

Subject Code	AF6942/LGT6942/MM6035																				
Subject Title	Independent Studies in Artificial Intelligence																				
Credit Value	3																				
Level	6																				
Normal Duration	1-semester																				
Pre-requisite/ Co-requisite/ Exclusion	Independent Studies in Artificial Intelligence (AF6942/LGT6942/MM6035)																				
Objectives	This subject contributes to the achievement of the DBAI program outcome by providing students flexibility to pick a AI & Generative AI related area not covered in the existing curriculum and study under the supervision of a staff advisor (Outcome 2).																				
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <p>a. identify critical issues that could be considered as the potential research directions based on the chosen topic.</p> <p>b. conduct a comprehensive literature review and develop an in-depth understanding of the theories and/or research methods associated with the chosen topic.</p>																				
Subject Synopsis/ Indicative Syllabus	<p>The area to be studied will be decided by the student and the staff advisor. The work will require the student to carry out an in-depth literature review on a particular, chosen academic topic.</p> <p>Before commencing this independent study, the student must prepare a brief outline of the proposed study and obtain permission from the Programme Director.</p> <p>The individual paper should normally be around 3,000 – 5,000 words.</p>																				
Teaching/Learning Methodology	The student who chooses to do an independent study will work directly with a faculty member who agrees to act as an advisor. The staff member will be an expert in the agreed area of study and will provide the student with guiding instruction. With the guidance of the advisor, the student is expected to produce a high-quality study report.																				
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="2">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a.</th> <th>b.</th> </tr> </thead> <tbody> <tr> <td>Continuous Assessment*</td> <td>100%</td> <td></td> <td></td> </tr> <tr> <td>1. Individual paper #</td> <td>100%</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="2"></td> </tr> </tbody> </table> <p><i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i></p> <p><i># Depending on the project, students will be allowed to extend this subject to 2 semesters, regardless of whether it is a regular or summer semester.</i></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>After the student has identified a topic, he/she is guided by the advisor to read related</p>			Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)		a.	b.	Continuous Assessment*	100%			1. Individual paper #	100%	✓	✓	Total	100 %		
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1. Individual paper #	100%	✓	✓																		
Total	100 %																				

	<p>materials, articles and journal papers in order to understand the topic area. As such, the best way to assess the student is to ask him/her to write a summary report on the topic so that the advisor can judge how well the student understands the topic.</p> <p>To pass this subject, students are required to obtain Grade D or above in the Continuous Assessment components</p>	
Student Study Effort Expected	Class contact:	
	▪ Guided study	30 Hrs.
	Other student study effort:	
	▪ Preparation for guided study	30 Hrs.
	▪ Preparation for project and research	60 Hrs.
	Total student study effort	120 Hrs.
Reading List and References	<p>This will vary according to the topic. Normally, the student will be required to do an extensive review of the literature associated with the topic studied.</p>	

Apr 2024