Załącznik nr 3 do:
do Wytycznych do tworzenia studiów oraz projektowania i modyfikacji
programów studiów

Course code: ……………….. **Plan position:** ……………

1. INFORMATION ABOUT THE COURSE

A. Basic information

Name of course	**Hunting and monitoring of free-living animals**
Field of studies	
Level of studies	
Profile of studies	General Academic
Form of studies	Stationary
Specialty	
Unit responsible for the field of studies	Faculty of Animal Breeding and Biology
Name and academic degree of teacher(s)	Kirkiłło-Stacewicz Krzysztof, PhD
Introductory courses	Ecology, zoology, animal morphology
Introductory requirements	None

B. Semester/week schedule of classes

Semester	Lectures (W)	Auditorium classes (Ć)	Laboratory classes (L)	Project classes (P)	Seminar (S)	Field classes (T)	Number of ECTS points
Winter / summer		25					5

2. LEARNING OUTCOME

No.	Learning outcomes description	The reference to the learning outcomes of specific field of study	The reference to the learning outcomes for the area
KNOWLEDGE			
W1	Student knows and understands the basics of hunting economy, knows hunting traditions, is aware of rules for handling with hunting equipment and organization of hunts		
W2	He knows the methods for assessing the density and structure of the population of game species and other wildlife, especially large herbivores and predators		
SKILLS			
U1	He can organize hunts, taking into account legal and ethical principles		
U2	He can, choosing appropriate methods, carry out monitoring of free-living animals and to assess its results		
SOCIAL COMPETENCES			

K1	He is susceptible to conserve natural resources, is aware of the importance of hunting and monitoring of game species and other wildlife		

3. TEACHING METHODS

multimedia presentation, demonstration, discussion, films

4. METHODS OF EXAMINATION

presentation, colloquium

5. SCOPE

Auditorium classes	Hunting in tradition and culture. Goals, tasks and the concept of hunting. Hunting in Poland and in the world. Hunting law. Economic aspects of hunting. Hunting in environmental protection. Management of wild game populations as a form of nature conservation. Ecological and educational basis for breeding of wild game. Ethical management of animals. Poaching.
	Principles of deer management – factors influencing population and its dynamics (red deer, fallow deer, roe deer). Methods for assessing deer abundance in woodlands. Principles of wild boar management - the balance of the population. Principles of small game management. Background to counting wildlife. Methods available for counting wildlife: a total count, a sample count, factors affecting the accuracy and precision of sample surveys, an index method, an aerial survey, road strip counts, walked transects. Technical, social and financial factors affecting the choice of survey method, accuracy and precision. Implementing ground-based index counts. Case study in monitoring wildlife.
	Wolf recovery and population dynamics – a discussion panel.
	Development and management of hunting districts - general assumptions. Hunting equipment for hunts. Hunting planning. Prospects for hunting.

6. METHODS OF VERIFICATION OF LEARNING OUTCOMES

LEARNING OUTCOME	Form of assessment					
	Oral examination	Written exam	Colloquium	Project	Presentation	………….
W1			x		x	
W2			x		x	
U1			x		x	
U2			x		x	
K1			x		x	

7. LITERATURE

Basic literature	1. Bluchel Kurt G. Game and hunting. Konemann, 2005.
	2. Borchers D.L., Buckland S. T. & Zucchini W. 2002. Estimating Animal Abundance: Closed Populations. Springer Verlag, Berlin.
	3. Buckland S.T., Anderson D.R., Burnham K.P., Laake J.L., Borchers D.L. & Thomas L. 2001. Introduction to Distance Sampling.
	4. Southwood R. & Henderson P. A. 2000. Ecological Methods, Third Edition edn. Blackwell Science.
Supplementary literature	1. Perry E., 1999. The Complete Guide to Hunting: Proven Tips & Techniques. Creative Publishing International.

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	2. Stanley G., 2014. How To Hunt - The Ultimate Guide On How To Be A Successful Hunter. Kindle Edition. National Rifle Association, 1998.

8. TOTAL STUDENT WORKLOAD REQUIRED TO ACHIEVE EXPECTED LEARNING OUTCOMES EXPRESSED IN TIME AND ECTS CREDITS

Student's activity		Student workload– number of hours
Classes conducted under a direct supervision of an academic teacher or other persons responsible for classes	Participation in classes indicated in point 1B	25
	Supervision hours	5
Student's own work	Preparation for classes	25
	Reading assignments	40
	Other (preparation for exams, tests, carrying out a project etc)	30
Total student workload		125
	Number of ECTS points	5