

H7PLAB: Psychology Labs

Module Code:	H7PLAB
Long Title	Psychology Labs APPROVED
Title	Psychology Labs
Module Level:	LEVEL 7
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	Caoimhe Hannigan
Module Author:	Caoimhe Hannigan
Departments:	School of Business
Specifications of the qualifications and experience required of staff	Lecturer with relevant postgraduate qualification 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	Understand how the scientific method is applied to research in psychology through conducting quantitative and qualitative experiments
LO2	Analyse and interpret quantitative and qualitative data collected in the lab setting
LO3	Select, evaluate, and use literature appropriately to create clear and effective lab reports
LO4	Demonstrate the knowledge and skills necessary to write effective psychology lab reports
LO5	Have knowledge of programs used in experimental psychology and expand knowledge on statistical procedures used in experimental 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			
Indicative Content			
<p>The module will provide students with tuition and practical experience related to a range of core research skills, including: Comparing and contrasting subjective and objective measures Determining construct and test validity of a psychological measure Statistical analysis of experimental data: between and within group designs Presenting and graphically illustrating descriptive data Constructing online surveys Processing survey data: dealing with missing data; reverse scoring items; determining internal consistency and reliability Thematic analysis of qualitative data Research report writing</p>			
<p>Potential practical lab themes Students will complete up to 5 practical labs across the module, which will cover both quantitative and qualitative research design</p>			
<p>Indicative themes that may be used for these practical labs are listed below: Biopsychological Stroop Task: Measuring attention: the Stroop Task Physiological measures of arousal: galvanic skin response Investigating relationships between physiological and behavioural measurements</p>			
<p>Implicit Attitudes Exploring conscious and unconscious associations Implicit Association Test</p>			
<p>Working with reaction time data The meaning of friendship Qualitative data collection and analysis Thematic analysis: Braun and Clarke method Coding datasets, generating codes, and identifying themes</p>			
<p>Stress, Sleep and Health Subjective measures of stress, sleep quality, and health Survey design and online survey development Investigating relationships between sleep, stress, and health.</p>			
<p>Eyewitness Reports Field experiments in psychology Questionnaire design Contribution of psychology to understanding eyewitness testimony</p>			
<p>Cognitive Function Using repeated measures design to explore performance decrements Proactive and retroactive interference n-Back test of working memory, dot probe, stroop tasks of attention</p>			
<p>Impulsivity and risk taking Tests which measure risk taking Combining within and between groups analysis of variance Decomposing complex interactions</p>			
Assessment Breakdown			%
Coursework			100.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	CA 1	% of total:	50
Assessment Date:	Week 7	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
<p>Assessment Description: Lab Report Book 1: This will contain minor lab reports based on experiments/studies conducted in practical classes during the first half of the semester.</p>			
Assessment Type:	CA 2	% of total:	50
Assessment Date:	Sem 2 End	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
<p>Assessment Description: Lab Report Book 2: This will contain minor lab reports based on experiments/studies conducted in practical classes during the second half of the semester.</p>			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
<p>Coursework Only <i>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</i></p>			
<p>Reassessment Description Should students fail the module overall, they will be required to resubmit the failed continuous assessment components.</p>			

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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
Lab	Psychology lab practical	24	Per Semester	2.00
Independent Learning	research, reading and evaluating academic paper	101	Per Semester	8.42
Total Weekly Contact Hours				2.00

Module Resources	
<i>Recommended Book Resources</i>	
<p>Pallant, J. (2020), SPSS Survival Manual: A step by step guide to data analysis using IBM SPSS, Routledge, p.352, [ISBN: 9780335261543].</p> <p>Kantowitz, B.H., Roediger, H.L., & Elmes, D.G. (2014), Experimental Psychology, Wadsworth Publishing, p.640, [ISBN: 9781111357993].</p> <p>Findlay, B. (2015), How to Write Psychology Research Reports and Essays, 7th Ed. Pearson, [ISBN: 9781486010257].</p> <p>Breakwell, G. M., Wright, D. B. & Barnett, J. (2021), Research Methods in Psychology, 5th edition. Sage, London, UK.</p>	
<i>Supplementary Book Resources</i>	
<p>Tabachnick, B.G., & Fidell, L.S. (2013), Using Multivariate Statistics, 6th Ed. Pearson, Melbourne.</p> <p>Hollander, M., Wolfe, D., & Chicken, E. (1999), Nonparametric Statistical Methods, 3rd Ed. Wiley, New York.</p> <p>Stauss, E., Sherman, E.M.S., & Spreen, O. (2013), A Compendium of Neuropsychological Tests: Administration, Norms, and Commentary, 3rd Ed. Oxford University Press.</p> <p>Martin, D.W. (2008), Doing Psychology Experiments, 7th Ed. Thomson Wadsworth.</p> <p>Sullivan, C. & Forrester, M.A.. (2018), Doing Qualitative Research in Psychology: A Practical Guide, Sage.</p>	
<i>Recommended Article/Paper Resources</i>	
<p>Taylor & Francis. Various, Journal of Cognitive Psychology, [ISSN: 2044-592X].</p> <p>Elsevier. Various, Cognitive Psychology, [ISSN: 0010-0285].</p> <p>Elsevier. Various, Biological Psychology, [ISSN: 0301-0511].</p> <p>Taylor & Francis Online. Various, The Journal of Psychology Psychology, [ISSN: 1940-1183].</p> <p>American Psychological Association, Journal of Experimental Psychology: General, [ISSN: 1939-22].</p>	
<i>Other Resources</i>	
<p>[Website], Inquisit 6 Manual, https://www.millisecond.com/support/docs</p> <p>[Website], APA Style Guide website, https://apastyle.apa.org/</p> <p>[Website], Purdue OWL APA Style Guide and Referencing website, https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/index.html</p> <p>[Website], Dr Victoria Clarke YouTube Channel (online lectures on Qualitative Analysis and Thematic Analysis methods specifically), https://www.youtube.com/channel/UCLBw6Qi_g8KBld9YulMzAg7w/featured</p> <p>[Website], Thematic Analysis Website (University of Auckland), http://www.thematicanalysis.net/</p> <p>[Website], Online Lecture, Thematic Analysis (Braun et al, 2021):, https://www.youtube.com/watch?v=DtfPqcwa loc</p>	
Discussion Note:	