

## SCHOOL OF EDUCATION

### RESEARCH METHODOLOGY COURSE: GENERAL INSTRUCTIONS TO STUDENTS

**PhD & Master of Philosophy students:** Please make sure that you register for all these courses. Those who have taken some of the courses need to complete the remaining courses.

- 1) UHPP 0010
- 2) MPPU1070
- 3) MPPU1080

**Mixed mode students:** You only have to register for the **MPPU1074** code

A briefing on the details of the research methodology and data analysis course will be conducted on **Week 3 (Monday 3 November 2020)**

<https://utm.webex.com/utm/j.php?MTID=maea94bb2ffa9beed2e8b24096b75c726>

Please log into your course's E-learning prior to the briefing session to access existing learning materials. Detailed information about the course is available in the Padlet pages link in your E-Learning. <https://elearning.utm.my>

#### SECTIONS AND CLASS SCHEDULE

Section	Day/ Time / Classroom	Lecturer	Online Learning link (starting week 4)
01 (Malay medium)	Sunday (4.00 pm)	1. PROF DR ZALEHA ISMAIL 2. DR NORULHUDA ISMAIL 3. DR SHARIFAH OSMAN 4. DR HADI BUNYAMIN 5. DR NOORZANA KHAMIS	<a href="https://utm.webex.com/join/p-zaleha/">https://utm.webex.com/join/p-zaleha/</a>
02 (Malay medium)	Monday (4.00 pm)	1. DR NUR HUSNA ABDUL WAHID 2. AP DR M AL MUZZAMIL MOHD YASIN 3. AP DR NARINA A SAMAH 4. DR SITI NISRIN MOHD ANIS 5. AP DR AEDE HATIB MUSTA'AMAL	<a href="https://utm.webex.com/join/husna/">https://utm.webex.com/join/husna/</a>
03 (Malay medium)	Tuesday (4.00 pm)	1. AP DR SANITAH BINTI MOHD YUSOF 2. DR RUSTAM MOHD RAMELI 3. FARAHWAHIDAH ABDUL RAHMAN 4. AP DR LOKMAN TAHIR 5. DR MOHD SHAFIE ROSLI	<a href="https://utm.webex.com/join/p-sanitah/">https://utm.webex.com/join/p-sanitah/</a>

<p style="text-align: center;"><b>04</b> <b>(English medium)</b></p>	<p style="text-align: center;"><b>Wednesday</b> <b>(4.00 pm)</b></p>	<ol style="list-style-type: none"> <li>1. AP DR JOHARI SURIF</li> <li>2. AP DR JAMALUDIN HARUN</li> <li>3. AP DR MAHANI BINTI MOKHTAR</li> <li>4. DR. NAJUA SYUHADA BINTI AHMAD ALHASSORA</li> <li>5. DR HASNAH MOHAMED</li> </ol>	<p><a href="https://utm.webex.com/meet/johari_surif">https://utm.webex.com/meet/johari_surif</a></p>
<p style="text-align: center;"><b>05</b> <b>(English medium)</b></p>	<p style="text-align: center;"><b>Thursday</b> <b>(4.00 pm)</b></p>	<ol style="list-style-type: none"> <li>1. AP DR ZAINUDIN ABU BAKAR <b>(Coordinator)</b></li> <li>2. PROF DR MOHAMAD BILAL ALI</li> <li>3. AP DR ZAINAL ABIDIN BIN ZAINUDDIN</li> <li>4. DR. MAHYUDDIN BIN ARSAT</li> <li>5. AP DR M AL MUZZAMIL MOHD YASIN</li> </ol>	<p><a href="https://utm.webex.com/join/p-zain/">https://utm.webex.com/join/p-zain/</a></p>

**The course will be conducted fully online through asynchronous and synchronous sessions.**

- Asynchronous sessions involve self-directed learning activities by using reading and video materials provided on E-Learning.
- 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 on E-Learning. Please be alert on the date and time of the synchronous session by checking on E-Learning regularly.
- The first synchronous session will be conducted on Week 4 according to the section that you have registered using the link given in the time table.
- Completion of the three modules is indicated through the submission of assigned tasks specified to all modules through E-Projek.
- It **is compulsory** for you to consult your supervisor(s) while completing the assignments given based on the three modules.

## MAIN MODULES

The course is divided into **three modules**:

### **MODULE 1: DOING CRITICAL REVIEW**

**Synopsis:** The aim of this module is to develop students' knowledge and understanding of the role and conduct of social science research. To assist students to develop informed opinions and critical appreciation for other research, the students will be introduced to the processes involved in identifying and determining researchable social science issues based on literature. The ethical issues will also be addressed.

**Implementation duration: Week 4 and 5**

**Submission of Assignment: Week 7**

### **MODULE 2: FRAMING YOUR RESEARCH ISSUE AND DECIDING ON RESEARCH**

#### **METHODOLOGY**

**Synopsis:** In this module, students will be exposed to processes involved in formulating researchable issues. Doing research is a process with layers of intertwining activities which demands students to decide and able to justify their decision for their research. Research entails rigorous processes which are based on underlying philosophical framework which directs and permeates the use of certain procedures, methods and techniques that are valid and reliable which makes a research to be unbiased, organizable and objective. Thus, deciding on a research design does not have a cookie-cutter way that suit for every researcher or students who are planning to conduct a research. It is based on the issues that researchers want to explore and investigate. In this case, formulating research issues is among the initial process prior to deciding on any research design. "What do you want to explore and investigate?" is the key question that any researcher would ask to begin their research journey which have been covered in Module 1. Module 2 is the continuation of Module 1 in which the focus would be on framing research issue(s) or problem(s) and determining research methodology (which includes research design, sampling design, data collection process and analysis).

**Implementation duration: Week 6, 7, 8 and 9**

**Submission of Assignment: Week 12**

### **MODULE 3: PLANNING ON RESEARCH**

**Synopsis:** Planning a research starts from identification of research problems or issues understudy and follows by series of processes such as systematic literature review, deciding on research design, constructing instruments for data collection and such. In this module, students will be exposed to strategies and tips to structure the writing up of academic research project. In specific, discussion of preparation of research proposal will also be included in this course. The discussion of research proposal will cover the key points of proposal writing based on UTM Thesis Manual.

**Implementation duration: Week 10 and 11**

**Submission of Assignment: Week 14**