UNIVERSITI TEKNOLOGI MARA

BIO722: APPLIED BIOLOGY THESIS I

Course Name (English)	APPLIED BIOLOGY THESIS I APPROVED
Course Code	BIO722

MQF Credit	12

Course Description	This course provides advanced level training for research studies and subsequent careers in a variety of industrial, professional and academic fields. Students are required to plan their research study under the supervision of one or more lecturers in the faculty or industry. Students are expected to give oral presentation on their proposals as well as the preliminary results (if any).

Transferable Skills	1. Writing proposals for research grant applications. 2. Communication skills. 3. Advanced laboratory techniques. 4.Oral presentation skills.

Teaching Methodologies	Lab Work, Journal/Article Critique, Supervision

CLO		
	CLO1	Analyse the scientific research findings
	CLO2	Display interpersonal skills through reflection, commitment, effort and time management in completion research and experiment
	CLO3	Demonstrate communication skills in written and oral related to biology research and experiment
	CLO4	Use digital skills for broad range information and technology for biology research

Pre-Requisite Courses	No course recommendations

Topics
1. Identifying the Scope of Project and Appropriate Title 1.1) n/a
2. Literature Review 2.1) n/a
3. Problem Statement, Hypothesis, Research Questions and Objectives 3.1) identifying Problem Statement, Hypothesis, Research Questions and Objectives
4. Writing Proposal and Oral Presentation 4.1) n/a

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Attendance	Students' commitment and effort.	15%	CLO2
	Presentation	Data Analysis	10%	CLO1
	Presentation	Digital skills	10%	CLO4
	Presentation	Communication skills	65%	CLO3

Reading List	This Course does not have any book resources
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources