exercises | Animal groups of importance for urban habitats: Reptilia |
| XI Week | Lecture | Animals of importance in urban habitats from the group Mammalia II colloquium |
|  | Exercises | Animal groups of importance for urban habitats: Aves |
| XII Week | Lecture | Monitoring of potential pests and vectors |
|  | Exercises | Animal groups of importance for urban habitats: Mammalia |
| XIII Week | Lecture | Possibilities of non - pesticidal control of potential pests and vectors |
|  | Exercises | Methods of application of non-pesticide protection measures |
| XIV Week | Lecture | Use of biocides and pesticides in communal, medical and veterinary hygiene |
|  | Exercises | Methods of application of biocides and pesticides |
| XV | Lecture | Monitoring of protected species and maintenance of populations in urban areas |
|  | Exercises | Planning and monitoring of pests, vectors and protected species |
| XVI |  |  |
| XVII- |  |  |
| XVIII-XXI- |  |  |


| Consultations: 2 hours during the week |
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| A week |

