Course code: 06-EMS-WBMEN-SP1 / 06-EMS-WBMEN-SP2 **Plan position:** ……

1. INFORMATION ABOUT THE COURSE

A. Basic information

Name of course	**Wildlife biology and management**
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	
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 systematics, morphology, anatomy, ecology and behaviourism of wild game.		
W2	He knows and understands the basics of hunting economy, knows hunting traditions, is aware of rules for handling with hunting equipment and organization of hunts		
W3	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 is able to identify the species of game animals, to recognize their age and gender, to determine their importance to the environment and the economy		

U2	He can, choosing appropriate methods, carry out monitoring of free-living animals and to assess its results		
U3	He can organize hunts, taking into account legal and ethical principles		
SOCIAL COMPETENCES			
K1	Student is open to the problems of species conservation and management of animal populations		
K2	He is prepared for independent work in institutions and organizations associated with hunting and forestry		

3. TEACHING METHODS

multimedia presentation, demonstration, discussion, films

4. METHODS OF EXAMINATION

presentation, colloquium

5. SCOPE

Auditorium classes	Biology of wild game *Cervidae: Red deer, Elk, Fallow deer, Roe deer* – the number and distribution; biology; the morphological characteristics. *Wild boar* – the number and distribution, biology and economic importance of hunts. *Lagomorphs*: Biology of *brown hare* and *wild rabbit*. *Carnivores*: *fox, raccoon dog, wolf* – biology, the number and distribution. Wolf recovery and population dynamics – a discussion panel. *Game birds - pheasant, partridge*. *Wild ducks and wild geese* - behaviourism of game birds. Identification of the species. Wild game management Methods available for counting wildlife. Technical, social and financial factors affecting the choice of survey method, accuracy and precision. 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.

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	
W3			x		x	
U1			x		x	
U2			x		x	
U3			x		x	
K1			x		x	

K2			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. Brown Robert D. The biology of deer, Springer-Verlag New York Inc., 2011. 4. Macdonald D., Loveridge A. Biology and Conservation of Wild Carnivores: The Canids and the Felids. Oxford University Press, 2010
Supplementary literature	Hunting and nature monographs of wild game Hunting magazines

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