

MASTER OF ENGINEERING (TRANSPORTATION) - MKAQ

Code	Courses	Credits
UNIVERSITY COURSES (6 credits)		
UABA0013	Principle of Engineering Management	3
UAPA0013	Research Methodology	3
CORE COURSES (18 credit)		
MKAQ1013	Highway & Infrastructure Design	3
MKAQ1023	Advanced Road Material	3
MKAQ1043	Transport Planning	3
MKAQ1053	Pavement Design and Construction	3
MKAQ1063	Public Transport System	3
MKAQ1083	Traffic Management & Analysis	3
ELECTIVE COURSES (6 credit)		
MKAQ1073	Airport Planning and Design	3
MKAQ1033	Transport and Environmental Planning	3
MKAQ1093	Transport Safety	3
MKAQ1103	Disaster Management	3
MKAQ1113	Pavement Management System	3
MKAQ1123	GIS For Civil Engineers	3
MKAJ1053	Software Application In Geotechnical Engineering	3
MKAJ1013	Advanced Soil Mechanics	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)		
MKAQ1514	Master's Project I	4
MKAQ1526	Master's Project II	6
TOTAL CREDITS		46

Duration of Study:

2 – 8 semester