Interrelation of Subject and Program Learning Outcome (ILO)

No	Subject	Intended Learning Outcome (ILO)							
		ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7	ILO8
Compulsory Course									
1	English							M	L
2	Introduction to Life Sciences	M		L	L	M	H	M	L
3	Introduction to Economics	H		M		M	H		M
4	Mathematics	H			L	M			
5	Introduction to Sets and Logics	H				H	L	L	L
6	Introduction to Management	L				M	M		M
7	Statistical Method I	H		M	L	M	M		L
8	• Islam • Catholics • Christianity • Hinduism • Buddhism							L	H
9	Introduction to Probability	H		M		H	M		L
10	Statistical Method II	H		M	L	M	M		L
11	Introduction to Regression Analysis	H		H	L	M	M	L	L
12	Mathematics I	H			L	M			L
13	Matrices and Vector Spaces	H				M			L
14	Financial Mathematics	H		M		H	H	L	L
15	Basics of Programming				H	M		L	L
16	Linear Programming	M		H	M	H		M	M
17	Mathematics II	H				M	L		L
18	Mathematical Statistics I	H		M		H	M		L
19	Introduction to Experimental Design				H	M		L	L
20	Nonparametric Statistics	M	M	M	L	M		L	L
21	Database	H		H	M	M	M		L

No	Subject	Intended Learning Outcome (ILO)							
		ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7	ILO8
22	Introduction to Numerical Analysis	H		M	L	H			L
23	Statistical Quality Control	H		H	M	H	M		L
24	Mathematical Statistics II	H		M		H	M		L
25	Citizenship							M	H
26	Categorical Data Analysis	H		H	M	H	M		L
27	Introduction to Linear Model	M		H	M	H	H	M	L
28	Sampling and Survey Technique	H	H	M			L	L	M
29	Time Series Analysis	H		H	M	M	M	L	L
30	Computational Statistics	M	L	M	H	H		M	L
31	Entrepreneurship			M		H		H	H
32	Pancasila							M	H
33	Multivariate Analysis I	H		H	M	H			M
34	Data Mining	M		H	M	H	M	M	L
35	Indonesian Language							M	L
36	Scientific Research and Writing Method	M		M					
37	Internship	H	H	H	H	H	H	H	H
38	Final Project	H	H	H	H	H	H	H	H
Elective Course									
39	Stochastic Processes	H		M		H	M		L
40	Econometrics	M		H	M	H		M	M
41	Decision Theory	M		M	M	M	H	M	L
42	Macroeconomics	H		M		M	H		M
43	Actuarial Science	H		M		H	L	L	L
44	Smoothing Methods	H		H	M	M	M	L	L
45	Bayesian Analysis	H		H	M	M	M		L
46	Spatial Analysis	H	L	H	M	M	M		L
47	Reliability Analysis	H		H	M	M		L	L
48	Response Surface	H		H	M	M		L	L

No	Subject	Intended Learning Outcome (ILO)							
		ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7	ILO8
49	Biometrics	H	M	H	M	H	M	M	L
50	Optimization Technique	H		M		H	M	L	L
51	Advanced Statistical Quality Control	H		H	M	H	M		L
52	Measurement Design	H	H	M			L	L	M
53	Social Statistics	M	H	M		H			L
54	Management Information System	H			H	M	M		L
55	Artificial Neural Network Models	M		M	H	M		M	L
56	Advanced Categorical Data Analysis	H		H	M	H	M		L
57	Multivariate Analysis II	H		H	M	H			M
58	Statistical Consulting	M		H	M	H		H	H
59	Capita Selecta of Statistical Economics	H		M	M	M		M	L
60	Capita Selecta of Computational Statistics	H	L	H	H	H	H	H	L
61	Sciences					H	H	M	M
62	Exploratory Data Analysis	H		M	L	M		L	L
63	Microeconomics	H		M		M	H		M
64	Data Structure	H			H	M	M		L
65	Analysis of Variance	H	H	M	M	M	M		L
66	Risk Theory	H		M		H	H	L	L
67	Simulation Methods	H	H		H	H	M	M	M
68	Advanced Regression Analysis	H		H	M	M	M	L	L
69	Operation Research	M		H	M	H		M	M
70	Forecasting Methods	H		H	M	M	M	L	L
71	Advanced Computational Statistics	M	L	M	H	H		M	L
72	Survival Analysis	H		H	M	M		L	L
73	Fuzzy Logic Model	M		M	H	M		M	L
74	Industrial Statistics	M		H	H	M	H		M
75	Advanced Econometrics	M		H	M	H		M	M
76	Non-Linear Time Series Analysis	H		H	M	M	M	L	L

No	Subject	Intended Learning Outcome (ILO)							
		ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7	ILO8
77	Capita Selecta of Life Sciences	H		M	M	M		M	L
78	Big Data Analysis	M			H	M		L	L
79	Community Service Program					H	M	H	H

Notes:
L : Low
M : Medium
H : High