

Department of **Statistics**
Graduate – Statistics
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS)

Smt	Code	Courses	Credits
1	SS2301	Probability Theory	3
1	SS2302	Sampling Methods	3
1	SS2303	Linear Model	3
1	SS2401	Statistical Analysis**	3
1	SS2402	Experimental Design**	3
1	SS2403	Stochastic Processing**	3
1	SS2404	Statistical Quality Control**	3
1	SS2405	Quality Design**	3
1	SS2406	Simulation Technique**	3
1	SS2407	Artificial Neural Network**	3
1	SS2408	Econometrics**	3
1	SS2409	Population Studies**	3
1	SS2414	Inventory and Production	3

Smt	Code	Courses	Credits
		Controlling Design**	
2	SS2304	Inference Statistics	3
2	SS2305	Multivariate Analysis	3
2	SS2411	Qualitative Data Analysis**	3
2	SS2412	Nonparametric Regression**	3
2	SS2413	Time Series Analysis**	3
2	SS2415	Queuing Theory**	3
2	SS2416	Bayesian Analysis**	3
2	SS2417	Data Mining**	3
2	SS2418	Marketing Research**	3
2	SS2419	Official Statistics**	3
2	SS2420	Meta-Analysis**	3
3	SS2306	Data Analysis**	3

Smt	Code	Courses	Credits
3	SS2421	Spatial Statistics**	3
3	SS2422	Reliability Analysis**	3
3	SS2423	Intensive Computing Statistics**	3
3	SS2424	Actuary**	3
3	SS2425	Statistical Consultation**	3
3	SS2426	Special Topics in Advanced Statistics**	3
3	SS2427	Research Methods and Colloquium**	3
4	SS2501	Thesis	6

* Select one of those with stars

** Elective courses