

KURIKULUM INFORMATIKA 2018

No.	Code	Name	Credit(s)	Type	Prerequisite
1	MATH000	Matematika/ Mathematics	2	Pre-requisite	
2	FENG000	Bahasa Inggris Dasar/ Foundation of English	3	Pre-requisite	
3	COPS000	Keterampilan Komputer Dasar/ Basic Computer Skill	3	Pre-requisite	
4	WEDU001	Pendidikan Keterampilan/ Work Education	1	Pre-requisite	
5	BIU000	Bahasa Inggris Pemula/ Basic English	3	Pre-requisite	
6	LMTR999	Mata Kuliah Pembatas/ Limiter Subject	1	Pre-requisite	
Semester 1					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	COPS121	Pengantar Komputer/ Introduction to Computing	3	Basic	
2	MATH172	Kalkulus I/ Calculus I	3	Basic	- [MATH000] Matematika/ Mathematics - 2 credit(s)
3	MATH171	Linear Aljabar dan Matrik/ Linear Algebra and Matrix	3	Basic	
4	COPS122	Pemrograman Komputer I/ Computer Programming I	3	Major	
5	AGMA181	Hidup dan Ajaran Yesus I/ Life and Teaching of Jesus I	2	General	
6	INGU121	Bahasa Inggris I/ General English I	3	General	- [FENG000] Bahasa Inggris Dasar/ Foundation of English - 3 credit(s)
7	FILG181	Teladan Kehidupan I/ The Exemplary Living I	2	General	
8	GEN001	Bahasa Inggris Dasar I/ Elementary English I	3	General	- [FENG000] Bahasa Inggris Dasar/ Foundation of English - 3 credit(s) - [LMTR999] Mata Kuliah Pembatas/ Limiter Subject - 1 credit(s)
9	IF1111	Pengantar Komputer/ Introduction to Computing	3	Basic	
10	IF1112	Dasar Aljabar Linear/ Aljabar Linear Fundamental	3	Basic	
11	IF1222	Kalkulus/ Calculus	3	Basic	- [MATH000] Matematika/ Mathematics - 2 credit(s)
12	BIU101	Bahasa Inggris Pra Dasar/ Pre-Elementary English	3	General	- [FENG000] Bahasa Inggris Dasar/ Foundation of English - 3 credit(s)
13	BIU101	Bahasa Inggris Pra Dasar/ Pre-Elementary English	3	General	- [BIU000] Bahasa Inggris Pemula/ Basic English - 3 credit(s)
Semester 2					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	PEND131	Filsafat Pendidikan Kristen/ Philosophy of Christian Education	2	General	
2	MATH173	Matematika Diskrit/ Discrete Mathematics	3	Basic	- [MATH000] Matematika/ Mathematics - 2 credit(s)
3	INGU122	Bahasa Inggris II/ General English II	3	General	- [INGU121] Bahasa Inggris I/ General English I - 3 credit(s)
4	COPS123	Pemrograman Komputer II/ Computer Programming II	3	Major	- [COPS122] Pemrograman Komputer I/ Computer Programming I - 3 credit(s)
5	COHD111	Perancangan Digital dan Logika/ Digital and Logic Design	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
6	AGMA182	Hidup dan Ajaran Yesus II/ Life and Teaching of Jesus II	2	General	- [AGMA181] Hidup dan Ajaran Yesus I/ Life and Teaching of Jesus I - 2 credit(s)
7	IS1113	Pemrograman Komputer/ Computer Programming	6	Major	- [COPS122] Pemrograman Komputer I/ Computer Programming I - 3 credit(s)
8	GEN002	Bahasa Inggris Dasar II/ Elementary English II	3	General	- [INGU121] Bahasa Inggris I/ General English I - 3 credit(s) - [LMTR999] Mata Kuliah Pembatas/ Limiter Subject - 1 credit(s)
9	FILG182	Teladan Kehidupan II/ The Exemplary Living II	2	General	- [AGMA181] Hidup dan Ajaran Yesus I/ Life and Teaching of Jesus I - 2 credit(s)
10	IS1221	Matematika Diskrit/ Discrete Mathematics	3	Basic	- [MATH000] Matematika/ Mathematics - 2 credit(s)
11	IF1223	Logika Informatika/ Informatics Logic	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
12	EDU112	Filsafat Pendidikan Kristen/ Philosophy of Christian Education	2	General	
13	BIU102	Bahasa Inggris Dasar/ Elementary English	3	General	- [BIU101] Bahasa Inggris Pra Dasar/ Pre-Elementary English - 3 credit(s)
14	BIU102	Bahasa Inggris Dasar/ Elementary English	3	General	- [INGU121] Bahasa Inggris I/ General English I - 3 credit(s)
15	BIU102	Bahasa Inggris Dasar/ Elementary English	3	General	- [GEN001] Bahasa Inggris Dasar I/ Elementary English I - 3 credit(s)
Semester 3					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	INGU223	Bahasa Inggris III/ General English III	3	General	- [INGU122] Bahasa Inggris II/ General English II - 3 credit(s)
2	MATH271	Statistik dan Probabilitas/ Statistics and Probability	3	Major	- [MATH000] Matematika/ Mathematics - 2 credit(s)
3	COPS221	Struktur Data dan Algoritma/ Data Structure and Algorithms	3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
4	PPKH101	Pendidikan Kewarganegaraan/ Indonesian Civics	3	General	
5	COHD211	Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s) - [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
6	AGMA283	Prinsip-Prinsip Alkitab I/ Biblical Principles I	2	General	- [AGMA182] Hidup dan Ajaran Yesus II/ Life and Teaching of Jesus II - 2 credit(s)
7	SENG231	Pengantar Basisdata/ Introduction to Database	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
8	IS1224	Struktur Data dan Algoritma/ Data Structure and Algorithms	3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
9	GEN101	Bahasa Inggris Pra Menengah I/ Pre-Inter English I	3	General	- [INGU122] Bahasa Inggris II/ General English II - 3 credit(s) - [LMTR999] Mata Kuliah Pembatas/ Limiter Subject - 1 credit(s)
10	FILG283	Prinsip-Prinsip Nilai Kristiani/ The Principles of Christian Values	2	General	- [AGMA181] Hidup dan Ajaran Yesus I/ Life and Teaching of Jesus I - 2 credit(s)
11	IF2131	Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s) - [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s)
12	IS2133	Pengantar Basisdata/ Introduction to Database	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
13	IS2134	Statistik dan Probabilitas/ Statistics and Probability	3	Major	- [MATH000] Matematika/ Mathematics - 2 credit(s)
14	IS2133	Pengantar Basisdata/ Introduction to Database	3	Major	- [IF1111] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
15	IF2131	Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture	3	Major	- [IF1111] Pengantar Komputer/ Introduction to Computing - 3 credit(s) - [IF1223] Logika Informatika/ Informatics Logic - 3 credit(s)
16	IF2131	Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture	3	Major	- [IF1111] Pengantar Komputer/ Introduction to Computing - 3 credit(s) - [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s)
17	IF2131	Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture	3	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s) - [IF1223] Logika Informatika/ Informatics Logic - 3 credit(s)
18	IS2133	Pengantar Basisdata/ Introduction to Database	3	Major	- [IF1111] Pengantar Komputer/ Introduction to Computing - 3 credit(s)
19	BIU203	Bahasa Inggris Pra Menengah I / Pre-Intermediate English I	3	General	- [BIU102] Bahasa Inggris Dasar/ Elementary English - 3 credit(s)
20	BIU203	Bahasa Inggris Pra Menengah I / Pre-Intermediate English I	3	General	- [GEN002] Bahasa Inggris Dasar II/ Elementary English II - 3 credit(s)
21	BIU203	Bahasa Inggris Pra Menengah I / Pre-Intermediate English I	3	General	- [INGU122] Bahasa Inggris II/ General English II - 3 credit(s)
Semester 4					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	INGU224	Bahasa Inggris IV/ General English IV	3	General	- [INGU223] Bahasa Inggris III/ General English III - 3 credit(s)
2	AGMA284	Prinsip-Prinsip Alkitab II/ Biblical Principles II	2	General	- [AGMA283] Prinsip-Prinsip Alkitab I/ Biblical Principles I - 2 credit(s)
3	CNET201	Jaringan Komputer I/ Computer Network I	3	Major	- [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
4	EXRT241	Sistem Cerdas/ Expert System	3	Major	- [MATH000] Matematika/ Mathematics - 2 credit(s) - [MATH173] Matematika Diskrit/ Discrete Mathematics - 3 credit(s)
5	COPS222	Teori Bahasa dan Automata/ Language and Automata Theory	3	Major	- [MATH173] Matematika Diskrit/ Discrete Mathematics - 3 credit(s)
6	SENG232	Sistem Manajemen Basisdata/ Database Management System	3	Major	- [SENG231] Pengantar Basisdata/ Introduction to Database - 3 credit(s)
7	COPS226	Pemrograman Berorientasi Objek/ Object Oriented Programming	3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
8	GEN102	Bahasa Inggris Pra Menengah II/ Pre-Inter English II	3	General	- [INGU223] Bahasa Inggris III/ General English III - 3 credit(s) - [LMTR999] Mata Kuliah Pembatas/ Limiter Subject - 1 credit(s)
9	FILG284	Orang Muda dan Dunia/ Youth and the World	2	General	- [AGMA283] Prinsip-Prinsip Alkitab I/ Biblical Principles I - 2 credit(s)
10	IF2243	Jaringan Komputer I/ Computer Network I	3	Major	- [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
11	IF2244	Sistem Cerdas/ Expert System	3	Major	- [MATH000] Matematika/ Mathematics - 2 credit(s) - [MATH173] Matematika Diskrit/ Discrete Mathematics - 3 credit(s)
12	IF2245	Teori Bahasa dan Automata/ Language and Automata Theory	3	Major	- [MATH173] Matematika Diskrit/ Discrete Mathematics - 3 credit(s)
13	IS2241	Sistem Manajemen Basisdata/ Database Management System	3	Major	- [SENG231] Pengantar Basisdata/ Introduction to Database - 3 credit(s)
14	IS2243	Pemrograman Berorientasi Objek/ Object Oriented Programming	3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
15	IF2244	Sistem Cerdas/ Expert System	3	Major	- [MATH000] Matematika/ Mathematics - 2 credit(s) - [IS1221] Matematika Diskrit/ Discrete Mathematics - 3 credit(s)
16	BIU204	Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II	3	General	- [GEN101] Bahasa Inggris Pra Menengah I / Pre-Inter English I - 3 credit(s)
17	BIU204	Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II	3	General	- [INGU223] Bahasa Inggris III/ General English III - 3 credit(s)
18	BIU204	Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II	3	General	- [BIU203] Bahasa Inggris Pra Menengah I / Pre-Intermediate English I - 3 credit(s)
19	IF2243	Jaringan Komputer I/ Computer Network I	3	Major	- [IF2131] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
20	FILG284	Orang Muda dan Dunia/ Youth and the World	2	General	- [FILG283] Prinsip-Prinsip Nilai Kristiani/ The Principles of Christian Values - 2 credit(s)
21	IS2241	Sistem Manajemen Basisdata/ Database Management System	3	Major	- [IS2133] Pengantar Basisdata/ Introduction to Database - 3 credit(s)
Semester 5					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	COHD311	Konsep Sistem Operasi/ Operating System Concept	3	Major	- [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
2	SENG331	Interaksi Manusia dan Komputer/ Human Computer Interaction	3	Major	- [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)

3	CNET301	Jaringan Komputer II/ Computer Network II		3	Major	- [CNET201] Jaringan Komputer I/ Computer Network I - 3 credit(s)
4	AGMA385	Nubuatan Alkitab I/ Biblical Prophecies I		2	General	- [AGMA284] Prinsip-Prinsip Alkitab II/ Biblical Principles II - 2 credit(s)
5	CSAR351	Pemrograman Visual/ Visual Programming		3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s) - [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
6	SENG332	Pengembangan Web Front-end/ Front-end Web Development		3	Major	- [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
7	COPS322	Analisis dan Perancangan Sistem/ System Analysis and Design		3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
8	FILG385	Kehidupan Keluarga / Family Living		2	General	- [AGMA284] Prinsip-Prinsip Alkitab II/ Biblical Principles II - 2 credit(s)
9	IF3156	Jaringan Komputer II/ Computer Network II		3	Major	- [CNET201] Jaringan Komputer I/ Computer Network I - 3 credit(s)
10	IF3155	Pemrograman Visual/ Visual Programming		3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
11	IS3151	Pengembangan Web Front-End/ Front-End Web Development		3	Major	- [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
12	IS3152	Analisis dan Perancangan Sistem/ System Analysis and Design		3	Major	- [COPS123] Pemrograman Komputer II/ Computer Programming II - 3 credit(s)
13	IF3153	Konsep Sistem Operasi/ Operating System Concept		3	Major	- [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
14	IS3262	Interaksi Manusia dan Komputer/ Human and Computer Interaction		3	Major	- [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
15	IF3156	Jaringan Komputer II/ Computer Network II		3	Major	- [IF2243] Jaringan Komputer I/ Computer Network I - 3 credit(s)
16	IF3155	Pemrograman Visual/ Visual Programming		3	Major	- [IS1113] Pemrograman Komputer/ Computer Programming - 6 credit(s)
17	IF3153	Konsep Sistem Operasi/ Operating System Concept		3	Major	- [IF2131] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)
18	IS3151	Pengembangan Web Front-End/ Front-End Web Development		3	Major	- [IS2243] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
19	IF3264	Rekayasa Perangkat Lunak/ Software Engineering		3	Major	- [IS262] Interaksi Manusia dan Komputer/ Human and Computer Interaction - 3 credit(s) - [IS3152] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)
20	IS3262	Interaksi Manusia dan Komputer/ Human and Computer Interaction		3	Major	- [IS2243] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
21	FILG385	Kehidupan Keluarga / Family Living		2	General	- [FILG284] Orang Muda dan Dunia/ Youth and the World - 2 credit(s)
Semester 6						
No.	Code	Name	Credit(s)	Type	Prerequisite	
1	SENG334	Pengembangan Perangkat Bergerak/ Mobile Application Development	3	Major	- [SENG331] Interaksi Manusia dan Komputer/ Human Computer Interaction - 3 credit(s)	
2	RSCH382	Metodologi Penelitian/ Research Method	3	Major	- [MATH271] Statistik dan Probabilitas/ Statistics and Probability - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
3	SENG335	Rekayasa Perangkat Lunak/ Software Engineering	3	Major	- [SENG331] Interaksi Manusia dan Komputer/ Human Computer Interaction - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
4	EXRT341	Kecerdasan Buatan/ Artificial Intelligence	3	Major	- [EXRT241] Sistem Cerdas/ Expert System - 3 credit(s) - [COPS221] Struktur Data dan Algoritma/ Data Structure and Algorithms - 3 credit(s)	
5	SENG333	Pengembangan Web Back-end/ Back-end Web Development	3	Major	- [SENG332] Pengembangan Web Front-end/ Front-end Web Development - 3 credit(s)	
6	AGMA386	Nubuatan Alkitab II/ Biblical Prophecies II	2	General	- [AGMA385] Nubuatan Alkitab I/ Biblical Prophecies I - 2 credit(s)	
7	CSAR451	Grafika Komputer/ Computer Graphics	3	Major	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)	
8	FILG386	Kehidupan di Akhir Zaman/ End Time Living	2	General	- [AGMA385] Nubuatan Alkitab I/ Biblical Prophecies I - 2 credit(s)	
9	IF3266	Grafika Komputer/ Computer Graphics	3	Major	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)	
10	IF3262	Pengembangan Web Back-End/ Back-End Web Development	3	Major	- [SENG332] Pengembangan Web Front-end/ Front-end Web Development - 3 credit(s)	
11	IF3263	Kecerdasan Buatan/ Artificial Intelligence	3	Major	- [EXRT241] Sistem Cerdas/ Expert System - 3 credit(s) - [COPS221] Struktur Data dan Algoritma/ Data Structure and Algorithms - 3 credit(s)	
12	IF3264	Rekayasa Perangkat Lunak/ Software Engineering	3	Major	- [SENG331] Interaksi Manusia dan Komputer/ Human Computer Interaction - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
13	IS3261	Pengembangan Perangkat Bergerak/ Mobile Application Development	3	Major	- [SENG331] Interaksi Manusia dan Komputer/ Human Computer Interaction - 3 credit(s)	
14	IS3265	Metodologi Penelitian/ Research Method	3	General	- [MATH271] Statistik dan Probabilitas/ Statistics and Probability - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
15	IF3263	Kecerdasan Buatan/ Artificial Intelligence	3	Major	- [IF2244] Sistem Cerdas/ Expert System - 3 credit(s) - [IS2244] Struktur Data dan Algoritma/ Data Structure and Algorithms - 3 credit(s)	
16	IF3263	Kecerdasan Buatan/ Artificial Intelligence	3	Major	- [COPS221] Struktur Data dan Algoritma/ Data Structure and Algorithms - 3 credit(s) - [IF2244] Sistem Cerdas/ Expert System - 3 credit(s)	
17	IF3263	Kecerdasan Buatan/ Artificial Intelligence	3	Major	- [IS2244] Struktur Data dan Algoritma/ Data Structure and Algorithms - 3 credit(s) - [EXRT241] Sistem Cerdas/ Expert System - 3 credit(s)	
18	IS3265	Metodologi Penelitian/ Research Method	3	General	- [MATH271] Statistik dan Probabilitas/ Statistics and Probability - 3 credit(s) - [IS3152] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
19	IF3264	Rekayasa Perangkat Lunak/ Software Engineering	3	Major	- [SENG331] Interaksi Manusia dan Komputer/ Human Computer Interaction - 3 credit(s) - [IS3152] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
20	IF3264	Rekayasa Perangkat Lunak/ Software Engineering	3	Major	- [IS262] Interaksi Manusia dan Komputer/ Human and Computer Interaction - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
21	IS4171	Skripsi I/ Research Project I	3	Major	- [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [IS3265] Metodologi Penelitian/ Research Method - 3 credit(s)	
22	IS4171	Skripsi I/ Research Project I	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [IS3265] Metodologi Penelitian/ Research Method - 3 credit(s)	
23	IS4171	Skripsi I/ Research Project I	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [RSCH383] Menulis Ilmiah/ Research Writing - 2 credit(s)	
24	IS3265	Metodologi Penelitian/ Research Method	3	Major	- [IS2134] Statistik dan Probabilitas/ Statistics and Probability - 3 credit(s) - [IS3152] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
25	IS3265	Metodologi Penelitian/ Research Method	3	Major	- [IS2134] Statistik dan Probabilitas/ Statistics and Probability - 3 credit(s) - [COPS322] Analisis dan Perancangan Sistem/ System Analysis and Design - 3 credit(s)	
26	IF3266	Grafika Komputer/ Computer Graphics	3	Major	- [IF3155] Pemrograman Visual/ Visual Programming - 3 credit(s)	
27	IF3262	Pengembangan Web Back-End/ Back-End Web Development	3	Major	- [IS3151] Pengembangan Web Front-End/ Front-End Web Development - 3 credit(s)	
28	IS3261	Pengembangan Perangkat Bergerak/ Mobile Application Development	3	Major	- [IS3262] Interaksi Manusia dan Komputer/ Human and Computer Interaction - 3 credit(s)	
29	FILG386	Kehidupan di Akhir Zaman/ End Time Living	2	General	- [FILG385] Kehidupan Keluarga / Family Living - 2 credit(s)	
Semester 7						
No.	Code	Name	Credit(s)	Type	Prerequisite	
1	RSCH481	Skripsi I/ Research Project I	3	Major	- [RSCH382] Metodologi Penelitian/ Research Method - 3 credit(s) - [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)	
2	CSEC441	Etika Komputer/ Computer Ethics	2	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)	
3	SENG431	Pengantar Pengembangan Game/ Introduction to Game Development	3	Major	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)	
4	BUS481	Kewirausahaan/ Entrepreneur - Project Capstone	3	Major		
5	COHD412	Pemrograman Sistem/ System Programming	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s) - [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)	
6	IS4171	Skripsi I/ Research Project I	3	Major	- [RSCH382] Metodologi Penelitian/ Research Method - 3 credit(s) - [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)	
7	IF4172	Pengantar Pengembangan Game/ Introduction to Game Development	3	Major	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)	
8	IF4173	Pemrograman Sistem/ System Programming	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s) - [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)	
9	IS2242	Kewirausahaan/ Entrepreneur - Project Capstone	3	Major		
10	IF4174	Etika Komputer/ Computer Ethics	2	Major	- [COPS121] Pengantar Komputer/ Introduction to Computing - 3 credit(s)	
11	IS4171	Skripsi I/ Research Project I	3	Major	- [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [IS3265] Metodologi Penelitian/ Research Method - 3 credit(s)	
12	IF4173	Pemrograman Sistem/ System Programming	3	Major	- [IF1223] Logika Informatika/ Informatics Logic - 3 credit(s) - [IF2131] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)	
13	IF4173	Pemrograman Sistem/ System Programming	3	Major	- [IF1223] Logika Informatika/ Informatics Logic - 3 credit(s) - [COHD211] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)	
14	IF4173	Pemrograman Sistem/ System Programming	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s) - [IF2131] Organisasi dan Arsitektur Komputer/ Computer Organization and Architecture - 3 credit(s)	
15	CSEC442	Keamanan Komputer/ Computer Security	3	Major	- [IF3156] Jaringan Komputer II/ Computer Network II - 3 credit(s)	
16	IS4171	Skripsi I/ Research Project I	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [RSCH382] Metodologi Penelitian/ Research Method - 3 credit(s)	
17	COPS425	Pemrograman Sistem/ System Programming	3	Major	- [IF3153] Konsep Sistem Operasi/ Operating System Concept - 3 credit(s)	
18	IS4171	Skripsi I/ Research Project I	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s) - [IS3265] Metodologi Penelitian/ Research Method - 3 credit(s)	
Semester 8						
No.	Code	Name	Credit(s)	Type	Prerequisite	
1	RSCH482	Skripsi II/ Research Project II	3	Major	- [RSCH481] Skripsi I/ Research Project I - 3 credit(s)	
2	COHD411	Robotika/ Robotics	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s)	
3	SENG432	Manajemen Proyek/ Project Management	3	Major	- [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)	

4	RSCH383	Menulis Ilmiah/ Research Writing	2	Major	
5	IS2245	Penulisan Ilmiah/ Scientific Writing	2	Major	
6	IS4281	Skripsi II/ Research Project II	3	Major	- [RSCH481] Skripsi I/ Research Project I - 3 credit(s)
7	IF4282	Robotika/ Robotics	3	Major	- [COHD111] Perancangan Digital dan Logika/ Digital and Logic Design - 3 credit(s)
8	IF4195	Manajemen Proyek/ Project Management	3	Major	- [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)
9	IS4281	Skripsi II/ Research Project II	3	Major	- [IS4171] Skripsi I/ Research Project I - 3 credit(s)
10	IF4195	Manajemen Proyek/ Project Management	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)
Semester 9					
No.	Code	Name	Credit(s)	Type	Prerequisite
1	SENG433	Pengembangan Web Full-Stack/ Full-Stack Web Development (DevOps)	3	Elective	- [SENG333] Pengembangan Web Back-end/ Back-end Web Development - 3 credit(s)
2	SENG434	Pengembangan Game 3D/ 3D Game Development	3	Elective	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)
3	SENG435	Verifikasi dan Validasi Perangkat Lunak/ Software Verification and Validation	3	Elective	- [SENG335] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)
4	CSAR452	Komputer Visi/ Computer Vision	3	Elective	- [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
5	EXRT442	Pembelajaran Mesin/ Machine Learning	3	Elective	- [EXRT341] Kecerdasan Buatan/ Artificial Intelligence - 3 credit(s)
6	EXRT443	Penambangan Text/ Text Mining	3	Elective	- [EXRT442] Pembelajaran Mesin/ Machine Learning - 3 credit(s)
7	EXRT444	Maha Data dengan Hadoop/ Big Data using Hadoop	3	Elective	- [EXRT341] Kecerdasan Buatan/ Artificial Intelligence - 3 credit(s) - [SENG232] Sistem Manajemen Basisdata/ Database Management System - 3 credit(s)
8	EXRT441	Pemrograman Pengetahuan Data/ Data Science Programming	3	Elective	- [EXRT341] Kecerdasan Buatan/ Artificial Intelligence - 3 credit(s) - [COPS226] Pemrograman Berorientasi Objek/ Object Oriented Programming - 3 credit(s)
9	CSEC442	Keamanan Komputer/ Computer Security	3	Elective	- [CNET301] Jaringan Komputer II/ Computer Network II - 3 credit(s)
10	CSEC491	Forensik Komputer/ Computer Forensic	3	Elective	
11	CNET402	Jaringan Nirkabel dan Perangkat Bergerak/ Wireless and Mobile Networks	3	Elective	- [CNET301] Jaringan Komputer II/ Computer Network II - 3 credit(s)
12	BENG310	Bahasa Inggris Bisnis Membaca dan Kosakata/ Business English Reading and Vocabulary	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
13	BENG320	Korespondensi Bisnis Bahasa Inggris/ Business English Correspondence	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
14	BENG330	Komunikasi Bisnis Bahasa Inggris/ Business English Communication	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
15	ELIT271	Studi Literatur I/ Literature Studies I	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
16	MB4201	Praktik Kerja 1/ Internship 1	20	Elective	
17	MB4202	Praktik Kerja 2/ Internship 2	20	Elective	
18	IF4296	Rekayasa DevOps/ DevOps Engineering	3	Major	- [SENG333] Pengembangan Web Back-end/ Back-end Web Development - 3 credit(s)
19	IF4293	Pembelajaran Mesin/ Machine Learning	3	Major	- [EXRT341] Kecerdasan Buatan/ Artificial Intelligence - 3 credit(s)
20	IF4292	Pemrograman Game/ Game Programming	3	Major	- [CSAR351] Pemrograman Visual/ Visual Programming - 3 credit(s)
21	ESP401	Bahasa Inggris Bisnis Membaca dan Kosakata/ Business English Reading and Vocabulary	3	General	- [GEN102] Bahasa Inggris Pra Menengah II/ Pre-Inter English II - 3 credit(s)
22	ESP401	Bahasa Inggris Bisnis Membaca dan Kosakata/ Business English Reading and Vocabulary	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
23	ESP402	Korespondensi Bisnis Bahasa Inggris/ Business English Correspondence	3	General	- [GEN102] Bahasa Inggris Pra Menengah II/ Pre-Inter English II - 3 credit(s)
24	ESP402	Korespondensi Bisnis Bahasa Inggris/ Business English Correspondence	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
25	ESP403	Komunikasi Bisnis Bahasa Inggris/ Business English Communication	3	General	- [GEN102] Bahasa Inggris Pra Menengah II/ Pre-Inter English II - 3 credit(s)
26	ESP403	Komunikasi Bisnis Bahasa Inggris/ Business English Communication	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
27	ENG433	Penulisan Akademik Bahasa Inggris III/ Academic English Writing III	3	Elective	- [BIU204] Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II - 3 credit(s)
28	ESP401	Bahasa Inggris Bisnis Membaca dan Kosakata/ Business English Reading and Vocabulary	3	General	- [BIU204] Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II - 3 credit(s)
29	ESP402	Korespondensi Bisnis Bahasa Inggris/ Business English Correspondence	3	General	- [BIU204] Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II - 3 credit(s)
30	ESP403	Komunikasi Bisnis Bahasa Inggris/ Business English Communication	3	General	- [BIU204] Bahasa Inggris Pra Menengah II/ Pre-Intermediate English II - 3 credit(s)
31	ENG433	Penulisan Akademik Bahasa Inggris III/ Academic English Writing III	3	General	- [INGU224] Bahasa Inggris IV/ General English IV - 3 credit(s)
32	SENG435	Verifikasi dan Validasi Perangkat Lunak/ Software Verification and Validation	3	Major	- [IF3264] Rekayasa Perangkat Lunak/ Software Engineering - 3 credit(s)
33	ENG433	Penulisan Akademik Bahasa Inggris III/ Academic English Writing III	3	Elective	- [GEN102] Bahasa Inggris Pra Menengah II/ Pre-Inter English II - 3 credit(s)
34	SENG433	Pengembangan Web Full-Stack/ Full-Stack Web Development (DevOps)	3	Elective	- [IF3262] Pengembangan Web Back-End/ Back-End Web Development - 3 credit(s)