



UNIVERSITI TEKNOLOGI MARA

BIO731: APPLIED BIOLOGY THESIS II

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| Course Name (English) | APPLIED BIOLOGY THESIS II APPROVED |
| Course Code | BIO731 |
| MQF Credit | 14 |
| 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 carry out an approved research project under the supervision of one or more lecturers in the faculty or industry. They are required to submit a written research thesis and upon completion of a research project, a bound thesis is to be submitted to the faculty and the research outcome will be orally presented. The thesis together with an oral presentation will be assessed and graded. |
| Transferable Skills | Research skills Presentation skills Report/Thesis writing skills Communication skills |
| Teaching Methodologies | Lab Work, Self-directed Learning |
| CLO | CLO1 construct scientific research solution on biology related issues CLO2 integrate numeracy skills in analysing, organizing and summarizing research. CLO3 give effective oral presentations of the research findings. Assess their potential for further research studies. CLO4 adhere self learning through continuous academic and professional development |
| Pre-Requisite Courses | No course recommendations |
| Topics | |
| 1. Experimental work. | 1.1) n/a |
| 2. Data collection and analysis of data. | 2.1) n/a |
| 3. Oral presentation of research findings | 3.1) n/a |
| 4. Preparation and submission of thesis | 4.1) n/a |

| Assessment Breakdown | % |
|-----------------------------|----------|
| Continuous Assessment | 100.00% |

| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO |
|---|------------------------|-------------------------------|------------------------|------------|
| | Disertation | Commitment and effort | 15% | CLO4 |
| | Disertation | Data Analysis | 20% | CLO2 |
| | Disertation | Oral presentation | 25% | CLO3 |
| | Disertation | Written report | 40% | CLO1 |

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| 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 |