



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

Faculty of  
Built Environment  
and Surveying

## UBEP6013 RESEARCH METHODOLOGY (2025/2026)\_01

COURSE : RESEARCH METHODOLOGY

CODE : UBEP6013

VENUE : HYBRID – PHYSICAL CLASS : HYBRID Room, Level 1, C03, FABU, UTM Johor Bahru

VIRTUAL CLASS : Online meeting link will be provided for hybrid and online

DAY /TIME (Malaysia Time)	LECTURER	TOPIC
Week 1 10 October 2025 Friday (9:00-12:00 MYT)	<a href="#">Coordinator</a>	<b>INTRODUCTION TO RESEARCH</b> <ul style="list-style-type: none"> <li>Science and Scientific Research</li> <li>Thinking Like a Researcher: Basic Terms</li> </ul>
Week 2 17 October 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>INTRODUCTION TO RESEARCH</b> <ul style="list-style-type: none"> <li>The Research Process</li> <li>Theories in Scientific Research</li> </ul>
Week 3 24 October 2025 Friday (9:00-12:00 MYT)	<a href="#">Dr. Mohamad Fadhli bin Rashid</a> ( <a href="mailto:m.fadhli@utm.my">m.fadhli@utm.my</a> )	<b>RESEARCH ETHICS</b> <ul style="list-style-type: none"> <li>Ethics and Integrity in Research</li> </ul>
Week 4 31 October 2025 Friday (9:00-12:00 MYT)	<a href="#">Assoc. Prof. Ar. Dr. Lim Yaik Wah</a> ( <a href="mailto:lywah@utm.my">lywah@utm.my</a> )	<b>BASICS OF EMPIRICAL RESEARCH</b> <ul style="list-style-type: none"> <li>Literature Review</li> </ul>
Week 5 7 November 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Sr. Dr. Mazlan bin Hashim</a> ( <a href="mailto:mazlan@utm.my">mazlan@utm.my</a> )	<b>BASICS OF EMPIRICAL RESEARCH</b> <ul style="list-style-type: none"> <li>Identification of Research Topics &amp; Developing Frameworks</li> </ul>
Week 6 14 November 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>BASICS OF EMPIRICAL RESEARCH</b> <ul style="list-style-type: none"> <li>Research Design</li> <li>Measurement</li> </ul>
Week 7 21 November 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>BASICS OF EMPIRICAL RESEARCH</b> <ul style="list-style-type: none"> <li>Reliability and Validity</li> <li>Sampling</li> </ul>
Week 8 (24th to 30th November) 2025		<b>SEMESTER BREAK</b>
Week 9 5 December 2025 Friday (9:00-12:00 MYT)	<a href="#">Assoc. Prof. Ar. Dr. Lim Yaik Wah</a> ( <a href="mailto:lywah@utm.my">lywah@utm.my</a> )	<b>RESEARCH PROPOSAL</b> <ul style="list-style-type: none"> <li>Writing a Research Proposal</li> <li>UTM Thesis Guidelines &amp; Template</li> </ul>
Week 10 12 December 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>QUANTITATIVE METHOD: DATA COLLECTION</b> <ul style="list-style-type: none"> <li>Survey Research</li> <li>Experimental Research</li> </ul>
Week 11 19 December 2025 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>QUANTITATIVE METHOD: DATA ANALYSIS</b> <ul style="list-style-type: none"> <li>Descriptive Statistics</li> <li>Inferential Statistics</li> </ul>
Week 12 26 December 2025 Friday (9:00-12:00 MYT)	<a href="#">Assoc. Prof. Sr. Dr. Choong Weng Wai</a> ( <a href="mailto:cwengwai@utm.my">cwengwai@utm.my</a> )	<b>QUALITATIVE METHOD: DATA COLLECTION</b> <ul style="list-style-type: none"> <li>Case Research</li> <li>Interpretive Research</li> </ul>
Week 13 2 January 2026 Friday (9:00-12:00 MYT)	<a href="#">Sr. Dr. Kamalahasan a/l Achu</a> ( <a href="mailto:kamalahasan@utm.my">kamalahasan@utm.my</a> )	<b>QUALITATIVE METHOD: DATA ANALYSIS</b> <ul style="list-style-type: none"> <li>Qualitative Analysis</li> </ul>
Week 14 9 January 2026 Friday (9:30-12:00 MYT)	<a href="#">Prof. Sr. Dr. Mazlan bin Hashim</a> ( <a href="mailto:mazlan@utm.my">mazlan@utm.my</a> )	<b>MIXED METHODS RESEARCH</b> <ul style="list-style-type: none"> <li>Mixed Method Research Designs</li> </ul>
Week 15 16 January 2026 Friday (9:00-12:00 MYT)	<a href="#">Prof. Dr. Mohammad Rafee bin Majid</a> ( <a href="mailto:rafee@utm.my">rafee@utm.my</a> )	<b>AI In RESEARCH DESIGN AND WRITING</b> <ul style="list-style-type: none"> <li>AI in research writings and design</li> <li>Ethical Considerations</li> </ul>

\* The timetable is subject to change upon students/ lecturers' request due to unforeseen circumstances (if any)

Course Coordinator:

Assoc. Prof. Sr Ts Dr. Noorsidi Aizuddin bin Mat Nor

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