

MASTER OF ENGINEERING (HYDRAULICS AND HYDROLOGY) - MKAG

Code	Courses	Credits
UNIVERSITY COURSES (6 credits)		
UABA0013	Principle of Engineering Management	3
UAPA0013	Research Methodology	3
CORE COURSES (18 credits)		
MKAG1113	Advanced Hydraulics	3
MKAG1123	Hydraulic Structures	3
MKAG1133	Coastal Engineering	3
MKAG1213	Advanced Hydrology	3
MKAG1223	Water Resources Management	3
MKAG1233	Urban Stormwater Management	3
ELECTIVE COURSES (6 credits) (choose 2 courses)		
MKAG1143	River and Estuarine Hydrodynamics	3
MKAG1153	Fluvial Hydraulics	3
MKAG1163	Computational Environmental Hydraulics	3
MKAG1173	Water Supply Engineering	3
MKAG1183	Coastal Structures	3
MKAG1193	Port and Harbour Engineering	3
MKAG1243	Ground Water Hydrology	3
MKAG1253	Ground Water Modelling	3
MKAG1263	Irrigation Engineering	3
MKAG1273	Statistical Hydrology	3
MKAG1313	Computational Fluid Dynamics	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)		
MKAG1514	Master Project I	4
MKAG1526	Master Project II	6
TOTAL CREDITS		46

Duration of Study :

Full Time : 2 – 8 semester