PROGRAM STRUCTURE

MASTER OF SCIENCE IN STATISTICS (42 CREDITS)			
1. COMPULSORY COURSES (26 CREDITS)			
COURSE CODE	COURSE NAME	PRE-REQUISITE	CREDIT
SQB7001	Research Methodology for Statistics		3
SQB7002	Research Project for Statistics		10
SQB7003	Statistical Inference		4
SQB7004	Probability Theory		4
SQB7005	Statistical Laboratory		2
SQB7006	Statistical Consultancy and Data Analysis		3
2. ELECTIVE COURSES (16 CREDITS)			
COURSE CODE	COURSE NAME	PRE-REQUISITE	CREDIT
SQB7007	Multivariate Analysis		4
SQB7008	Stochastic Models		4
SQB7009	Bayesian Statistics		4
SQB7010	Decision Statistics		4
SQB7011	Generalized Linear Models		4
SQB7012	Experimental Design and Quality Engineering		4
SQB7013	Statistical Time Series		4
SQB7014	Risk Theory		4
SQB7015	Stochastic Processes in Finance		4
SQB7016	Computer Intensive Methods		4
SQB7017	Robust Statistics		4
SQB7018	Statistical Methods in Bioinformatics		4
SQB7019	Data Mining		4
SQB7020	Survival Data Analysis		4
SQB7021	Epidemiology Modelling		4

RESEARCH PROJECT

1. Students should approach the lecturer himself/herself to discuss the possible topic of research.
2. Students need to register for research project (5 credits hours per semester) online for two consecutive semesters.
3. Students need to fill in the project registration form (can be downloaded from ISM website) and submit the form to Mrs. Budiyah (MM4).
4. Students need to get the signature of the supervisor during every meeting and to be submitted together with their notice of submission.
5. Students will present their progress at the end of the first semester (15 minutes), present their final findings (30 minutes) and submit their written report (2 copies) for evaluation.
6. Students must complete the project in two semesters only. Otherwise, they will be awarded grade F, and will re-register the research project again.