JURUSAN TEKNOLOGI INFORMASI

CURICULUM 2021
INFORMATIC ENGINEERING
STUDY PROGRAM

Semester 1

Code	Course	SKS	T	P
TIF110701	Religion	2	2	0
TIF110702	Pancasila	2	2	0
TIF110703	Basic English	2	1	1
TIF110704	Logic and Algorithm	2	2	0
TIF110705	Database Concepts	2	2	0
TIF110706	Basic Programming	2	2	0
TIF110707	Software Development Workshop	4	0	4
TIF110708	Database Workshop	4	0	4
	Sub Total	20	11	9

Semester 2

Code	Course	SKS	T	P
TIF120701	Indonesian Language	2	2	0
TIF120702	Civil	2	2	0
TIF120703	Intermediate English	2	1	1
TIF120704	Human Computer Interaction	2	2	0
TIF120705	Object-Based Application System	2	2	0
TIF120706	Software Project Planning	2	2	0
TIF120707	Desktop-based Information System Workshop	4	0	4
TIF120708	Project Management Workshop	4	0	4
	Sub Total	20	11	9

Semester 3

Code	Course	SKS	T	P
TIF130701	Interpersonal Skill	2	2	0
TIF130702	Discrete Mathematics	2	2	0
TIF130703	Computer Network Concepts	2	2	0
TIF130704	Data Structure	2	2	0
TIF130705	Software Quality Workshop	4	0	4
TIF130706	Web-Based Information Systems Workshop	4	0	4
TIF130707	Mobile Applications Workshop	4	0	4
	Sub Total	20	8	12

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Semester 4

Code	Course	SKS	T	P
TIF140701	Digital Literacy	2	0	2
TIF140702	Entrepreneurship	2	2	0
TIF140703	Software Quality Management	2	2	0
TIF140704	Software Maintenance	2	2	0
TIF140705	Software Testing	2	2	0
TIF140706	Web Framework Workshop	4	0	4
TIF140707	Mobile Applications Framework Workshop	4	0	4
	Sub Total	18	8	10

Semester 5

Code	Course	SKS	T	P
TIF150701	Embedded System Applications	2	2	0
TIF150702	Intelligent Systems	2	2	0
TIF150703	Agricultural Information	2	2	0
TIF150704	Game Design	2	2	0
TIF150705	Image Processing and Vision Workshop	4	0	4
TIF150706	Embedded Systems Workshop	4	0	4
TIF150707	Intelligent System Workshop	4	0	4
	Sub Total	20	8	12

Semester 6

Code	Course	SKS	T	P
TIF170701	Industrial Training	20	0	20
	Sub Total	20	0	20

Semester 7 (in MSU)

Code	Course	SKS	T	P
CCN20203	Network and Data Security	3	3	0
CSR20302	Project I	2	0	2
CSR20503	Research Methodology (EI)	3	3	0
CSE20303	Object Oriented Analysis and Design	3	3	0
	Sub Total	11	9	2

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Semester 8 (in MSU)

Code	Course	SKS	T	P
CCS21303	Distributed System	3	2	1
CCS21403	Real Time System	3	2	1
CRS20404	Project II	4	0	4
MPU2013U1	Malay Language Communication 2	3	3	0
	Sub Total	13	7	6

Short Semester 8 (in MSU)

Code	Course	SKS	T	P
CMM21303	Multimedia Technology	3	3	0
UCS1353	English for Academic Enrichment	3	3	0
	Sub Total	6	6	0
	Total Credits	148	68	80