

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
5	Intelligent Systems	3
SKS Semester I		15
Semester II		
1	Project, Seminar & Publikasi	2
2	Information Theory and Coding	3
3	Advanced Digital Communications	3
4	Advanced Wireless Communications	3
5	MK Pilihan 1 (Major)	3
SKS Semester II		14
Semester III		
1	Proposal Thesis	3
2	Advanced Digital Signal Processing and Applications	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	Advanced Wireless Communications	3
6	Classical & Quantum Information Theory	3
SKS Semester I		18
Semester II		
1	Research Design (ABK6-ZAB3)	3
2	Artificial Intelligence for Wireless Communication	3
3	Advanced Digital Signal Processing and Applications	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	Advanced Satellite Systems	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 Satellite Communications	3
2	Advanced Multiple Access	3
3	Intelligent Systems for Wireless Communications	3
4	Space System Engineering	3
5	Radar Signal Processing	3
6	Array Signal Processing	3
7	5G & Beyond Mobile Communications	3
8	Advanced Antenna	3

Engineering Elective (Major)		
No	Name	SKS
1	Quantum Computing and Algorithms	3
2	Advanced Multiple Access	3
3	Radar Signal Processing	3
4	Advanced Antenna	3
5	5G and Beyond Mobile Communication	3
6	Remote Sensing	3
7	Advanced Satellite Engineering	3
8	Selected Topics in IWCCS	3

