

**KOMPONEN KURSUS IJAZAH SARJANA MUDA SAINS KOMPUTER (KOMPUTERAN  
INTERNET) (SMSKKI)  
SESI 2018/2019**

**Kursus Universiti (19 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	MPU31022	Tamadun Islam dan Tamaduan Asia (TITAS)	2
2	MPU33012/	Ilmu Wahyu dan Sains (Islam) /	2
	MPU33022	Moral dan Etika II (Bukan Islam)	
3	MPU33032 /	Ilmu Wahyu dan Kemasyarakatan (Islam)/	2
	MPU33042	Perbandingan Agama II (Bukan Islam)	
4	MPU31012	Hubungan Etnik	2
5	PBI10***	Bahasa Asing	2
6	PBI10102	English for Communication I	2
7	PBI10202	English for Communication II*	2
8	MPU32092	Asas Pembudayaan Keusahwanan	2
9	K** ****	Kokurikulum	3
<b>Jumlah</b>			<b>19</b>

\*Prasyarat :

- PBI10202 is course PBI10102

**Kursus Teras (42 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 11103	Problem Solving and Computer Programming	3
2	CSF 11203	Computer Organization and Architecture	3
3	CSF 11303	Human Machine Interaction	3
4	CSF 11403	Software Engineering Methods	3
5	CSF 11503	Social and Professional Ethics	3
6	CSF 11603	Discrete Mathematics	3
7	CSF 11703	Operating Systems	3
8	CSF 11803	Object Oriented Programming*	3
9	CSF 11903	Network and Security Fundamentals	3
10	CSF 21103	Probability and Statistical Data Analysis	3
11	CSF 21203	System Analysis and Design	3
12	CSF 21303	Database	3
13	CSF 21403	Data Structures and Algorithms	3
14	CSF 31103	Artificial Intelligence	3
<b>Jumlah</b>			<b>42</b>

\*Prasyarat :

- CSF11803 is course CSF11103

**Kursus Pengkhususan (24 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSD 23103	Web Application Development	3
2	CSW 23103	Internet Architecture and Programming	3
3	CSW 23203	Mobile Computing	3

4	CSW 33103	Web Services	3
5	CSW 33203	Distributed Computing System	3
6	CSW 33303	Cloud Computing	3
7	CSW 33403	e-Commerce	3
8	CSW 33503	Business Intelligence	3
	<b>Jumlah</b>		<b>24</b>

#### Kursus Elektif Program (6 jam kredit)

Bil	Kod	Kursus	Jam Kredit
1	CSW 33803	Internet Based System Development Methodology	3
2	CSW 33603	Online Multimedia Technologies	3
3	CSW 33703	Internet of Things	3
	<b>Jumlah</b>		<b>6</b>

#### Elektif Bebas (12 jam kredit)

Bil	Kod	Kursus	Jam Kredit
		Choose any four non-specialization courses of three credit hours of courses offered by other academic programs either from FIK as well as from other faculties in UniSZA.	12
	<b>Jumlah</b>		<b>12</b>

#### Projek Tahun Akhir (8 jam kredit)

Bil	Kod	Kursus	Jam Kredit
1	CSF35104	Final Year Project I*	4
2	CSF35204	Final Year Project II*	4
	<b>Jumlah</b>		<b>8</b>

\*Prasyarat :

- CSF35104 has taken all the core and specialization courses until Year 2
- CSF35204 is passed CSF35104

#### Latihan Industri (12 jam kredit)

Bil	Kod	Kursus	Jam Kredit
1	CSF 47112	Industrial Training*	12
	<b>Jumlah</b>		<b>12</b>

\*Prasyarat :

- CSF47112 is passed all courses

**STRUKTUR PENGAJIAN IJAZAH SARJANA MUDA SAINS KOMPUTER**  
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**Semester Pertama (17 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 11103	Problem Solving and Computer Programming	3
2	CSF 11203	Computer Organization and Architecture	3
3	CSF 11303	Human Machine Interaction	3
4	CSF 11403	Software Engineering Methods	3
5	CSF 11503	Social and Professional Ethics	3
6	PBI 10102	English for Communication I	2
<b>Jumlah</b>			<b>17</b>

**Semester Kedua (20 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 11603	Discrete Mathematics	3
2	CSF 11703	Operating Systems	3
3	CSF 11803	Object Oriented Programming*	3
4	CSF 11903	Network and Security Fundamentals	3
5	PBI 10202	English For Communication II*	2
6	MPU31022	TITAS (Tamadun Islam & Tamadun Asia)	2
7	MPU33012/	Ilmu Wahyu dan Sains /	2
	MPU33022	Moral & Etika II (Bukan Islam)	
8	PBI 10***	Bahasa Asing	2
<b>Jumlah</b>			<b>20</b>

**Semester Ketiga (20 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 21103	Probability and Statistical Data Analysis	3
2	CSF 21203	System Analysis and Design	3
3	CSF 21303	Database	3
4	CSD 23103	Web Application Development	3
5		Free Module Elective I	3
6	MPU31012	Hubungan Etnik	2
7	*****	Kokurikulum	3
<b>Jumlah</b>			<b>20</b>

**Semester Keempat (19 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 21403	Data Structures and Algorithms	3
2	CSW 23103	Internet Architecture and Programming	3
3		Programme Elective I	3
4	CSW 23203	Mobile Computing	3
5	MPU32092	Asas Pembudayaan Keusahawanan	2

6	MPU33032 /	Ilmu Wahyu dan Kemasyarakatan (Islam) /	2
	MPU33042	Perbandingan Agama II (Bukan Islam)	
7		Free Module Elective II	3
	<b>Jumlah</b>		<b>19</b>

**Semester Kelima (19 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSW 33103	Web Services	3
2	CSW 33203	Distributed Computing System	3
3	CSW 33303	Cloud Computing	3
4	CSF 31103	Artificial Intelligence	3
5		Free Module Elective III	3
6	CSF35104	Final Year Project I*	4
	<b>Jumlah</b>		<b>19</b>

**Semester Keenam (16 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSW 33403	e-Commerce	3
2	CSW 33503	Business Intelligence	3
3		Programme Elective II	3
4	CSF35204	Final Year Project II*	4
5		Free Module Elective IV	3
	<b>Jumlah</b>		<b>16</b>

**Semester Ketujuh (12 jam kredit)**

Bil	Kod	Kursus	Jam Kredit
1	CSF 47112	Industrial Training*	12
	<b>Jumlah</b>		<b>12</b>

Nota:

Jumlah keseluruhan jam kredit – 123