

MASTER OF ENGINEERING (GEOTECHNINC) - MKAJ

Code	Courses	Credits
UNIVERSITY COURSES (6 credits)		
UABA0013	Principle of Engineering Management	3
UAPA0013	Research Methodology	3
CORE COURSES (18 credit)		
MKAJ1013	Advanced Soil Mechanics	3
MKAJ1023	Advanced Geotechnical Analysis and Design	3
MKAJ1033	Advanced Foundation Engineering	3
MKAJ1043	Slope Engineering	3
MKAJ1073	Engineering Rock Mechanics	3
MKAJ1103	Geological Engineering and Environment	3
ELECTIVE COURSES (12 credit) (Choose 2 courses)		
MKAJ1053	Software Application in Geotechnical Engineering	3
MKAJ1063	Geotechnical Earthquake Engineering	3
MKAJ1083	Environmental Geotechnics	3
MKAJ1093	Unsaturated Soil Mechanics	3
MKAJ1113	Tunnel Engineering	3
MKAM1033	Construction Technology	3
FREE ELECTIVE COURSES (6 credit)		
Choose any two (2) courses offered by other programmes, by other faculties, OR from the elective courses		
Master Project/ Disertasi (10 credits)		
MKAJ1514	Master's Project I	4
MKAJ1526	Master's Project II	6
TOTAL CREDITS		46

Duration of Study:

2 – 8 semester