

LIST OF COMPULSORY AND ELECTIVE COURSES IN ODD SEMESTER

Code	Courses	Credit Points			Sta tus	Se mes ter	Requirements
		C	Lab	S			
UBU60005	English	3	-	3	C	1	-
MAS61211	Introduction to Life Sciences	3	-	3	C	1	-
MAS61311	Introduction to Economics	3	-	3	C	1	-
MAS61111	Mathematics	3	-	3	C ⁺	1	-
MAS61112	Introduction to Sets and Logics	2	-	2	C	1	-
MAS61312	Introduction to Management	2	-	2	C	1	-
MAS61121	Statistical Method I	2	1	3	C	1	-
MPK60007	Indonesian	2	-	2	C	1	-
MAS61131	Basics of Programming	2	1	3	C	3	-
MAS61321	Linear Programming	3	-	3	C ⁺	3	MAS62113, MAS61311
MAS61113	Mathematics II	3	-	3	C ⁺	3	MAS62112
MAS61114	Mathematical Statistics	3	-	3	C ⁺	3	MAS62111
MAS61212	Introduction to Experimental Design	3	-	3	C ⁺	3	MAS62121
MAS61122	Nonparametric Statistics	3	-	3	C ⁺	3	MAS62121
MAS61123	Introduction to Linear Model	3	-	3	C ⁺	5	MAS62122, MAS61212, MAS62121
MAS61124	Sampling and Survey Technique	3	-	3	C	5	MAS61114
MAS61322	Time Series Analysis	3	-	3	C	5	MAS62115, MAS62122
MAS61132	Computational Statistics	2	1	3	C	5	MAS62121, MAS61131
UBU60004	Entrepreneurship	2	-	2	C	5	≥ 60 credit points
UBU60003	Community Development Participation	4	-	4	C	5	≥ 80 credit points
MPK60008	Pancasila	2	-	2	C	5	-
UBU60002	Internship	3	-	3	C	7	≥ 100 credit points
MAS61115	Stochastic Process	3	-	3	E ⁺	3	MAS62111
MAS61323	Econometrics	3	-	3	E	3	MAS62122, MAS62311

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		C	Lab	S			
MAS61331	Decision Theory	2	-	2	E	3	MAS62111
MAS61324	Macroeconomics	3	-	3	E	3	MAS62311
MAS61332	Actuarial Science	3	-	3	E	3	MAS62331
MAS61325	Smoothing Method	2	-	2	E	3	MAS62122
MAS61133	Bayesian Analysis	3	-	3	E	5	MAS62115
MAS61125	Spatial Analysis	3	-	3	E	5	MAS62115, MAS62122
MAS61333	Analysis of Reliability	3	-	3	E	5	MAS62115, MAS62122
MAS61221	Response Surface	2	-	2	E	5	MAS61212
MAS61222	Biometrics	3	-	3	E ⁺	5	MAS61212
MAS61134	Optimization Technique	2	-	2	E	5	MAS62114, MAS61321
MAS61334	Advanced Statistical Quality Control	3	-	3	E	5	MAS62332
MAS61326	Measurement Design	2	-	2	E	5	≥ 80 credit points
MAS61327	Social Statistics	2	-	2	E	5	MAS61122, MAS62221
MAS61136	Management Information System	3	-	3	E	5	MAS61312, MAS62131
MAS61137	Artificial Neural Network Models	3	-	3	E	7	MAS61131, MAS61132
MAS61223	Advanced Categorical Data Analysis	2	-	2	E	7	MAS62221
MAS61116	Multivariate Analysis II	3	-	3	E	7	MAS62123
MAS61117	Statistical Consulting	2	-	2	E	7	≥ 100 credit points
MAS61335	Capita Selecta of Statistical Economics	2	-	2	E	7	≥ 100 credit points
MAS61138	Capita Selecta of Computational Statistics	2	-	2	E	7	MAS61132
Total credit points				113			

Notes:

Requirement is courses that have been taken in previous semester and not an E grade.

⁺ : the course has a tutorial class

C : credit points for class

Lab : credit points for laboratory session

S : sum of credits points

P : status of elective course

W : status of compulsory course