

Struktur Kurikulum 2020		
Semester I		
No	Mata Kuliah	SKS
1	Stastical Learning & Optimization	3
2	ICT Business and Management	3
3	Research Methodology	3
4	Internet of Things	3
		SKS Semester I
		15
Semester II		
1	Project, Seminar & Publikasi	2
2	Advanced Cyber Security	3
3	Data Network & Protocol	3
4	Network Mathematics	3
5	MK Pilihan 1 (Major)	3
		SKS Semester II
		14
Semester III		
1	Proposal Thesis	3
2	Advanced Model and Network Simulation	3
3	MK Pilihan 2 (Major)	3
		SKS Semester III
		9
Semester IV		
1	Thesis	4
2	MK Pilihan 3 (Minor)	3
		SKS Semester IV
		7
		Total SKS
		45

Struktur Kurikulum 2024		
Semester I		
No	Mata Kuliah	SKS
1	Advanced Engineering Mathematics (ABK6-AAB3)	3
2	Deep Learning for Electrical Engineering (ABK6-BAB3)	3
3	Entrepreneurship for Engineers (ABK6-CAB3)	3
4	Research Philosophy and Ethics (ABK6-DAB3)	3
5	Data Network and Protocols	3
6	Internet of Things and Edge Computing	3
		SKS Semester I
		18
Semester II		
1	Research Design (ABK6-ZAB3)	3
2	Advanced Network Security	3
3	NETWORK MATHEMATICS	3
4	MK Pilihan 1 (Major)	3
5	MK Pilihan 2 (Major)	3
		SKS Semester II
		15
Semester III		
1	Thesis Proposal (ABK7-XAA3)	3
2	Thesis 1: Publication (ABK7-YAA5)	5
3	Management and Audit of Cyber Security	3
4	MK Pilihan 3 (Major/Minor)	3
		SKS Semester III
		14
Semester IV		
1	Thesis 2	5
2	MK Pilihan 4 (Major/Minor)	3
		SKS Semester IV
		8
		Total SKS
		55

Engineering Elective (Major)		
No	Name	SKS
1	Advanced Topics in NECS	3
2	Information Security	3
3	Software Networks	3
4	Data Mining	3
5	Broadband Communication Networks	3
6	Management and Audits of Information Security	3
7	IP Networks Interconnection	3
8	Telecom Networks and Performances	3

Engineering Elective (Major)		
No	Name	SKS
1	Information Security	3
2	Software Networks	3
3	BROADBAND COMMUNICATION NETWORKS	3
4	SELECTED TOPICS IN NETWORK ENGINEERING AND CYBER SECURITY	3
5	IP Network Interconnection	3
6	Advanced Network Modeling and Simulation	3
7	Regulation and Methods of Private Data Protection	3
8	Information Centric Networks	3
9	Optical Sensor Networks	3
10	Introduction to Digital and Network Forensics	3
11	Compressive Sensing and Network Applications	3

