

SCHOOL OF EDUCATION

RESEARCH METHODOLOGY COURSE

General Instructions for Students (Semester 1, Session 2024/2025)

PhD & Master of Philosophy Students: Students enrolled in the PhD or Master of Philosophy (full research) programs under the School of Education (SOE) are required to register for the following course:

- **UHPP 6013: Research Methodology**
(Refer to the Course & Class Schedule below)

Mixed-Mode Students: Students enrolled in the mixed-mode research program under the School of Education (SOE) are required to register for the following course:

- **MHPU 1014: Research Methodology and Data Analysis in Education**
(Refer to the Course & Class Schedule below)

1. A **briefing** on the course details will be held on **16th October 2024 (Wednesday, 4:00 p.m. Malaysia time)**.
2. You may log into the **E-Learning Course platform** to access and review the learning materials at <https://elearning.utm.my>.
3. The course will be conducted in the following modes:
 - **Asynchronous Sessions:** These involve structured, self-directed learning activities using the reading materials, videos, and other resources available on the e-learning platform. Section lecturers will also provide additional structured activities.
 - **Synchronous Sessions:** These live sessions will be conducted via platforms such as WebEx, Zoom, Google Meet, or similar. The link to each synchronous session will be provided before the semester begins and will also be available on the e-learning platform. Please check the e-learning platform and SOE announcements regularly for updates and activity schedules.
4. There will be **7 synchronous sessions** for each section, starting from **Week 3** (refer to the Section & Class Schedule below). These sessions will cover **3 modules**:

Module 1: Doing Critical Review & Analysis

Synopsis:

The aim of this module is to develop students' knowledge and understanding of social science research. Students will be introduced to the processes involved in identifying and determining researchable social science issues through a literature review. From this review and analysis, students will learn how to transform these issues into researchable problems, including formulating research objectives and research questions. Additionally, students will develop skills in formulating the focus of the study, including creating conceptual and theoretical frameworks. The specific topics covered will include:

- Literature survey and review activities
- Problem formulation
- Research objectives and research questions
- Conceptual framework and theoretical framework

Module 2: Framing Research Issues and Deciding on Research Methodology

Synopsis:

This module introduces students to the process of selecting an appropriate research design to address their research objectives and questions. Building on Module 1, students will learn the importance of aligning research problems with the appropriate design, recognising this alignment as critical to the entire research process. In this module, students will explore the rationale behind choosing specific designs to address particular research problems.

Three primary research approaches—**quantitative**, **qualitative**, and **mixed-methods**—will be discussed in detail to help students identify the philosophical frameworks guiding the use of various procedures, methods, and techniques in their research. Each approach will be examined from multiple perspectives, including:

- Research design
- Population and sampling
- Research instrumentation
- Data analysis and interpretation

Module 3: Academic Writing

Synopsis:

In this module, students will be challenged to apply their writing skills and style to develop their research ideas. As a continuation of the previous modules, this module will focus on the practical aspects of academic writing, guiding students to work on their research ideas while adhering to critical research principles such as avoiding plagiarism and upholding ethical standards. This module also aims to help students refine their understanding of research, particularly as they begin working on their actual research proposals and, more importantly, as they prepare for publication.

Topics covered will include:

- Academic writing skills
- Developing research ideas
- Plagiarism
- Ethical considerations

5. Completion of the modules will be confirmed **upon the submission** of all assigned tasks through the **Research Methodology (RM) web-based platform** at <http://fssh.utm.my/rm>, by the specified deadlines.
6. A total of **five (5) assignments** must be completed as part of the **pass requirement** for the course:

No	Assignment	%	Deadline
1.	Literature Review Matrix/Synthesis Matrix	20	5 Jan 2025
2.	Summary of Research Design	20	
3.	Research Data Simulation	20	
4.	Research Ideas Outline	30	12 Jan 2025
5.	Presentation Video on Research Ideas Outline	10	

7. All assignments must be submitted via the **RM web-based platform**.

Access the platform using the following link:

<http://fssh.utm.my/rm>

Login credentials:

- **User ID:** Matric Number
- **Password:** IC Number (for local students) or ISID (for international students)

7. Courses And Class Schedules

Full research (Master of Philosophy and PhD): **UHPP6013**

Mixed Mode Master: **MHPU1014**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	[W2] 16 OCT 2024	4.00 PM	COURSE BRIEFING AP Ts. DR SHARIFAH OSMAN https://utm.webex.com/join/sharifah.o/
SECTION 06 (WEDNESDAY CLASS) MEDIUM: ENGLISH	[W3] 23 OCT 2024	4.00 PM - 7.00 PM	MODULE 1 DR NUR HUSNA ABDUL WAHID https://utm.webex.com/join/husna/
	[W5] 6 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH DR NORULHUDA ISMAIL https://utm.webex.com/join/p-norulhuda/
	[W6] 13 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH DR NORULHUDA ISMAIL https://utm.webex.com/join/p-norulhuda/
	[W9] 4 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP Ts DR SHARIFAH OSMAN https://utm.webex.com/join/sharifah.o/
	[W10] 11 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP Ts DR SHARIFAH OSMAN https://utm.webex.com/join/sharifah.o/
	[W11] 18 DEC 2024		MODULE 2: MIXED-METHODS RESEARCH AP DR HASNAH MOHAMED https://utm.webex.com/meet/hasnah-m
	[W13] 1 JAN 2025		MODULE 3: ACADEMIC WRITING DR MUHAMMAD ABD HADI BUNYAMIN https://utm.webex.com/meet/mabhadi

Full research (Master of Philosophy and PhD): **UHPP6013**

Mixed Mode Master: **MHPU1014**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	[W2] 16 OCT 2024	4.00 PM	COURSE BRIEFING AP Ts. DR SHARIFAH OSMAN https://utm.webex.com/join/sharifah.o/
SECTION 07 (SUNDAY class) MEDIUM: ENGLISH	[W3] 20 OCT 2024	4.00 PM - 7.00 PM	MODULE 1 AP DR ZAINUDIN ABU BAKAR https://utm.webex.com/meet/p-zain
	[W5] 3 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH AP DR ADIBAH ABDUL LATIF https://utm.webex.com/join/p-adibah/
	[W6] 10 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH AP DR ADIBAH ABDUL LATIF https://utm.webex.com/join/p-adibah/
	[W9] 1 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP DR NARINA ABU SAMAH https://utm.webex.com/join/narina/
	[W10] 8 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP DR NARINA ABU SAMAH https://utm.webex.com/join/narina/
	[W11] 15 DEC 2024		MODULE 2: MIXED-METHODS RESEARCH AP DR MOHD SAFARIN NORDIN https://utm.webex.com/join/p-safarin/
	[W13] 29 DEC 2024		MODULE 3: ACADEMIC WRITING DR MUHAMMAD ABD HADI BUNYAMIN https://utm.webex.com/meet/mabhadi

Full research (Master of Philosophy and PhD): **UHPP6013**

Mixed Mode Master: **MHPU1014**

SECTION & CLASS	DATE	TIME	MODULE & LECTURER
WEDNESDAY	[W2] 16 OCT 2024	4.00 PM	COURSE BRIEFING AP Ts. DR SHARIFAH OSMAN https://utm.webex.com/join/sharifah.o/
SECTION 08 (MONDAY class) MEDIUM: MALAY	[W3] 21 OCT 2024	4.00 PM - 7.00 PM	MODULE 1 AP DR ZAINUDIN ABU BAKAR https://utm.webex.com/meet/p-zain
	[W5] 4 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH AP DR ABDUL HALIM ABDULLAH https://utm.webex.com/meet/p-halim
	[W6] 11 NOV 2024		MODULE 2: QUANTITATIVE RESEARCH AP DR ABDUL HALIM ABDULLAH https://utm.webex.com/meet/p-halim
	[W9] 2 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP DR HJ ZAINUDIN HASSAN https://utm.webex.com/join/p-zainudin/
	[W10] 9 DEC 2024		MODULE 2: QUALITATIVE RESEARCH AP DR HJ ZAINUDIN HASSAN https://utm.webex.com/join/p-zainudin/
	[W11] 16 DEC 2024		MODULE 2: MIXED-METHODS RESEARCH AP DR MOHD SAFARIN NORDIN https://utm.webex.com/join/p-safarin/
	[W13] 30 DEC 2024		MODULE 3: ACADEMIC WRITING AP DR ZAINAL ABIDIN ZAINUDDIN https://utm.webex.com/meet/p-zainal