

List of Courses

Bachelor of Computer Science

No.	Code	Semester 1 (UMB)	Credits
1	90002	Religion	2
2	90037	Pancasila (Indonesian Ideology)	2
3	90001	Computer Applications	3
4	18002	Introduction to Management & Business	3
5	87004	Mathematical logic	3
6	87005	Basic Math	3
7	87001	Basic Programming	3
8	18001	Introduction to Accounting	3
Total			22

No.	Code	Semester 2 (UMB)	Credits
1	90003	Civics	2
2	87006	Statistics and Probability	3
3	87010	Database	3
4	87031	Algorithms and Data Structures	3
5	87042	Programming Algorithms and Data Structures (Lab Work)	3
6	87038	Network systems	3
7	18005	Concept Information Systems	3
Total			19

No.	Code	Semester 3 (UMB)	Credits
1	90004	UMB Ethics	2
2	90006	English 1	3
3	87011	Software Engineering	3
4	87035	Technology Data Center	3
5	18011	Analysis of Information Systems Design	3
6	18033	Designing Database	3
7	18035	Management Information Systems	3
Total			20

No.	Code	Semester 4 (UMB)	Credits
1	90007	English 2	3
2	90029	Entrepreneurship 1	2
3	87030	Operating system	3
4	87039	Web Programming (Lab Work)	3
5	87016	Object-Oriented Analysis	3
6	87043	Programming & SQL Database System	3
7	18037	Data Center Management	3
Total			20

No.	Code	Semester 5 (BIT)	Credits
1		Overview of China	3
2		Chinese I	3
3	MTH07065	Combinatorics	3
4	COM07019	Practice of Operating System Principles	3
5	COM07062	Wireless Networks and Applications	3
Total			15

No.	Code	Semester 6 (BIT)	Credits
1		Chinese II	3
2	COM07058	Experiment of Networking Technology	2
3	COM07017	Compiler Principles and Design	5
4	COM07043	Introduction to Artificial Intelligence	3
5	COM07057	Digital Image Processing	3
Total			16

No.	Code	Semester 7 (BIT)	Credits
1		Introduction to Chinese Law	3
2	COM07047	Fundamentals of Software Engineering	4
3	COM07020	Multimedia Technology	3
4	COM07027	Computer Graphics	3
5	COM07041	Pattern Recognition & Computer Vision	3
Total			16

No.	Code	Semester 8 (BIT)	Credits
1	COM07057	Graduation Thesis	16
<i>Total</i>			16