

**Faculty of Computing**  
**Intake 37 - Curriculum of BSc (Hons) In Computer Science Degree Programme**

Module Code	Module Name	Category	Lecture Hrs	Practical Hrs	Tutorial / Assignment / Other Hrs	NLH**/SLH	Credits			Norm			Evaluation	
							GPA	NGPA	MGPA	GPA	NGPA	MGPA	CA %	WE %
<b>Semester 5</b>														
CS3202	UX and UI Engineering	C	30	-	5	65	2	-	-	19 (Including 1 Elective)	0	0	30	70
CS3023	Advanced Databases and Big Data Analytics	C	45	-	5	100	3	-	-				30	70
CS3032	Concurrent Programming	C	30	10*	5	55	2	-	-				30	70
CS3042	Image Processing and Computer Vision	C	30	10*	5	55	2	-	-				30	70
CS3052	Essentials of Computer Law	C	30	-	5	65	2	-	-				30	70
CS3062	Research Methodology	C	30	-	5	65	2	-	-				30	70
CS3072	Logic Programming	C	30	10*	5	55	2	-	-				30	70
CS3082	Mobile Computing	E	30	10*	5	55	2	-	-				30	70
CS3092	Computer and Network Security	E	30	-	5	65	2	-	-				30	70
CS3102	Bioinformatics	E	30	-	5	65	2	-	-				30	70
SE3042	Software Architecture and Design	C	30	-	5	65	2	-	-	30	70			
<b>Total for Semester 5</b>										<b>19</b>	<b>0</b>	<b>0</b>		
<b>Semester 6</b>														
CS3112	Computer Graphics and Visualization	C	30	-	5	65	2	-	-	17 (Including 1 Elective)	0	0	30	70
CS3122	Automata Theory	C	30	-	5	65	2	-	-				30	70
CS3132	High Performance Computing	C	30	10*	5	55	2	-	-				30	70
CS3142	Complex Systems and Agent Technology	C	30	10*	5	55	2	-	-				30	70
CS3152	Information Security	E	30	10*	5	55	2	-	-				30	70
CS3162	Social Aspects of Computing	C	30	-	5	65	2	-	-				30	70
CS3172	Digital Forensics	E	30	-	5	65	2	-	-				30	70
CS3182	Modeling and Simulation	E	30	10*	5	55	2	-	-				30	70
CS3192	Nature Inspired Computing	E	30	10*	5	55	2	-	-				30	70
CS3992	Independent Study	C	-	-	30 (Discussion)	170	2	-	-				100	
CM3013	Operational Research	C	45	10*	10	85	3	-	-	30	70			
COE3052	Microcontrollers and Embedded Systems	E	30	15*	5	50	2	-	-	30	70			
<b>Total for Semester 6</b>										<b>17</b>	<b>0</b>	<b>0</b>		
<b>Total for Level 3</b>										<b>36</b>	<b>0</b>	<b>0</b>		