

The First Semester:

No	Course Name	Type	Hours	Units	Notes
1	Advanced Algorithms Design and Analysis	Core	3	3	
2	Advanced Networks	Core	2	2	
3	Video & Image Processing	Core	2	2	
4	Advanced Compiler Techniques	Elective	2	2	
5	Modelling and Simulation	core	2	2	
6	Technical Writing	Supported	2	2	
Total			13	13	

The Second Semester:

No.	Course Name	Type	Hours	Units	Notes
1	Data Mining	Core	2	2	
2	Distributed Systems	Elective	2	2	
3	Soft Computing	Core	2	2	
4	Parallel Computing	Elective	2	2	
5	Elective Courses:	Elective	2	2	
	Information Hiding				
	Bioinformatics				
	Network Security				
6	English Language	Supported	2	1	
Total			12	11	

وحدات المقررات الدراسية = 24 وحدة دراسية.
وحدات الرسالة (الاطروحة) = 12 وحدة دراسية.
وبذلك تكون مجموع الوحدات الكلي (المقررات + الرسالة) = 36 وحدة دراسية.