**SYLLABUS**

**regarding the qualification cycle FROM 2022 TO 2023**

1. Basic Course Information

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| Course title | Animal welfare |
| Course code \* |  |
| Faculty (name of the unit offering the field of study) | College of Natural Sciences |
| Name of the unit running the course | Department of Animal Production and Poultry Products Evaluation |
| Field of study | Agriculture / Environmental protection |
| Qualification level  | I and II |
| Profile | *academic* |
| Study mode | *stationary* |
| Year and semester of studies | *summer* |
| Course type |  |
| Language of instruction | English |
| Coordinator | Ph.D. Jadwiga Topczewska Assoc. Prof. |
| Course instructor | Ph.D. Jadwiga Topczewska Assoc. Prof. |

\* - as agreed at the faculty

1.1.Learning format – number of hours and ECTS credits

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Semester(n0.) | Lectures | Classes | Colloquia | Lab classes | Seminars | Practical classes | Internships | others | **ECTS credits**  |
|  |  | 30 |  |  |  |  |  |  | 5 |

1.2. Course delivery methods

 X- conducted in a traditional way

- involving distance education methods and techniques

1.3. Course assessment (exam, pass with a grade, pass without a grade)

pass with a grade

2. Prerequisites

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| Physiology and feeding of animals, Animal production, Biology,  |

3. Objectives, Learning Outcomes, Course Content, and Instructional Methods

3.1. Course objectives

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| --- | --- |
| O1 | Acquainting students with problems of animal welfare. |
| O2 | Developing evaluation skills about animal welfare and the economic impact of such actions on its improvement. |
| O3 | Developing responsibility for protection and welfare of animals. |

3.2. Course Learning Outcomes (to be completed by the coordinator)

|  |  |  |
| --- | --- | --- |
| Learning Outcome | The description of the learning outcome defined for the course/module | Relation to the degree programme outcomes |
| LO\_01 | knows the regulations concerning the welfare of animals. | classes |
| LO\_02 | defines animal welfare and lists the criteria for its evaluation; | classes |
| LO\_03 | Assess the welfare of animals by different methods | classes |
| LO\_04 | indicates adequate action to improve animal welfare; | Classes  |
| LO\_05 | is aware of the responsibility for the production of high quality food and the welfare of farm animals | Classes |

**3.3. Course content (to be completed by the coordinator)**

1. Lectures

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| Content outline |
| Regulations concerning the animal welfare.  |
| Problems of farm animal welfare and other animals (in domestic, zoological garden, wildlife, and animals used in scientific research). |
| Conditions necessary from maintaining high level of animal welfare. |
| Welfare and protection of animals within the EU Sustainable Development Strategy. |
| Economic aspects of improving animal welfare. |

1. Classes, tutorials / seminars, colloquia, laboratories, practical classes

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| Content outline  |
| Analysis of problems of animal welfare in livestock production, kept in zoological garden, as well as their use in scientific research. Case studies and discussion. |

3.4. Methods of Instruction

Lecture: a lecture supported by a multimedia presentation

Classes: text analysis and discussion, problem solving, case study, discussion*.*

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

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| --- | --- | --- |
| Learning outcome | Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes) | Learning format (lectures, classes,…) |
| LO\_01 - LO\_02 | test | classes |
| LO\_o3 – LO\_05 | report, presentation, participate in the discussion, observation during classes | classes |

4.2 Course assessment criteria

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| Classes – test, presentation, report, participation in the discussion. The final grade is determined on the basis of partial grades from the test, presentation, participation in the discussion.The final grade is determined by the number of points obtained (> 50% of the maximum number of points): dst 51-60%, dst plus 61-70%, db 71-80%, db plus 81-90%, very good 91-100%) .The condition of passing the course is to achieve all assumed learning outcomes. |

5. Total student workload needed to achieve the intended learning outcomes

– number of hours and ECTS credits

|  |  |
| --- | --- |
| Activity | Number of hours |
| Scheduled course contact hours | 30 |
| Other contact hours involving the teacher (consultation hours, examinations) | 15 |
| Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.) | 80 |
| Total number of hours | 125 |
| Total number of ECTS credits | 5 |

\* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course

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| --- | --- |
| Number of hours |  |
| Internship regulations and procedures |  |

7. Instructional materials

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| Compulsory literature:Broom D.M. 1991. Animal welfare: concepts and measurement. Journal of Animal Science, 69, 4167-4175. Broom D.M. 2011. Animal welfare, concepts, study methods and indicators.Gardocka T. (Eds.)[The welfare of animals in zoos and EU legal standards : English version](https://opac.ur.edu.pl/integro/262601687010/ksiazka/the-welfare-of-animals-in-zoos-and-eu-legal-standards?bibFilter=26). Warsaw 2014. |
| Complementary literature: Scientific and popular articles on animal welfare available online Animal welfare regulation |

Approved by the Head of the Department or an authorised person