

# SCHOOL OF EDUCATION

## RESEARCH METHODOLOGY COURSE

### General Instructions for Students (Semester 2, Session 2022/2023)

#### **PhD & Master of Philosophy students:**

Full research students (Master of Philosophy and PhD) registered under the School of Education (SOE) must register ALL course codes below. These courses are implemented together to enable better integration between the courses. Please make sure you register under the same section for all codes.

- 1) MPPU 1070 (Critical Analysis) : Module 1
- 2) UHPP 0010 (Research Methodology) : Module 2
- 3) MPPU 1080 (Academic Writing) : Module 3

However, **for intake starting in Semester 2 2022/2023**, students have to register for only one code course to replace all three of the above-mentioned courses, which is UHPP 6013 (Research Methodology).

#### **Mixed mode students:**

For mixed-mode research, students have to register for only one code course. Please choose the correct code course.

MHPU 1014: For intake starting 2021/2022 **or**

MPPU 1074: For intake before 2021/2022

1. A briefing on the details of the course will be conducted on **29<sup>th</sup> Mar 2023 (Wednesday, 4.00 pm Malaysian time)**
2. Prior to the briefing session, please log into your E-Learning Course to access and review the learning materials. This is very important for the session to be productive (<https://elearning.utm.my>).
3. This course will be conducted into the following modes.
  - Asynchronous sessions involve structured self-directed learning activities by using reading and video materials provided on E-Learning, and also structured activities recommended by the tutors
  - Synchronous sessions will be conducted using either one of the platforms such as Webex, Zoom, GoogleMeet and such. The link of the synchronous session will be provided before the semester begins, and also in the E-learning. Please observe the activities by checking regularly the E-Learning and the announcement made by the SOE.
4. There are 7 sessions of the synchronous for each of the sections which will begin on **Week 2** that covers 3 modules –

#### **Module 1: Doing Critical Review & Analysis**

*Synopsis:* The aim of this module is to develop students' knowledge and understanding on social science research. The students will be introduced to the processes involved in identifying and determining researchable social science issues based on literatures. From the literature review and analysis students will also learn how to formulate the problem into researchable issues such as formulating the research objectives and research questions. The

students will also learn how to formulate the focus of the study by producing the conceptual and theoretical framework. In specific, among topics will be discussed are as follows:

- literature survey and review activities
- problem formulation
- research objectives & research questions
- conceptual framework & theoretical framework

### **Module 2: Framing Research Issue And Deciding On Research Methodology**

*Synopsis:* In this module, students will be introduced to the process of identifying specific research design to address the research objectives and research questions. As a continuation from module 1, the alignment between research problems and the design should be understood as critical to the research process as a whole. At this stage, students will addressed the questions of how and why the specific problems or issues require specific designs. Three main approaches namely quantitative, qualitative and mixed methods will be discussed separately to assist the students in identifying philosophical framework which directs and permeates the use of certain procedures, methods and techniques in their research. Each of the research approach will be addressed based on several perspectives:

- research design
- population and sampling
- research instrumentation
- data analysis and interpretation

### **Module 3: Academic Writing**

*Synopsis:* As a continuation from previous modules, this module will challenge the students to apply their writing skills and style by working on research ideas. Through this activity, students are required to work on their research ideas by observing critical principles of research such as plagiarism and ethical consideration. It is also expected that the students will be able to enhance their understanding about research more concisely, especially when they start to working on their actual research proposal and more importantly when working on publication. Among topics covered:

- academic writing skills
- working on research ideas
- plagiarism
- ethical considerations

5. Completion of the modules is indicated by the submission of all tasks through E-Project by the stated dates.
6. There are five (5) assignments to be completed as a pass requirement:

No	Assignment	%	Deadline
1.	Critical Review & Meta-Analysis	20	8 JUN 2023
2.	Conceptualisation Of Research	20	
3.	Research Data Simulation	20	
4.	Research Ideas Outline	30	6 JUL 2023
5.	Presentation Video on Research Ideas Outline	10	

7. All assignment must be submitted on EProject website.

The link is:

**<http://fssh.utm.my/eproject/ProjectList.asp>**

Log in:

**User ID: Matrics Number**

**Password: IC/Passport Number**

8. Courses And Class Schedules

**MHPU 1074/MHPU 1014, MPPU 1070, MPPU 1080, UHPP 0010/UHPP 6013**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	29 MAR 2023	4.00 PM	COURSE BRIEFING TS DR SHARIFAH OSMAN <a href="https://utm.webex.com/join/sharifah.o/">https://utm.webex.com/join/sharifah.o/</a>
01 (MONDAY class)	3 APR 2023	4.00 PM	MODULE 1 DR NUR HUSNA ABDUL WAHID <a href="https://utm.webex.com/join/husna/">https://utm.webex.com/join/husna/</a>
	10 APR 2023		MODULE 2: QUANTITATIVE DR NORULHUDA ISMAIL <a href="https://utm.webex.com/join/p-norulhuda/">https://utm.webex.com/join/p-norulhuda/</a>
	17 APR 2023		MODULE 2: QUANTITATIVE DR NORULHUDA ISMAIL <a href="https://utm.webex.com/join/p-norulhuda/">https://utm.webex.com/join/p-norulhuda/</a>
	8 MAY 2023		MODULE 2: QUALITATIVE TS DR SHARIFAH OSMAN <a href="https://utm.webex.com/join/sharifah.o/">https://utm.webex.com/join/sharifah.o/</a>
	15 MAY 2023		MODULE 2: QUALITATIVE TS DR SHARIFAH OSMAN <a href="https://utm.webex.com/join/sharifah.o/">https://utm.webex.com/join/sharifah.o/</a>
	29 MAY 2023		MODULE 2: MIXED METHODS AP DR AEDE HATIB MUSTA'AMAL <a href="https://utm.webex.com/meet/aede">https://utm.webex.com/meet/aede</a>
	12 JUN 2023		MODULE 3: ACADEMIC WRITING AP DR SANITAH MOHD YUSOF <a href="https://utm.webex.com/join/p-sanitah/">https://utm.webex.com/join/p-sanitah/</a>

**MHPU 1074/MHPU 1014, MPPU 1070, MPPU 1080, UHPP 0010/UHPP 6013**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	29 MAR 2023	4.00 PM	COURSE BRIEFING TS DR SHARIFAH OSMAN <a href="https://utm.webex.com/join/sharifah.o/">https://utm.webex.com/join/sharifah.o/</a>
<b>02 (TUESDAY class)</b>	4 APR 2023	4.00 PM	MODULE 1 AP DR BAHARIN ABU <a href="https://utm.webex.com/meet/baharin">https://utm.webex.com/meet/baharin</a>
	11 APR 2023		MODULE 2: QUANTITATIVE AP DR ADIBAH ABDUL LATIF <a href="https://utm.webex.com/join/p-adibah/">https://utm.webex.com/join/p-adibah/</a>
	18 APR 2023		MODULE 2: QUANTITATIVE AP DR ADIBAH ABDUL LATIF <a href="https://utm.webex.com/join/p-adibah/">https://utm.webex.com/join/p-adibah/</a>
	9 MAY 2023		MODULE 2: QUALITATIVE AP DR NARINA ABU SAMAH <a href="https://utm.webex.com/join/narina/">https://utm.webex.com/join/narina/</a>
	16 MAY 2023		MODULE 2: QUALITATIVE AP DR NARINA ABU SAMAH <a href="https://utm.webex.com/join/narina/">https://utm.webex.com/join/narina/</a>
	30 MAY 2023		MODULE 2: MIXED METHODS DR MAHYUDDIN ARSAT <a href="https://utm.webex.com/join/mahyuddin/">https://utm.webex.com/join/mahyuddin/</a>
	13 JUN 2023		MODULE 3: ACADEMIC WRITING AP DR JAMALUDIN HARUN <a href="https://utm.webex.com/join/p-jamal/">https://utm.webex.com/join/p-jamal/</a>

**MHPU 1074/MHPU 1014, MPPU 1070, MPPU 1080, UHPP 0010/UHPP 6013**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	29 MAR 2023	4.00 PM	COURSE BRIEFING TS DR SHARIFAH OSMAN <a href="https://utm.webex.com/join/sharifah.o/">https://utm.webex.com/join/sharifah.o/</a>
<b>03 (WEDNESDAY class)</b>	5 APR 2023	4.00 PM	MODULE 1 AP DR ZAINUDIN ABU BAKAR <a href="https://utm.webex.com/meet/p-zain">https://utm.webex.com/meet/p-zain</a>
	12 APR 2023		MODULE 2: QUANTITATIVE AP DR M. AL MUZZAMIL MOHD YASIN muzzutm@meetingapac4.webex.com
	19 APR 2023		MODULE 2: QUANTITATIVE AP DR M. AL MUZZAMIL MOHD YASIN muzzutm@meetingapac4.webex.com
	10 MAY 2023		MODULE 2: QUALITATIVE AP DR HJ ZAINUDIN HASSAN <a href="https://utm.webex.com/join/p-zainudin/">https://utm.webex.com/join/p-zainudin/</a>
	17 MAY 2023		MODULE 2: QUALITATIVE AP DR HJ ZAINUDIN HASSAN <a href="https://utm.webex.com/join/p-zainudin/">https://utm.webex.com/join/p-zainudin/</a>
	31 MAY 2023		MODULE 2: MIXED METHODS AP DR MOHD SAFARIN NORDIN <a href="https://utm.webex.com/join/p-safarin/">https://utm.webex.com/join/p-safarin/</a>
	14 JUN 2023		MODULE 3: ACADEMIC WRITING AP DR ZAINAL ABIDIN ZAINUDDIN <a href="https://utm.webex.com/meet/p-zainal">https://utm.webex.com/meet/p-zainal</a>