

# MASTER OF PHILOSOPHY

## Programme Specifications

School of Biomedical Engineering and Health Sciences (SBEHS) offers the following three master programmes by research mode:

1. Master of Philosophy (Biosciences)
2. Master of Philosophy (Rehabilitation Technology)
3. Master of Philosophy (Biomedical Engineering)
4. Master of Philosophy (Biomedical Engineering-Double Degree) Universiti Teknologi Malaysia (UTM) and Technical University Ilmenau (TUIL) Germany have started an International Double Degree programme in Biomedical Engineering. The student will be awarded with 2 certificates, which are Master in Engineering (Biomedical) from UTM and/or Master in Biomedical Engineering (MSc) from TUIL. The students are required to spend at least 7 months at the partner university. Limited scholarships from German's government are available for selected students.

## Programme Features

The above three Masters by research programmes are offered as full-time. A student will carry out research in any one of the areas of research chosen. Each research project is supervised by a lecturer of the Graduate Faculty. A Graduate Faculty member is an academic staff who has a doctoral degree qualification or an academic staff who holds an academic post of at least associate professor and is involved directly or indirectly in the post-graduate programmes. Co-supervisors may also come from a related industry.

## General Information

1. Awarding Institution	Universiti Teknologi Malaysia
2. Teaching Institution	Universiti Teknologi Malaysia
3. Programme Name	Master of Philosophy (Biomedical Engineering) Master of Philosophy (Biomedical Engineering-Double Degree) Master of Philosophy (Rehabilitation Technology)

4. Final Award	Master of Philosophy (Biomedical Engineering) Master of Philosophy (Biomedical Engineering, UTM + Msc Computer Engineering, Ilmenau, Germany) Master of Philosophy (Rehabilitation Technology)
5. Programme Code	MMBE MMBE MMBR
6. Professional or Statutory Body of Accreditation	Malaysia Qualification Agency
7. Language(s) of Instruction	English
8. Mode of Study (Conventional, distance learning, etc)	Conventional (Research)
9. Mode of operation (Franchise, self-govern, etc)	Self-governing
10. Study Scheme (Full Time/Part Time)	Full Time
11. Study Duration	Minimum : 1.5 yrs (3 semester) Maximum : 4 yrs (8 semester)

## Course Menu

### Master of Philosophy (Biomedical Engineering)

Semester	Full-Time	Description	Credit
1	MMBE1100	Research	0
	MMBE1200	Research	0
2	MMBE2100	Research	0
	MMBE2200	Research	0
3	MMBE3100	Research	0
	MMBE3200	Research	0

### Master of Philosophy (Rehabilitation Technology)

Semester	Full-Time	Description	Credit
1	MMBR1100	Research	0
	MMBR1200	Research	0
2	MMBR2100	Research	0
	MMBR2200	Research	0
3	MMBR3100	Research	0
	MMBR3200	Research	0
<b>General Elective University Course (Compulsory)</b>			
<b>Code</b>	<b>New Code</b>	<b>Course</b>	<b>Credit</b>
UMBP0010	UMBP0010	Research Methodology	HW
UH** ***3	UH** ***3	General Elective University Course	3