

CURRICULUM STRUCTURE

MASTER IN TRANSPORTATION ENGINEERING SESSION 2022/2023

Course Code	Course Name	Credit Hours
UNIVERSITY COURSES (3 CREDITS) – CHOOSE ONE (1) ONLY *Course availability depends on current course offered by the faculty		
UECS6023	Introduction to Technopreneurship	3
UHPS6013	Dynamics of Leadership	3
UHMZ6023	Malaysian Society & Culture	3
UECS6013	IT Project Management	3
UBSS6013	Organization Behavior & Development	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UHS6013	Philosophy of Science and Civilization	3
UHMS6013	Seminar on Global Development, Economic and Social Issues	3
URTS6013	Environmental Ethics	3
UHLM6013	Bahasa Malaysia Penulisan Ilmiah	3
UMJJ6013	Basic Japanese Language & Culture	3
CORE COURSES (18 CREDITS) – COMPULSORY TO COMPLETE ALL		
MEAU0013	Research Methodology	3
MEAQ1013	Highway & Infrastructure Design	3
MEAQ1023	Advanced Road Material	3
MEAQ1043	Transport Planning	3
MEAQ1053	Pavement Design and Construction	3
MEAQ1083	Traffic Management & Analysis	3
ELECTIVE COURSES (6 CREDITS) – CHOOSE ANY TWO (2) FROM THE FOLLOWING LIST		
MEAQ1063	Public Transport System	3
MEAQ1073	Airport Planning and Design	3
MEAQ1033	Transport and Environmental Planning	3
MEAQ1093	Transport Safety	3
MEAQ1103	Disaster Management for Transportation Network	3
MEAQ1113	Pavement Management System	3
MEAQ1123	GIS For Civil Engineers	3
FREE ELECTIVE COURSES (3 CREDITS) – CHOOSE ONE (1) ONLY		
CHOOSE ONE(1) from any subjects offered by other programmes, school or from the above elective subject		3
MASTER PROJECT (10 CREDITS)		
MEAQ 1514	Masters Project 1	4
MEAQ 1526	Masters Project 2	6
TOTAL CREDIT		40