

STRUKTUR PENAWARAN COVID 19 SEMESTER 1 2021/2022

KOMPONEN KURSUS IJAZAH SARJANA MUDA SAINS KOMPUTER  
(PEMBANGUNAN PERISIAN) (SMSKPP)  
SESI 2021/2022

Bil	Kod	Kursus	Jam Kredit
1	PBI10102	ENGLISH FOR COMMUNICATION I	2
2	PBI10202	ENGLISH FOR COMMUNICATION II	2
3	PBI 11*02	BAHASA ASING	2
3	MPLS3012	ILMU WAHYU DAN SAINS	2
4	MPLS3022	MORAL DAN ETIKA II (PELAJAR BUKAN ISLAM)	2
4	MPLS3032	ILMU WAHYU DAN KEMASYARAKATAN	2
5	MPLS3042	PERBANDINGAN AGAMA II (PELAJAR BUKAN ISLAM)	2
6	MPLS1062	FALSAFAH DAN ISU SEMASA	2
7	MPLS1072	PENGHAYATAN ETIKA DAN PERADABAN	2
8	MPLS2092	ASAS PEMBUDAYAAN KEUSAHAWANAN	2
9	KK****3	KOKURKULUM	3
Jumlah			19

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
Jumlah			42

\*Prasyara  
1: CSF11803 is passed CSF11103

Bil	Kod	Kursus	Jam Kredit
1	CSD 23103	Web Application Development	3
2	CSD 23203	Requirements Engineering and Software Design	3
3	CSD 23303	Software Project Management	3
4	CSD 33103	Software Testing and Analysis	3
5	CSD 33203	Software Development Workshop	3
6	CSD 33303	Compiler Development	3
7	CSD 33403	Formal Methods	3
8	CSD 33503	Data Mining	3
Jumlah			24

Bil	Kod	Kursus	Jam Kredit
1	CSD 33603	Special Topics in Software Development	3
2	CSD 33703	Digital Image Processing	3
3	CSD 33803	Advanced Database	3
4	CSD 33903	Artificial Neural Networks	3
Jumlah			6

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 UnISA	12
Jumlah			12

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

\*Prasyara  
1: CSF35104 has taken all the core and specialization courses until Year 2  
2: CSF35204 is passed CSF35104

Bil	Kod	Kursus	Jam Kredit
1	CSF 47112	Industrial Training*	12
Jumlah			12

\*Prasyara  
1: CSF47112 is passed all courses

STRUKTUR PENGAJIAN IJAZAH SARJANA MUDA SAINS KOMPUTER  
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4	MPLS3012	ILMU WAHYU DAN SAINS	2
4	MPLS3022	MORAL DAN ETIKA II (PELAJAR BUKAN ISLAM)	2
5	MPLS3032	ILMU WAHYU DAN KEMASYARAKATAN	2
6	MPLS3042	PERBANDINGAN AGAMA II (PELAJAR BUKAN ISLAM)	2
6	MPLS1062	FALSAFAH DAN ISU SEMASA	2
7	MPLS1072	PENGHAYATAN ETIKA DAN PERADABAN	2
8	MPLS2092	ASAS PEMBUDAYAAN KEUSAHAWANAN	2
9	KK****3	KOKURKULUM	3
JUMLAH KREDIT			19

Bil	Kod	Kursus	Jam Kredit
1	CSF 11603	Discrete Mathematics	3
2	CSF 11403	Software Engineering Methods	3
3	CSF 11103	Problem Solving and Computer Programming	3
4	CSF 11903	Network and Security Fundamentals	3
5	CSF 11203	Computer Organization and Architecture	3
6	CSF 11303	Human Machine Interaction	3
Jumlah			18

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	CSF 11803	Object Oriented Programming*	3
6	CSF 11703	Operating Systems	3
Jumlah			18

\*Prasyara  
1: CSF11803 is passed CSF11103

Bil	Kod	Kursus	Jam Kredit
1	CSF 21403	Data Structures and Algorithms	3
2	CSD 23203	Requirements Engineering and Software Design	3
3	CSF 11503	Social and Professional Ethics	3
4		Free Module Elective I	3
5		Programme Elective I	3
6	CSD 23303	Software Project Management	3
Jumlah			18

Bil	Kod	Kursus	Jam Kredit
1	CSD 33103	Software Testing and Analysis	3
2	CSD 33203	Software Development Workshop	3
3	CSD 33303	Compiler Development	3
4	CSF 31103	Artificial Intelligence	3
5		Free Module Elective II	3
6	CSF 35104	Final Year Project I*	4
Jumlah			19

\*Prasyara  
1: CSF35104 has taken all the core and specialization courses until Year 2

Bil	Kod	Kursus	Jam Kredit
1	CSD 33403	Formal Methods	3
2	CSD 33503	Data Mining	3
3		Programme Elective II	3
4	CSF 35204	Final Year Project II*	4
5		Free Module Elective III	3
6		Free Module Elective IV	3
Jumlah			19

\*Prasyara  
1: CSF35204 is passed CSF35104

Bil	Kod	Kursus	Jam Kredit
1	CSF 47112	Industrial Training*	12
Jumlah			12

\*Prasyara  
1: CSF47112 is passed all courses

Note:  
Jumlah keseluruhan jam kredit – 123