

## DAFTAR MATA KULIAH PS S1 STATISTIKA

### Daftar Mata Kuliah Wajib dan Pilihan Semester Ganjil

Kode	Mata Kuliah	sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
UBU60005	Bahasa Inggris/ <i>English</i>	3	-	3	W	1	-
MAS61211	Pengantar Ilmu Kehidupan/ <i>Introduction to Life Sciences</i>	3	-	3	W	1	-
MAS61311	Pengantar Ilmu Ekonomi/ <i>Introduction to Economics</i>	3	-	3	W	1	-
MAS61111	Matematika Dasar/ <i>Mathematics</i>	3	-	3	W <sup>+</sup>	1	-
MAS61112	Peng.Himpunan & Logika/ <i>Introduction to Sets and Logics</i>	2	-	2	W	1	-
MAS61312	Pengantar Manajemen/ <i>Introduction to Management</i>	2	-	2	W	1	-
MAS61121	Metode Statistika I/ <i>Statistical Method I</i>	2	1	3	W	1	-
MPK60007	Bahasa Indonesia/ Indonesian Language	2	-	2	W	1	-
MAS61131	Dasar-dasar Pemrograman/ <i>Basics of Programming</i>	2	1	3	W	3	-
MAS61321	Pemrograman Linier/ <i>Linear Programming</i>	3	-	3	W <sup>+</sup>	3	MAS62113, MAS61311
MAS61113	Matematika II/ <i>Mathematics II</i>	3	-	3	W <sup>+</sup>	3	MAS62112
MAS61114	Statistika Matematika I/ <i>Mathematical Statistics</i>	3	-	3	W <sup>+</sup>	3	MAS62111
MAS61212	Pengantar Rancangan Percobaan/ <i>Introduction to Experimental Design</i>	3	-	3	W <sup>+</sup>	3	MAS62121
MAS61122	Statistika Non Parametrik/ Nonparametric Statistics	3	-	3	W <sup>+</sup>	3	MAS62121
MAS61123	Pengantar Model Linier/ <i>Introduction to Linear Model</i>	3	-	3	W <sup>+</sup>	5	MAS62122, MAS61212, MAS62121
MAS61124	Teknik Sampling & Survei/ <i>Sampling and Survey Technique</i>	3	-	3	W	5	MAS61114
MAS61322	Analisis Deret Waktu/ Time Series Analysis	3	-	3	W	5	MAS62115, MAS62122
MAS61132	Komputasi Statistika/ <i>Computational Statistics</i>	2	1	3	W	5	MAS62121, MAS61131
UBU60004	Kewirausahaan/ <i>Entrepreunership</i>	2	-	2	W	5	≥ 60 sks
UBU60003	PKM/ <i>Community Development Participation</i>	4	-	4	W	5	≥ 80 sks

Kode	Mata Kuliah	sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
MPK60008	Pancasila/ <i>Pancasila</i>	2	-	2	W	5	-
UBU60002	PKL/ <i>Field Work Study</i>	3	-	3	W	7	≥ 100 sks
MAS61115	Proses Stokastik/ <i>Stochastic Process</i>	3	-	3	P <sup>+</sup>	3	MAS62111
MAS61323	Ekonometrika/ <i>Econometrics</i>	3	-	3	P	3	MAS62122, MAS62311
MAS61331	Teori keputusan/ <i>Decision Theory</i>	2	-	2	P	3	MAS62111
MAS61324	Ekonomi Makro/ <i>Macroeconomics</i>	3	-	3	P	3	MAS62311
MAS61332	Aktuaria/ <i>Actuarial Science</i>	3	-	3	P	3	MAS62331
MAS61325	Metode Pemulusan/ <i>Smoothing Method</i>	2	-	2	P	3	MAS62122
MAS61133	Analisis Bayesian/ <i>Bayesian Analysis</i>	3	-	3	P	5	MAS62115
MAS61125	Analisis Spasial/ <i>Spatial Analysis</i>	3	-	3	P	5	MAS62115, MAS62122
MAS61333	Analisis Reliabilitas/ <i>Analysis of Reliability</i>	3	-	3	P	5	MAS62115, MAS62122
MAS61221	Respon Permukaan/ <i>Response Surface</i>	2	-	2	P	5	MAS61212
MAS61222	Biometrika/ <i>Biometrics</i>	3	-	3	P <sup>+</sup>	5	MAS61212
MAS61134	Teknik Optimasi/ <i>Optimization Technique</i>	2	-	2	P	5	MAS62114, MAS61321
MAS61334	Stat. Peng. Mutu Lanjut/ <i>Advanced Statistical Quality Control</i>	3	-	3	P	5	MAS62332
MAS61326	Rancangan Pengukuran/ <i>Measurement Design</i>	2	-	2	P	5	≥ 80 sks
MAS61327	Statistika Sosial/ <i>Social Statistics</i>	2	-	2	P	5	MAS61122, MAS62221
MAS61136	Sistem Informasi Manajemen/ <i>Management Information System</i>	3	-	3	P	5	MAS61312, MAS62131
MAS61137	Model Jar. Syaraf Tiruan/ <i>Artificial Neural Network Models</i>	3	-	3	P	7	MAS61131, MAS61132
MAS61223	Analisis Data Kategorik Lanjutan/ <i>Advanced Categorical Data Analysis</i>	2	-	2	P	7	MAS62221
MAS61116	Analisis Multivariat II/ <i>Multivariate Analysis II</i>	3	-	3	P	7	MAS62123

Kode	Mata Kuliah	sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
MAS61117	Konsultan Statistika/ <i>Statistical Consulting</i>	2	-	2	P	7	≥ 100 sks
MAS61335	Kap. Sel. Statistika Ekonomi/ <i>Capita Selecta of Statistical Economics</i>	2	-	2	P	7	≥ 100 sks
MAS61138	Kap. Sel. Ilmu Komputasi/ <i>Capita Selecta of Computational Statistics</i>	2	-	2	P	7	MAS61132
<b>Jumlah sks</b>				113			

#### Daftar Mata Kuliah Wajib dan Pilihan Semester Genap

Kode	Mata Kuliah	Sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
MPK60001	Agama Islam/ <i>Islamic Religion</i>	2	-	2	W	2	-
MPK60002	Agama Katholik/ <i>Catholics Religion</i>	2	-	2	W	2	-
MPK60003	Agama Kristen/ <i>Christiany Religion</i>	2	-	2	W	2	-
MPK60004	Agama Hindu/ <i>Hinduism Religion</i>	2	-	2	W	2	-
MPK60005	Agama Budha/ <i>Budhism Religion</i>	2	-	2	W	2	-
MAS62111	Pengantar Teori Peluang/ <i>Introduction to Probability Theory</i>	3	-	3	W <sup>+</sup>	2	MAS61112
MAS62121	Metode Statistika II/ <i>Statistical Method II</i>	2	1	3	W	2	MAS61121
MAS62122	Pengantar Analisis Regresi/ <i>Introduction to Regression Analysis</i>	3	-	3	W <sup>+</sup>	2	MAS61121 MAS62113
MAS62112	Matematika I/ <i>Mathematics I</i>	3	-	3	W <sup>+</sup>	2	MAS61111
MAS62113	Matriks dan Ruang Vektor/ <i>Matrices and Vector Spaces</i>	3	-	3	W <sup>+</sup>	2	MAS61111
MAS62331	Matematika Keuangan/ <i>Financial Mathematics</i>	3	-	3	W	2	MAS61111
MAS62131	Basis Data/ <i>Data Base</i>	2	1	3	W	4	MAS61131
MAS62114	Pengantar Analisis Numerik/ <i>Introduction to Numerical Analysis</i>	2	1	3	W	4	MAS62112, MAS61131
MAS62332	Statistika Pengendalian Mutu/ <i>Statistical Quality Control</i>	3	-	3	W <sup>+</sup>	4	MAS62121
MAS62115	Statistika Matematika II/	3	-	3	W <sup>+</sup>	4	MAS61114

Kode	Mata Kuliah	Sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
	<i>Mathematical Statistics II</i>						
MPK60006	Kewarganegaraan/ <i>Citizenship</i>	2	-	2	W	4	-
MAS62221	Analisis Data Kategorik/ <i>Categorical Data Analysis</i>	3	-	3	W <sup>+</sup>	4	MAS62122, MAS62111
MAS62123	Analisis Multivariat I/ <i>Multivariate Analysis I</i>	2	1	3	W	6	MAS62115, MAS62113
MAS62132	Data Mining/ <i>Mining Data</i>	3	-	3	W	6	MAS61132, MAS62131
MAS62124	MPPI/ <i>Scientific Research and Writing Method</i>	2	-	2	W	6	≥ 90 sks
UBU60001	Skripsi/ <i>Final Project</i>	6	-	6	W	8	≥ 120 sks
MAS62212	Kemipaan/ <i>Sciences</i>	2	-	2	P	2	-
MAS62125	Analisis Data Eksploratori/ <i>Exploratory Data Analysis</i>	2	-	2	P	2	MAS61121
MAS62311	Ekonomi Mikro/ <i>Microeconomics</i>	3	-	3	P	2	MAS61311
MAS62133	Struktur Data/ <i>Data Structure</i>	2	1	3	P	4	MAS61131
MAS62211	Analisis Variansi/ <i>Analysis of Variance</i>	3	-	3	P <sup>+</sup>	4	MAS61212
MAS62333	Teori Risiko/ <i>Risk Theory</i>	3	-	3	P	4	MAS62115, MAS61332
MAS62321	Metode Simulasi/ <i>Simulation Method</i>	2	-	2	P	4	MAS62111, MAS61131
MAS62126	Analisis Regresi Lanjutan/ <i>Advanced Regression Analysis</i>	2	1	3	P	4	MAS62122
MAS62322	Riset Operasi/ <i>Operation Research</i>	2	1	3	P	4	MAS61321, MAS62111
MAS62323	Metode Peramalan/ <i>Forecasting Methods</i>	2	1	3	P	6	MAS61322
MAS62134	Komputasi Statistika Lanjut/ <i>Advanced Computational Statistics</i>	2	1	3	P <sup>+</sup>	6	MAS61132
MAS62222	Analisis Survival/ <i>Analysis of Survival</i>	3	-	3	P	6	MAS62111, MAS62122
MAS62135	Model Logika Fuzzy/ <i>Fuzzy Logic Model</i>	3	-	3	P	6	MAS61322
MAS62334	Statistika Industri/ <i>Industrial Statistics</i>	2	-	2	P	6	MAS62332
MAS62324	Ekonometrika Lanjutan/ <i>Advanced Econometrics</i>	3	-	3	P	6	MAS61323, MAS61322
MAS62325	An Der Waktu Non Linier/ <i>Non</i>	2	-	2	P <sup>+</sup>	6	MAS61322

Kode	Mata Kuliah	Sks			Sta tus	Se mes ter	Prasyarat
		K	Pr	J			
	<i>Linear Time Series Analysis</i>						
MAS62223	Kap. Selektta Ilmu Kehidupan/ <i>Capita Selecta of Life Sciences</i>	2	-	2	P	6	≥ 100 sks
MAS62136	Analisis Big Data/ <i>Big Data Analysis</i>	3	-	3	P	6	MAS62131, MAS61132
<b>Jumlah sks</b>				115			

**Keterangan :**

Mata kuliah prasyarat adalah mata kuliah yang sudah diambil sebelumnya dan tidak mendapat nilai E

+ : MK tersebut ada responsi

K : sks kuliah

Pr : sks praktikum

J : jumlah sks

P : status mata kuliah pilihan

W : status mata kuliah wajib