

**Research Methodology Course – Semester January 2015
(Master by Research & PhD Programmes)**

Venue: BS 2, UGSM Training Room, 5th Floor, UNISEL Shah Alam

DATE	MODULE	Lecturer
17/01/15 (Saturday) 9:00-1:00 pm	Module 1: Introduction <ul style="list-style-type: none"> • Defining the Research Problem • Research Background • Research Process • Research Questions • Problem Statement • Research Objectives • Significance of Research • Research Scope and Limitation • Quantitative Research • Qualitative Research • Case Study Method • Mixed Methods 	Dr Aza Azlina Md Kassim
24/01/15 (Saturday) 9:00 am – 1:00 pm	Module 2: Literature Review <ul style="list-style-type: none"> • Library facilities, journal database (9-10:30 pagi) • Literature Review • Familiarizing with References Using APA style • Theoretical Framework • Conceptual Framework • Formulation of Hypothesis 	En Zaidi Zakaria (Pegawai Perpustakaan) Dr Nor Azilah Hussin
14/02/15 (Saturday) 9:00 am – 1:00 pm	Module 3: Research Design <ul style="list-style-type: none"> • Research Design • Sampling Design • Data Collection • Observation Method • Interview Method • Questionnaires • Practice Session: Pre-Test Questionnaires • Types of Statistical Analyses • Practice Session: Pilot Test 	Dr Hafsah Ahmad

<p>1/03/15 (Sunday) 9:00 am – 1:00 pm</p>	<p>Modul 4: Research Proposal</p> <ul style="list-style-type: none"> • Elements of Research Proposal • Writing Research Proposal • Vetting Research Proposal <p>Qualitative Research</p> <ul style="list-style-type: none"> • How did qualitative research develop? • How do you choose whether to use the quantitative or qualitative approach? • What characteristics distinguish and are common to qualitative research in each of the six steps? <ul style="list-style-type: none"> :- Identify a research problem. :- Reviewing the literature :- Specifying a purpose for research. :- Collecting data. :- Analyzing & interpreting data. :- Reporting and evaluating research. 	<p>Assoc Prof Dr Jamilah Mustafa</p>
<p>08/03/15 (Sunday) 9:00 am – 2:00 pm</p>	<p>Module 5: Introduction to SPSS</p> <ul style="list-style-type: none"> • Introducing SPSS • Processing and Analysis of Data • Reliability Analysis • Descriptive Statistics • Exploratory data Analysis • T-Tests and ANOVA • Correlation • Regression • Exploratory Factor Analysis • Reporting Results of Statistical Analysis 	<p>Prof Dr Mokhtar Abdullah</p>
<p>28/03/15 (Saturday) 9:00 am – 2:00 pm</p>	<p>Module 6: SEM</p> <ul style="list-style-type: none"> • Introduction to Structural Equation Modeling (SEM) • SEM vs Regression • Reflective and Formative Constructs • Confirmatory Factor Analysis (CFA) 	<p>Prof Dr Mokhtar Abdullah</p>
<p>11/04/15 (Saturday) 9:00 am – 1:00 pm</p>	<p>Module 7: Effective Proposal & VIVA Presentation</p>	<p>Puan Mazian Mohamad</p>
<p>12/04/15 (Sunday)</p>	<p>FINAL EXAMINATION</p>	

9:00 am		
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