



POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

**FORMULIR RENCANA STUDI
S2 TEKNIK INFORMATIKA DAN KOMPUTER
PROGRAM PASCASARJANA MAGISTER TERAPAN**

Tanggal terbit : 15 Februari 2016

No. Revisi : 2012.02

Tahun Ajaran : 2015/2016

Semester : Genap

Nama :

NRP :

Tahun Masuk :

Mata Kuliah Pilihan yang ditawarkan

Kode	Mata Kuliah	Semester	Kredit		Jam		√
			Teori	Praktek	Teori	Praktek	
VI20005	Knowledge Discovery	2	2		2		
VI20006	Praktikum Knowledge Discovery	2		1		3	
VI20009	Web Design and Service Engineering	2	2		2		
VI20010	Praktikum Web Design and Service Engineering	2		1		3	
VI20025	Cross-Cultural Communication	2	2		2		
VI20026	Praktikum Cross-Cultural Communication	2		1		3	
VI20027	Medical Image Processing	2	2		2		
VI20028	Praktikum Medical Image Processing	2		1		3	
VI20029	Internet of Things	2	2		2		
VI20030	Praktikum Internet of Things	2		1		3	
VI20031	Cyber-Physical-Human Systems	2	2		2		
VI20032	Praktikum Cyber-Physical-Human Systems	2		1		3	
VI20033	Bioinformatics	2	2		2		
VI20034	Praktikum Bioinformatics	2		1		3	
VI20035	Evolutionary Computing	2	2		2		
VI20036	Praktikum Evolutionary Computing	2		1		3	

Persetujuan Dosen Pembimbing Utama,

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Koordinator Prodi S2 Teknik Informatika dan Komputer

Riyanto Sigit, S.T., M.Kom., Ph.D.

SEMESTER 1							√
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI201101	Advanced Mathematics, Algorithm & Programming	3		4		
2	VI201102	Signals and Systems	2		2		
3	VI201103	Research Methodology and Scientific Writing	2		2		
4	VI201104	Proposal Tesis		1		8	
5	VI201201	AI and Pattern Recognition	2		2		
6	VE201203	Network Management and Security	2		2		
7	VI201202	Praktikum AI and Pattern Recognition		1		3	
8	VI201204	Praktikum Network Management and Security		1		3	
9		Mata Kuliah Pilihan 1	2		2		
10		Praktikum Mata Kuliah Pilihan 1		1		3	
			13	4	14	17	
JUMLAH			17		31		

SEMESTER 2							√
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI202101	Progres Tesis 1		2		9	
2	VI202201	Modelling and Simulation	2		2		
3	VI202202	Praktikum Modelling and Simulation		1		3	
4		Mata Kuliah Pilihan 2	2		2		
5		Mata Kuliah Pilihan 3	2		2		
6		Praktikum Mata Kuliah Pilihan 2		1		3	
7		Praktikum Mata Kuliah Pilihan 3		1		3	
			6	5	6	18	
JUMLAH			11		24		

SEMESTER 3							√
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI202101	Progres Tesis 2		2		9	
2	VI203102	Standardization and Intellectual Property	2		2		
3	VI203201	High Performance Computing	2		2		
4	VI203202	Praktikum High Performance Computing		1		3	
5		Mata Kuliah Pilihan 4	2		2		
6		Praktikum Mata Kuliah Pilihan 4		1		3	
			6	4	6	15	
JUMLAH			10		21		

SEMESTER 4							√
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI204101	Tesis Akhir		6		18	
2							
3							
4							
5							
6							
			0	6	0	18	
JUMLAH			6		18		