



INTERNATIONAL MEDICAL UNIVERSITY  
MALAYSIA

International Medical University

Bachelor of Science (Hons) in Medical Biotechnology  
Programme

Academic Transcript

(September 2020 - September 2023)

### 1. Student's Background:

Name : TAE RUO-SHAN  
Student Number : 00000033102  
Intake : MB1/20  
I.C No. : 000918-07-0054  
Language(s) of Instruction : English  
Language(s) of Assessment : English

### 2. Performance:

#### (i) Based on Grade

##### Semester 1

|   | Credit |       | Credit                           |     |        |
|---|--------|-------|----------------------------------|-----|--------|
| Basic Mathematics and Statistics                  | 2 :    | B (P) | Science Communication            | 2 : | A (P)  |
| Instrumentation, Biosafety and Quality Management | 3 :    | A (P) | Chemistry for Biotechnologists   | 3 : | A- (P) |
| Biodiversity and Conservation for Biotechnology   | 3 :    | A (P) | Molecular Biology and Immunology | 4 : | A (P)  |
| Grade Point Average (GPA)                         | :      | 3.83  |                                  |     |        |
| Cumulative Grade Point Average (CGPA)             | :      | 3.83  |                                  |     |        |

##### Semester 2

|                                       | Credit |        | Credit                              |     |        |
|---------------------------------------|--------|--------|-------------------------------------|-----|--------|
| General Pharmacology                  | 3 :    | C+ (P) | Applied Biochemistry                | 3 : | A- (P) |
| Fundamental of Bioinformatics         | 3 :    | A (P)  | Medical Microbiology & Parasitology | 4 : | B+ (P) |
| Cell and Tissue Culture Techniques    | 4 :    | B+ (P) | Ethics and Biotechnology            | 3 : | A (P)  |
| Grade Point Average (GPA)             | :      | 3.42   |                                     |     |        |
| Cumulative Grade Point Average (CGPA) | :      | 3.61   |                                     |     |        |

##### Semester 3

|   | Credit |        | Credit                                      |     |        |
|---|--------|--------|---|-----|--------|
| Introduction to Healthcare Data Analytics | 2 :    | A (P)  | Analytical Chemistry for Biotechnologists I | 3 : | C (P)  |
| Fundamental of Structural Biology         | 2 :    | A- (P) | Molecular Medicine                          | 4 : | B- (P) |
| Forensic Science                          | 4 :    | B+ (P) | Management and Experimentation on Animals   | 2 : | B- (P) |
| Elective 1: Algorithms and Data Structure | 3 :    | A (P)  |   |     |        |
| Grade Point Average (GPA)                 | :      | 3.14   |   |     |        |
| Cumulative Grade Point Average (CGPA)     | :      | 3.44   |   |     |        |



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| <b>Semester 4</b>                     | <b>Credit</b> |  | <b>Credit</b> |
|---------------------------------------|---------------|--|---------------|
| Fundamentals of Entrepreneurship      | 2:            | A- (P) Bioprocess Technology                                       | 3: B (P)      |
| Omics Technology                      | 4:            | B+ (P) Applied Biotechniques in Biotechnology and Community Health | 3: A (P)      |
| Toxicology and Toxinology             | 3:            | A- (P) Advanced Data Analytics                                     | 3: B+ (P)     |
| Grade Point Average (GPA)             | :             | 3.48   |               |
| Cumulative Grade Point Average (CGPA) | :             | 3.45   |               |

| <b>Short Semester 1</b>                 | <b>Credit</b> |  | <b>Credit</b> |
|---|---------------|--|---------------|
| Current Trends in Medical Biotechnology | 3:            | B+ (P) Research Methodology  | 3: A- (P)     |
| Pathology for Biotechnologists          | 2:            | B+ (P) Free Elective 1: Introduction to Traditional Chinese Medicine | 2: A (P)      |
| Grade Point Average (GPA)               | :             | 3.56   |               |
| Cumulative Grade Point Average (CGPA)   | :             | 3.46   |               |

| <b>Semester 5</b>                                | <b>Credit</b> |  | <b>Credit</b> |
|--|---------------|--|---------------|
| Medical Biotechnology Research Projects          | 11:           | A (P) Elective 5: Fundamentals of Cosmeceuticals                   | 3: A (P)      |
| Elective 6: Biopharming: Harvesting Therapeutics | 3:            | B (P) Elective 7: Functional Foods, Nutraceuticals and Supplements | 3: A (P)      |
| Grade Point Average (GPA)                        | :             | 3.85   |               |
| Cumulative Grade Point Average (CGPA)            | :             | 3.54   |               |



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Language(s) of Assessment : English

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**Semester 6**                      **Credit**  
Biotechnology Internship      12:      A (P)    
  
Grade Point Average (GPA)      :      4.00    
Cumulative Grade Point Average (CGPA) :      3.59  

Note:  
Total credit hour earned: 117

**3. Comments:**

Awarded the Bachelor of Science (Hons) in Medical Biotechnology  
Second Class - Upper Division  
Endorsed by the Senate on 18 October 2023

Dean, School of Health Sciences

Date: 18 October 2023



**Bachelor of Science (Hons) in Medical Biotechnology Programme**

**Mata Pelajaran Pengajian Umum (MPU) Result**

**(September 2020 – September 2023)**

**1. Student's Background:**

Name : TAE RUO-SHAN

Student Number : 00000033102

Intake : MB1/20

**2. Performance:**

**Based on Grade**

|   |   |        |  |   |        |
|---|---|--------|--|---|--------|
| <b>U1</b>   | C |        | C  |   |        |
| MPU 3113: Hubungan Etnik  | 3 | A (P)  | MPU 3123: Tamadun Islam dan Tamadun Asia | 3 | A- (P) |
| <b>U2</b>   |   |        |  |   |        |
| MPU 3222: English for Health Sciences                                   | 2 | A- (P) |  |   |        |
| <b>U3</b>   |   |        |  |   |        |
| MPU 3312: Work – Life Balance from the Global and Malaysian Perspective | 2 | B+ (P) |  |   |        |
| <b>U4</b>   |   |        |  |   |        |
| MPU 3412: Social Responsibility   | 2 | A (P)  |  |   |        |

**3. Comments:**

Successfully undertaken and passed all compulsory modules in the Mata Pelajaran Pengajian Umum (MPU).

Dean, School of Health Sciences

Date: 18 October 2023

Note  
C: Credit Unit  
N/A: Not Applicable  
P: Pass  
F: Fail