

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Etologija
Course title:	Ethology

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Interdisciplinarni doktorski študijski program BIOZNANOSTI 3. stopnja	Znanost o živalih	1,2	1,2,3,4
Interdisciplinary Doctoral Study Programme in BIOSCIENCES 3rd cycle	Animal science	1,2	1,2,3,4

Vrsta predmeta / Course type	Izbirni teoretični predmet / Elective theoretical subject
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Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
10	30	/	/	/	85	5

Nosilec predmeta / Lecturer:

Jeziki / Languages:	Predavanja / Lectures:	slovenski / angleški Slovene / English
	Vaje / Tutorial:	slovenski / angleški Slovene / English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites:
<input type="text" value="Splošni pogoji za vpis na doktorski študij"/>	<input type="text" value="General conditions for enrolment in doctoral studies."/>

Vsebina: _____ **Content (Syllabus outline):** _____

Specialni etološki izrazi; čutila in sposobnost sprejemanja dražljajev iz okolja; razvoj živčnega sistema in prenos dražljajev; fiziološke osnove obnašanja; vpliv hormonov in feromonov na obnašanje; izražanje čustev; pozitivni in negativni ojačevalci, učenje, vaja in nabiranje izkušenj; vrsti značilno obnašanje ter igra kot kazalca dobrega počutja živali, motnje v obnašanju kot kazalci slabega počutja; drugi kazalci počutja živali (prireja, fiziološki kazalci stresa, morbiditeta, mortaliteta).

Ethological terms; senses and ability of obtaining information from environment; development of nervous system and transmission of stimulus; physiological basis of behaviour, hormones, pheromones, and their influence on behaviour; expression of emotion; positive and negative reinforcements; learning, training, memory and animal experiences; species specific behaviour as indicator of animal welfare, behavioural abnormalities as indicator of poor animal welfare, other indicators of animal welfare (animal production, physiological indicators of stress, morbidity, mortality).

Temeljni literatura in viri / Readings:

Bekoff M. 2004. Encyclopedia of Animal Behavior. Westport, Greenwood Press: 1274 str., ISBN: 0-313-32746-7 (vol. 1), 0-313-32747-5 (vol. 2) in 0-313-33294-0 (vol 3)
Bolhuis J.J., Giraldeau L. 2005. The Behaviour of Animals. Mechanisms, Function and Evolution. Malden, Blackwell Publishing: 515 str., ISBN: 0-631-23125-0
Fraser A. F., Broom D. M. 2007. Domestic Animal Behaviour and Welfare, CABI; Fourth edition: 540 str., ISBN-10: 1845932870
Jensen P. 2009. The Ethology of Domestic Animals. CABI; Second edition: 264 str., ISBN-10: 1845935365
Scott G. 2005. Essential Animal Behaviour. Malden, Blackwell Publishing: 202 str., ISBN: 0-632-05799-8

Cilji in kompetence:

Poznavanje splošne etološke terminologije; razumevanje procesa sprejemanja dražljajev, prenosa po živčnem sistemu, obdelave v centralnem živčnem sistemu in reakcije živali; neurobiologija čustev; načini učenja živali in nabiranja izkušenj ter njihov vpliv na obnašanje. Razumevanje vrsti značilnega obnašanja za zadovoljevanje potreb.

Objectives and competences:

Familiarity with the ethological terminology; function of senses; receiving an external stimulus, processing a stimulus and passing it on to the central nervous system (CNS); analysis of information from environment in the CNS and reaction of an animal; neurobiology of emotion; learning, memory and experiences and their influence on behaviour. Understanding of species characteristic behaviour in relation to the fulfilment of animal needs.

Predvideni študijski rezultati:

Znanje in razumevanje:
Smiselna delitev etograma izbrane vrste živali na funkcionalne kroge in njihova obravnava.

Intended learning outcomes:

Knowledge and understanding:
Logical partition of ethogram from chosen animal species to the functional systems and the proceedings of them.

Metode poučevanja in učenja:

Predavanja, konzultacije, seminarsko delo.
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Learning and teaching methods:

Lectures, consultations, seminar workshops.

Načini ocenjevanja:

- izdelana seminarska naloga na temo etogram izbrane vrste živali	Delež (v %) / Weight (in %)	Assessment:
- ustni izpit		

80	Seminar work about the ethogram of a chosen species. Oral Exam
20	

Reference nosilca / Lecturer's references:

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| <p>1. <u>ZUPAN, Manja</u>, JANCZAK, Andrew, FRAMSTAD, Tore, ZANELLA, Adroaldo José. The effect of biting tails and having tail bitten in pigs. <i>Physiol. Behav.</i>, 2012, vol. 106, no. 5, str. 638-644. [COBISS.SI-ID 3049864], JCR IF (2011): 2.869, CN (19/48), behavioral sciences, x=3.302</p> <p>2. <u>ZUPAN, Manja</u>. Behaviour of pigs of Slovenian local indigenous breed and modern hybrid fed with concentrate and hay. <i>Acta agric. Scand., A Anim. sci.</i>, 2011, vol. 61, no. 4, str. 210-217. [COBISS.SI-ID 3027336], JCR IF (2011): 0.729, AD (27/55), agriculture, dairy & animal science, x=0.887</p> <p>3. KRUSCHWITZ, Anja, <u>ZUPAN, Manja</u>, BUCHWALDER, T., HUBER-EICHER, Beat. Nest preference of laying hens (<i>Gallus gallus domesticus</i>) and their motivation to exert themselves to gain nest access. <i>Appl. anim. behav. sci.</i>, 2008, vol. 112, no. 3/4, str. 321-330. [COBISS.SI-ID 2343304], JCR IF (2008): 1.823, AD (7/45), agriculture, dairy & animal science, x=1.013</p> |
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