

## H8CRT: Critical Thinking

Module Code:	H8CRT
Long Title	Critical Thinking <b>APPROVED</b>
Title	Critical Thinking
Module Level:	LEVEL 7
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	Caoimhe Hannigan
Module Author:	Fearghal O'Brien
Departments:	School of Business
Specifications of the qualifications and experience required of staff	Lecturer with PhD in Psychology or related cognate discipline
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner will be able to:</i>	
<b>#</b>	<b>Learning Outcome Description</b>
LO1	Describe what rationality and critical thinking are
LO2	List and define common biases and logical fallacies
LO3	Demonstrate an understanding of Bayesian reasoning
LO4	Evaluate the application of critical thinking in both academic and non-academic contexts
<b>Dependencies</b>	
<b>Module Recommendations</b>	
No recommendations listed	
<b>Co-requisite Modules</b>	
No Co-requisite modules listed	
<b>Entry requirements</b>	There are no additional entry requirements for this module. The programme entry requirements apply.

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Module Content & Assessment			
Indicative Content			
<p>Below is a list of indicative topics to be covered over the 12 weeks of a semester.</p> <p>Week 1: Logical and Critical Thinking Week 2: Theories of Rationality Week 3: Biases &amp; Fallacies Week 4: Political &amp; Social Biases Week 5: Common Research Errors Week 6: Bayesian Reasoning 1 Week 7: Bayesian Reasoning 2 Week 8: Changing Opinions (yours and others') Week 9: Application 1 - Nudges Week 10: Application 2 - Super Forecasting Week 11: Application 3 - Effective Altruism Week 12: Review</p>			
Assessment Breakdown			%
End of Module Assessment			100.00%
Assessments			
Full Time			
No Coursework			
End of Module Assessment			
Assessment Type:	Terminal Exam	% of total:	100
Assessment Date:	End-of-Semester	Outcome addressed:	1,2,3,4
Non-Marked:	No		
<p>Assessment Description:</p> <p>A collection of multiple-choice questions and short answer written questions (2 hours in duration)</p>			
No Workplace Assessment			
Reassessment Requirement			
<p>Repeat examination</p> <p>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.</p>			
<p>Reassessment Description</p> <p>If students fail the exam, a repeat exam will take place with a similar format.</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
Lecture	Classroom and demonstrations	12	Per Semester	1.00
Independent Learning	Independent learning	113	Per Semester	9.42
Total Weekly Contact Hours				1.00

Module Resources	
<i>Recommended Book Resources</i>	
Warburton, N. (2008), Thinking from A to Z, Taylor & Francis.	
<i>Supplementary Book Resources</i>	
<p>Galef, J. (2021), The scout mindset: Why some people see things clearly and others don't, Piatkus.</p> <p>Pinker, S. (2021), Rationality: What it is, why it seems so scarce, why it matters, Allen Lane.</p> <p>Tetlock, P., &amp; Gardner, D. (2015), Superforecasting: The art and science of predication, Random House Business.</p> <p>Thaler, R. H., &amp; Sunstein, C. R. (2008), Nudge: Improving decisions about wealth, health and happiness, Penguin Books.</p>	
<i>This module does not have any article/paper resources</i>	
<i>Other Resources</i>	
<p>[Website], Less wrong - Rationality: A-Z, <a href="https://www.lesswrong.com/rationality">https://www.lesswrong.com/rationality</a></p> <p>[Website], Givewell, <a href="https://blog.givewell.org/">https://blog.givewell.org/</a>.</p>	
Discussion Note:	