

**SARJANA SAINS KOMPUTER**  
**MASTER OF COMPUTER SCIENCE**

**MOD KERJA KURSUS**

**Teras:**

Kod	Kursus	kredit
TA6434	Advanced Algorithms & Data Structure	4
TC6544	Advanced Artificial Intelligence	4
TR6144	Emerging Technologies and Innovations	4
TN6484	Networking and System Management	4
TM6114	Research Method in Computing	4
TK6074	Projek I	4
TK6078	Projek II	8
<b>Jumlah</b>		<b>32</b>

**Elektif (Trek Komputeran Prestasi Tinggi)\*:**

Kod	Kursus	kredit
TA6604	HPC Architecture and Technologies	4
TA6124	Parallel and Distributed System	4
TA6054	Advanced Numerical Analysis	4
TR6514	Mobile and Ubiquitous Computing	4
TP6534	Natural Language Processing	4
TA6024	Theory of Computation	4
TC6404	Image Processing and Computer Vision	4
TC6244	Machine Learning	4
<b>Jumlah (2 kursus sahaja)</b>		<b>8</b>

\*pelajar pilih dua kursus sahaja

**Elektif (Trek Teknologi Rangkaian)\*:**

Kod	Kursus	kredit
TN6014	Network modelling and simulation	4
TN6224	Computer Security & Defence	4
TA6024	Theory of Computation	4
TC6244	Machine Learning	4
<b>Jumlah (2 kursus sahaja)</b>		<b>8</b>

\*pelajar pilih dua kursus sahaja

**Struktur Program :**

Tahun	Komponen	Kod	Semester 1		Semester 2		
			Kursus	Kredit	Kod	Kursus	Kredit
1	Teras	TM6114	Research Methods in Computing	4	TC6544	Advanced Artificial Intelligence	4
			Emerging Technologies and Innovations	4		TN6484	Network and System Management
			Advanced Algorithms & Data Structure	4	T_6XX4		Specialization 1

		TK6074	Project I	4			
	Elektif	T_6XX4	Specialization 1	4			
					TH6078	Projek II	8
	<b>Jumlah Jam Kredit</b>		-	20	-		20

### **MOD KERJA KURSUS DAN PENYELIDIKAN**

**Teras :**

<b>Kod</b>	<b>Kursus</b>	<b>kredit</b>
TM6114	Research Method in Computing	4
TA6434	Advanced Algorithms & Data Structure	4
TR6144	Emerging Technologies and Innovations	
<b>Jumlah</b>		<b>12</b>

**Elektif sebagai Audit (Trek Komputeran Prestasi Tinggi)\*:**

<b>Kod</b>	<b>Kursus</b>	<b>kredit</b>
TA6054	Advanced Numerical Analysis	4
TR6514	Mobile and Ubiquitous Computing	4
TC6404	Image Processing and Computer Vision	4
TC6244	Machine Learning	4
TA6124	Parallel and Distributed System	4
TA6604	HPC Architecture and Technologies	4
TP6534	Natural Language Processing	4
<b>Jumlah</b>		<b>0</b>

**\*sebagai Audit**

**Elektif sebagai Audit (Trek Teknologi Rangkaian)\*:**

<b>Kod</b>	<b>Kursus</b>	<b>kredit</b>
TN6484	Networking and System Management	4
TN6014	Network modelling and simulation	4
TN6224	Computer Security and Defence	4
TC6244	Machine Learning	4
TC6544	Advanced Artificial Intelligence	4
<b>Jumlah</b>		<b>0</b>

**\*sebagai Audit**

**Kertas Projek:**

<b>Kod</b>	<b>Kursus</b>	<b>kredit</b>
TH617C	Disertasi I	12
TH617G	Disertasi II	16
<b>Jumlah</b>		<b>28</b>

**Struktur Program :**

Tahun	Komponen	Semester 1			Semester 2		
		Kod	Kursus	Kredit	Kod	Kursus	Kredit
1	Teras	TM6114	Research Methods in Computing	4	TR6144	Emerging Technologies and Innovations	4
		TA6434	Advanced Algorithms & Data Structure	4			
	Elektif						
	Kertas Projek	TK617C	Disertation I	12	TH617G	Disertasi II	16
	<b>Jumlah Jam Kredit</b>	-		20	-		20