

## URTP6013 RESEARCH METHODOLOGY - SCHEDULE SEMESTER II, SESSION 2022/2023

### SOCIAL SCIENCE (WEEKEND CLASSES)

Time : 9.00 am - 12.00 pm ; 2.00 pm - 5.00 pm

Venue: To be announce (TBA)

Cohort 1 : Social Science (Mphil. and Phd. by research)

Section No. : 02 (Semester break 24 - 28 April 2023)

No.	Module	Date	Lecturers	Topics	Time	Lecture Room
1	Meeting 1	1-Apr-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	INTRODUCTION - Introduction to Scientific approach to Research, Importance of Research, Research practise, Research Problem, Hypothesis, Components of research-Conceptual framework and action, Research Purpose and objectives, Research scope and limitation	9am-12noon	TBA
					2pm-5pm	TBA
2	Meeting 2	9-Apr-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	LITERATURE REVIEW- purpose of literature review, how to conduct literature review, common flaws in literature review, how to do critical review on other research  Library Search by PSZ Librarian	9am-12noon	TBA
					2pm-5pm	TBA
3	Meeting 3	13-May-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	RESEARCH DESIGN – QUALITATIVE & MIXED-METHOD i. Understanding the Qualitative viewpoint ii. Research Paradigm and Mixed Methods Approach iii. Data Collection and analysis : various approaches/methods iv. Validity and Reliability	9am-12noon	TBA
					2pm-5pm	TBA
4	Meeting 4	27-May-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	RESEARCH DESIGN - QUANTITATIVE i. Types of Quantitative Research ii. Research design – Physical / numerical modelling. iii. Materials and methods. iv. Sampling design / experimentation. v. Variables and indicators. vi. Instrumentation and data collection.  WRITING AND PRESENTATION i. Preparation of research proposal. ii. Writing the research outline iii. Writing of thesis / dissertation. iv. Seminar/conference presentation & research publications	9am-12noon	TBA
					2pm-5pm	TBA
5	Meeting 5	3-Jun-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	STATISTICAL ANALYSIS using SPSS i. Analysing, Interpreting and Reporting Result ii. Classroom activities/Discussion ii. Error analysis and validity of results. iii. Significance of findings. iv. Conclusions and recommendation for further work. v. Case study activity/discussion on student research work.	9am-12noon	TBA
					2pm-5pm	TBA
6	Meeting 6	24-Jun-23	PM Sr. Dr. Siti Uzairiah binti Mohd Tobi Dr. Raja Marzyani bt Raja Mazlan	Proposal Presentation -Research Proposal i. Introduction/Research Background ii. Problem Statement/Research Gap/Research Objectives and Research Questions iii. Literature Review and Theoretical Framework iv. Research Methodology (Research Design/Research Types/Data Collection/Data Analysis) v. Expected Contribution vi. Action planning	9am-1pm	TBA

\* Please register under section no. : 02, under Razak Faculty of Technology and Informatics

Note: \*\* Course Coordinator who will be responsible to consolidate marks and keying-in the marks in the system

TBA : \*\* To be announced

Date Issued : 22 March 2023