

H7BBB: Biological Psychology

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| Module Code: | H7BBB |
| Long Title | Biological Psychology APPROVED |
| Title | Biological Psychology |
| Module Level: | LEVEL 7 |
| 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 | |
| <i>On successful completion of this module the learner will be able to:</i> | |
| # | Learning Outcome Description |
| LO1 | Demonstrate a critical understanding of the main structures, functions, and processes in the nervous system and the brain, including an understanding of neuroanatomy, cells of the nervous system, neuronal signalling, development of the nervous system, and communication between the nervous system and other bodily systems such as the endocrine and musculoskeletal systems. |
| LO2 | Identify key structures within the brain and nervous system and relate their function to psychological processes such as sensation, perception, and movement. |
| LO3 | Assess the strengths and limitations of using biological systems to explain human behaviour. |
| LO4 | Demonstrate critical evaluation of the peer-reviewed literature on Biological Psychology. |
| 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 | | | |
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| Indicative Content | | | |
| Module content 1. Introduction to biological psychology 2. History of biological psychology 3. Divisions of biological psychology and key research techniques used in each 4. Gross neuroanatomy 5. Nervous system cells and cell signalling 6. Neurodevelopment 7. Sensation and perception – vision, audition, somatosensation, gustation, and olfaction 8. The biological bases of movement | | | |
| 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: 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 <i>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.</i> | | | |
| Reassessment Description Students will be required to complete one repeat terminal examination that covers al 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 | |
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| <i>Recommended Book Resources</i> | |
| <p>Kalat, J.W.. (2023), Biological Psychology, 14th. Wadsworth.</p> <p>Alexio, P & Baillon, M. (2008), Biological Psychology: An illustrative Survival Guide, Wiley.</p> <p>John P. J. Pinel. (2017), Biopsychology, 7th ed. Prentice Hall, p.0, [ISBN: 0205832563].</p> <p>Neil R. Carlson. (2012), Physiology of Behavior, 11th. Boston, MA: Pearson, p.768.</p> <p>Kolb, B. & Whishaw, I.. (2011), An Introduction to Brain and Behavior (Third Edition)., 3rd Ed. New York, NY: Worth Publishers..</p> | |
| <i>This module does not have any article/paper resources</i> | |
| <i>This module does not have any other resources</i> | |
| Discussion Note: | |