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Refer to guidance notes for completion of each section of the specification.

<b>Module Code:</b>	ANM471
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<b>Module Title:</b>	Wolf behaviour welfare and conservation
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<b>Level:</b>	4	<b>Credit Value:</b>	20
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<b>Cost Centre(s):</b>	GAAN	<b>JACS3 code:</b>	C120
		<b>HECoS code:</b>	

<b>Faculty</b>	Social & Life Sciences	<b>Module Leader:</b>	Angela Winstanley
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Scheduled learning and teaching hours	36 hrs
Placement tutor support	Click here to enter hours. hrs
Supervised learning eg practical classes, workshops	Click here to enter hours. hrs
Project supervision (level 6 projects and dissertation modules only)	Click here to enter hours. hrs
<b>Total contact hours</b>	Click here to enter hours. hrs
Placement / work based learning	
Guided independent study	164 hrs
<b>Module duration (total hours)</b>	200 hrs

<b>Programme(s) in which to be offered (not including exit awards)</b>	Core	Option
Stand-alone module aligned to FdSc Applied Animal Behaviour, Welfare and Conservation Science and BSc Hons Animal Behaviour, Welfare and Conservation Science	<input type="checkbox"/>	<input type="checkbox"/>

<b>Pre-requisites</b>

<b>Office use only</b>		
Initial approval:	10/10/2019	Version no:1
With effect from:	01/04/2020	
Date and details of revision:		Version no:

**Module Aims**

- 1) *Establish an understanding of the basic principles of wolf ethology*
- 2) *Investigate wolf human interaction, ethics and welfare*
- 3) *Develop knowledge of wolf conservation strategies*

**Module Learning Outcomes - at the end of this module, students will be able to**

1	Establish an understanding of the basic principles of wolf ethology
2	Investigate wolf human interaction, ethics and welfare
3	Develop knowledge of wolf conservation strategies

<b>Employability Skills The Wrexham Glyndŵr Graduate</b>	<b>I = included in module content A = included in module assessment N/A = not applicable</b>
<i>Guidance: complete the matrix to indicate which of the following are included in the module content and/or assessment in alignment with the matrix provided in the programme specification.</i>	
<b>CORE ATTRIBUTES</b>	
Engaged	IA
Creative	I
Enterprising	I
Ethical	IA
<b>KEY ATTITUDES</b>	
Commitment	I
Curiosity	I
Resilient	I
Confidence	I
Adaptability	IA
<b>PRACTICAL SKILLSETS</b>	
Digital fluency	IA
Organisation	IA
Leadership and team working	I
Critical thinking	IA
Emotional intelligence	IA
Communication	IA

**Derogations**

N/A

**Assessment:**

Indicative Assessment Tasks:

Online Test - which will include questions relating to basic principles of wolf ethology, and conservation.

Reflective journal – students will identify a range of wolf-human interactions and associated ethical and welfare issues and reflect upon their own feelings, beliefs, and actions throughout the course.

Assessment number	Learning Outcomes to be met	Type of assessment	Word Count	Weighting (%)
1	1&3	In-class test	N/A	60
2	2	Reflective Practice	1600	40

**Learning and Teaching Strategies:**

The module will include a range of learning and teaching techniques including online learning material, lectures, independent study.

Use will be made of case study materials and specialist guest speakers and site visits.

**Syllabus outline:**

Wolf evolution  
 Species and subspecies identification  
 Domestication (dogs)  
 Wolf ethology  
 Ecology  
 Distribution  
 Behaviour:  
 Senses, Body language, Communication, Social structure and Reproduction  
 Wolf Human interaction - history, psychology, representations, attitudes, problems, ethics  
 Wolves in captivity – requirements, welfare, rescue organisations, disease and health, legislation, safety  
 Conservation strategies

**Indicative Bibliography:****Essential reading**

Mech L, D.& Boitani, L. (2007) *Wolves: Behavior, Ecology, and Conservation*. University of Chicago Press.

Mech, L,D., Smith, D., Macnulty, D. (2015) *Wolves on the Hunt: The behaviour of wolves hunting wild prey*. University of Chicago Press.

**Other indicative reading**

*Reference will be made to contemporary research articles and other resources such as:*

- *Applied Animal Behaviour Science*
- *Animal Welfare*
- *Anthrozoos - International society for anthrozoology <http://www.isaz.net/>*
- *Biological Conservation*