



MASTER IN GEOTECHNICAL ENGINEERING

CURRICULUM STRUCTURE

UNIVERSITY GENERAL COURSES

Kod Kursus	Nama Kursus	Kredit
UECS6023	Introduction to Technopreneurship	3 credits
UHPS6013	Dynamics of Leadership	3 credits
UHMZ6023	Malaysian Society & Culture	3 credits
UECS6013	IT Project Management	3 credit
UBSS6013	Organization Behavior & Development	3 credit
UBSS6023	Business Ethics, Responsibility and Sustainability	3 credit
UHS6013	Philosophy of Science and Civilization	3 credit
UHMS6013	Seminar on Global Development, Economic and Social Issues	3 credit
URTS6013	Environmental Ethics	3 credit
UHLM6013	Bahasa Malaysia Penulisan Ilmiah	3 credit
UMJJ6013	Basic Japanese Language & Culture	3 credit
	Jumlah	3 credits

MASTER PROJECT

Kod Kursus	Nama Kursus	Kredit
MEAJ 1514	Masters Project 1	4 credits
MEAJ 1526	Masters Project 2	6 credits
	Jumlah	10 credits

CORE COURSES

Kod Kursus	Nama Kursus	Kredit
MEAU 0013	Research Methodology	3 credits
MEAJ 1013	Advanced Soil Mechanics	3 credits
MEAJ 1023	Advanced Geotechnical Analysis and Design	3 credits
MEAJ 1033	Advanced Foundation Engineering	3 credits
MEAJ 1043	Slope Engineering	3 credits
MEAJ 1073	Geological and Rock Engineering	3 credits
	Jumlah	18 credits

ELECTIVE COURSES

Kod Kursus	Nama Kursus	Kredit
Elective Courses – Choose any TWO(2) from the following list		
MEAJ 1053	Software Application in Geotechnical Engineering	3 credits
MEAJ 1063	Soil Dynamics	3 credits
MEAJ 1083	Environmental Geotechnics	3 credits
MEAJ 1093	Unsaturated Soil Mechanics	3 credits
MEAJ 1113	Tunnel Engineering	3 credits
Free Elective Courses (Total : 3 credits)		
Choose ONE(1) from any subjects offered by other programmes, school or from the above elective subject		3 credits
	Jumlah	9 credits