

## STUDY GUIDELINE MASTER OF EDUCATION (MATHEMATICS)

**Mode: TAUGHT COURSE**

### List of Courses

Old code	New code	Name	No of Credits
<b>University Elective Courses</b>			
U...60X3	U... 60X3	Kursus umum university (University elective course)	3
<b>Total</b>			<b>3</b>
<b>School Core</b>			
MPPU 1003	MHPU 1013	Inovasi dalam Pendidikan (Innovation in Education)	3
MPPU 1024	MHPU 1024	Kaedah Penyelidikan dalam Pendidikan (Research Methods in Education)	4
MPPU 1034	MHPU 1044	Analisis Data Penyelidikan (Research Data Analysis)	4
<b>Total</b>			<b>11</b>
<b>Program Core</b>			
MPPM1103	MHPM1113	Models in Teaching and Learning Mathematics	3
MPPM1113	MHPM1123	Design and Implementation of Mathematics Curriculum	3
MPPM 1223	MHPM1133	Assessment in Mathematics Education	3
<b>Total</b>			<b>9</b>
<b>Program Elective</b>			
MPPM1313	MHPM 2213	Teaching and Learning Mathematics in Primary and Secondary Schools	3
MPPM1323	MHPM2223	Problem Solving in Mathematics Education	3
MPPM 1343	MHPM2233	Current Issues in Mathematics Education	3
MPPS1303	MHPS2223	Amalan Pengajaran Menerusi Falsafah Sains, Matematik dan Teknologi	3
MPPM 1353	MHPM2243	Technology in Mathematics Education	3
MPPM 1363	MHPM2253	Thinking Skills in Mathematics Education	3
<b>Total (select 4 courses only)</b>			<b>4x3=12</b>
<b>Research project</b>			

MPPT 1105	MHPT 1105	Research Project I	5
MPPT 1205	MHPT 2105	Research Project II	5
<b>Total</b>			<b>10</b>
<b>Grand total</b>			<b>45</b>

### List of University Electives

Code	Name
UBSS 6013	Organization Behaviour and Development
UBSS 6023	Business Ethics, Responsibility and Sustainability
UHMS 6013	Seminar on Global Development, Economic and Social Issues
<b>UHAZ6123 (old code)/ UHMZ 6023 (new code)</b>	<b>Malaysian Society and Culture</b>
UHS 6013	Philosophy of Science and Civilization
<b>UHPP6033 (old code)/ UHPS 6013 (new code)</b>	<b>Dynamics of Leadership</b>
UHLM 6013	Malay Language for Post Graduates
URTS 6013	Environmental Ethics
UECS 6013	IT Project Management
UECS 6023	Introduction to Technopreneurship
UMJJ 6013	Basic Japanese Language & Culture

### Notes for students:

- If you have registered to study in UTM before Sem I 2021/22, you need to register for the courses using the old code.
- The maximum number of semesters is 8 semesters and the minimum number of semesters is 3 semesters.
- For the program elective, you are allowed to take a maximum of 2 courses from other programs and 2 from your own program electives.
- It is advised to register for the Research Project in your last 2 semesters where you will be assigned a supervisor.
- All program core and elective program schedules are from 4.00-6.30 pm.
- All university electives, school core and program core will be offered every semester. Whereas the program electives will be offered in alternate semesters.
- **International students** are required to register for the **Malaysian Society and Culture** course for the university elective.
- Most local School of Education students register for the Dynamics of Leadership course for the university elective although you are allowed to register for any of the other courses.

**Mode: MIXED MODE****List of Courses**

Old code	New code	Name	No of credits
<b>University Elective Courses</b>			
U...60X3	U... 60X3	Kursus umum university ( University elective course)	3
<b>Total</b>			<b>3</b>
<b>School Core</b>			
MPPU 1003	MHPU 1013	Inovasi dalam Pendidikan (Innovation in Education)	3
MPPU 1024	MHPU 1014	Kaedah Penyelidikan dalam Pendidikan (Research Methods in Education)	4
<b>Total</b>			<b>7</b>
<b>Program Core</b>			
MPPM1103	MHPM1113	Models in Teaching and Learning Mathematics	3
MPPM1113	MHPM1123	Design and Implementation of Mathematics Curriculum	3
MPPM 1223	MHPM1133	Assessment in Mathematics Education	3
MPPM 1353	MHPM2243	Technology in Mathematics Education	3
<b>Total</b>			<b>12</b>
<b>Dissertation</b>			
	MPPT2180	Dissertation I	
	MPPT2280	Dissertation II	
<b>Total</b>			
<b>Grand total</b>			<b>45</b>

## Notes for students

- Mixed mode does not have program electives so you need to take all the courses listed.
- You are only allowed to register for your dissertation after you have completed all your courses.
- **International students** are required to register for the **Malaysian Society and Culture** course for the university elective.
- Most local School of Education students register for the Dynamics of Leadership course for the university elective although you are allowed to register for any of the other courses.

**Mode: RESEARCH MODE****List of Courses**

Old code	New code	Name	No of credits
<b>University Elective Courses</b>			
U...60X3	U... 60X3	Kursus umum universiti (University elective course)	3
<b>Total</b>			<b>3</b>
<b>School Core</b>			
UHPP 0010		Research Methods and Data Analysis	
MPPU 1070		Critical Analysis	
MPPU 1080		Academic Writing	
<b>Total</b>			
<b>Research</b>			
MPPT 1100		Dissertation	
<b>Total</b>			
<b>Grand total</b>			

## Notes for students

- As of now, the three school core courses has been combined into one online course. Please register for all three courses in the same semester.
- To register for thesis, you need to follow the semester and year you are in. if it is year I and semester I, it should be MPPT1100 and so forth.
- You need to ensure that you have one publications before you are allowed to go for the viva.
- it is compulsory for students to present their proposal by the end of the third semester but, It is encouraged to present your proposal in your second semester.
- The maximum number of **semesters is 8 semesters**

## PhD

Old code	New code	Name	No of credits
<b>University Elective Courses</b>			
U...60X3	U... 60X3	Kursus umum university (University elective course)	3
<b>Total</b>			<b>3</b>
<b>School Core</b>			
UHPP 0010		Research Methods and Data Analysis	
MPPU 1070		Critical Analysis	
MPPU 1080		Academic Writing	
<b>Total</b>			
<b>Research</b>			
PPPT 1100- PPTxxxx		thesis	
<b>Total</b>			
<b>Grand total</b>			

- As of now, the three school core courses has been combined into one online course. Please register for all three courses in the same semester.
- To register for thesis, you need to follow the semester and year you are in. if it is year 1 and semester 1, it should be PPPT 1100 and so forth.
- You need to ensure that you have two publications before you are allowed to go for the viva.
- It is encouraged to present your proposal in your second semester, although it is compulsory for students to present their proposal by the end of the fourth semester.
- The maximum number of **semesters is 16 semesters.**