

The Curriculum and Credits for Compulsory Courses

Semester 1

No	Subject	Credit			Total
		Course	Lab	Project	
1	English	4.5	0	0	4.5
2	Introduction to Life Sciences	4.5	0	0	4.5
3	Introduction to Economics	4.5	0	0	4.5
4	Mathematics	4.5	0	0	4.5
5	Introduction to Sets and Logics	3.0	0	0	3.0
6	Introduction to Management	3.0	0	0	3.0
7	Statistical Method I	3.0	1.5	0	4.5
Sum		27	1.5	0	28.5

Semester 2

No	Subject	Credit			Total
		Course	Lab	Project	
8	<ul style="list-style-type: none"> • Islam • Catholics • Christianity • Hinduism • Buddhism 	4.5	0	0	4.5
9	Introduction to Probability	4.5	0	0	4.5
10	Statistical Method II	3.0	1.5	0	4.5
11	Introduction to Regression Analysis	4.5	0	0	4.5
12	Mathematics I	4.5	0	0	4.5
13	Matrices and Vector Spaces	4.5	0	0	4.5
14	Financial Mathematics	4.5	0	0	4.5
Sum		30	1.5	0	31.5

Semester 3

No	Subject	Credit			Total
		Course	Lab	Project	
15	Basics of Programming	3.0	1.5	0	4.5
16	Linear Programming	4.5	0	0	4.5
17	Mathematics II	4.5	0	0	4.5
18	Mathematical Statistics I	4.5	0	0	4.5
19	Introduction to Experimental Design	4.5	0	0	4.5
20	Nonparametric Statistics	4.5	0	0	4.5
Sum		25.5	1.5	0	27

Semester 4

No	Subject	Credit			Total
		Course	Lab	Project	
21	Database	3.0	1.5	0	4.5
22	Introduction to Numerical Analysis	3.0	1.5	0	4.5

No	Subject	Credit			Total
		Course	Lab	Project	
23	Statistical Quality Control	4.5	0	0	4.5
24	Mathematical Statistics II	4.5	0	0	4.5
25	Citizenship	4.5	0	0	4.5
26	Categorical Data Analysis	4.5	0	0	4.5
Sum		24	3	0	27

Semester 5

No	Subject	Credit			Total
		Course	Lab	Project	
27	Introduction to Linear Model	4.5	0	0	4.5
28	Sampling and Survey Technique	4.5	0	0	4.5
29	Time Series Analysis	4.5	0	0	4.5
30	Computational Statistics	3.0	1.5	0	4.5
31	Entrepreneurship	4.5	0	0	4.5
32	Pancasila	3.0	0	0	3.0
Sum		24	1.5	0	25.5

Semester 6

No	Subject	Credit			Total
		Course	Lab	Project	
33	Multivariate Analysis I	3.0	1.5	0	4.5
34	Data Mining	4.5	0	0	4.5
35	Indonesian Language	4.5	0	0	4.5
36	Scientific Research and Writing Method	3.0	0	0	3.0
Sum		15	1.5	0	16.5

Odd and Even Semester

No	Subject	Credit			Total
		Course	Lab	Project	
37	Internship	0	0	1.95	1.95
38	Final Project	0	0	11.88	11.88
Sum		0	0	13.83	13.83