H8ABP: Advanced Biological Psychology

Module Code:	H8ABP
Long Title	Advanced Biological Psychology APPROVED
Title	Advanced Biological Psychology
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	Caoimhe Hannigan
Module Author:	David Mothersill
Departments:	School of Business
Specifications of the qualifications and experience required of staff	Lecturer with PhD in Psychology or related cognate discipline

Learning Outcomes

On successful completion of this module the learner will be able to:

#	Learning Outcome Description
LO1	Demonstrate a critical understanding of the role biological systems, including the nervous system and endocrine system, play in the stress response, sleep, motivation, hunger, thirst, emotion, learning, memory, and language.
LO2	Identify key structures within the brain and nervous system and relate their function to psychological processes such as stress, sleep, motivation, hunger, thirst, emotion, learning, memory, and language.
LO3	Assess the strengths and limitations of using biological systems to explain human behaviour.
LO4	Demonstrate critical evaluation of the peer-reviewed literature on advanced biological psychology topics.

Dependencies

Module Recommendations

No recommendations listed

Co-requisite Modules

No Co-requisite modules listed

Entry requirements	There are no additional entry requirements for this module. The programme entry requirements apply.

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Module Content & Assessment

Indicative Content

The module will begin with a re-introduction to biological psychology
Building on this, students will learn about the biological bases of stress, sickness behaviour, sleep, motivation, hunger, thirst, emotion, learning, memory, and language (including lateralisation of brain function).

Below is an indicative outline of the module content:
Re-introduction to biological psychology, including gross neuroanatomy, nervous system cells and cell signalling, and sensation and perception Nervous system damage and recovery Stress and health Sleep Motivation, hunger, and thirst Emotion Learning and memory Language and lateralisation

Assessment Breakdown	%
Coursework	50.00%
End of Module Assessment	50.00%

Assessments

Full Time

Coursework

Assessment Type:	Continuous Assessment	**% of total:**	50
Assessment Date:	Week 5	**Outcome addressed:**	1,2,3
Non-Marked:	No		

Assessment Description:
Continuous assessment MCQ based on material covered to date (50 questions)

End of Module Assessment

Assessment Type:	Terminal Exam	**% of total:**	50
Assessment Date:	End-of-Semester	**Outcome addressed:**	1,2,3,4
Non-Marked:	No		

Assessment Description:
Students will answer 2 out of 5 questions which may be based on any aspect of course content

No Workplace Assessment

Reassessment Requirement

Repeat examination
Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

Reassessment Description
Students will be required to complete one repeat terminal examination that covers all of the learning outcomes.

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Module Workload

Module Target Workload Hours 0 Hours

Workload: Full Time

Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	Classroom and demonstrations	24	Per Semester	2.00
Independent Learning	Independent learning	101	Per Semester	8.42
			Total Weekly Contact Hours	2.00

Module Resources

Recommended Book Resources

Kalat, J.W. (2023), Biological Psychology, 14th Edition. Wadsworth Cengage, Belmont CA.

Supplementary Book Resources

Alexio, P. & Baillon, M. (2008), Biological Psychology: An illustrative Survival Guide, Wiley, Sussex, UK.

Pinel, J.P.J. (2007), Biopsychology, 7th Edition. Allyn & Bacon, Boston, MA.

Carlson, N.R. (2012), Physiology of Behavior, 11th Edition. Pearson, Boston, MA.

Kolb, B. & Whishaw, I. (2011), An Introduction to Brain and Behavior, Third Edition. Worth Publishers.

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note:	