

CURRICULUM STRUCTURE

University's General Elective Courses(Total : 6 credits)		
UABA 0013	Principle of Engineering Management	3 credits
UAPA 0013	Research Methodology	3 credits
Core Courses (Total : 18 credits)		
MKAJ 1013	Advanced Soil Mechanics	3 credits
MKAJ 1023	Advanced Geotechnical Analysis and Design	3 credits
MKAJ 1033	Advanced Foundation Engineering	3 credits
MKAJ 1043	Slope Engineering	3 credits
MKAJ 1073	Advanced Rock Mechanics and Engineering Geology	3 credits
MKAJ 1103	Geological Engineering and Environmental Hazard	3 credits
Elective Courses – Choose any two from the following list (Total : 6 credits)		
MKAM 1033	Construction Technology	3 credits
MKAJ 1063	Geotechnical Earthquake Engineering	3 credits
MKAJ 1053	Software Application in Geotechnical Engineering	3 credits
	Environmental Geotechnics	3 credits
MKAJ 1083	Unsaturated Soil Mechanics	3 credits
MKAJ 1093	Tunnel Engineering	3 credits
MKAJ 1113		
Free Elective Courses (Total : 6 credits)		
Choose any two subjects offered by other programmes, faculties or from the above elective subjects		6 credits
Masters Project (Total : 10 credits)		
MKAJ 1514	Masters Project 1	4 credits
MKAJ 1216	Masters Project 2	6 credits
TOTAL CREDITS		46 credits
Duration of Study		
Full Time	:	3 – 8 semester