

**BACHELOR OF INFORMATION TECHNOLOGY (INFORMATION SYSTEMS) (HONS.)
MALAYSIAN STUDENTS**

Semester	Code	Courses	Pre-requisite	Co- Requisite	Credit Hours
Year 1	ICTB113/ MCTB113	Islamic / Moral and Civil Society I	None	None	3
	CISB113	Fundamentals of Information Systems	None	None	3
	CISB134	Structured Programming using C	None	None	4
Sem 1	CGMB113	Multimedia Technologies	None	None	3
	ENGB213	Business English	None	None	3
		Total Credit Hours			16
Sem 2	CGNB293	Statistics for Computing	None	None	3
	CISB254	Introduction to Object Oriented Using JAVA	CISB134	None	4
	CSEB223	System Analysis and Design	CISB134	None	3
	CSNB153	Computer System	None	None	3
	TCTB113	Tamadun Islam Tamadun Asia	None	None	3
		Total Credit Hours			16
Sem 3	ICTB212/ MCTB212	Islamic / Moral and Civil Society II	ICTB113/ MCTB113	None	2
	HCTB113	Hubungan Ethnik	None	None	3
	CSNB143	Discrete Structures	None	None	3
		Total Credit Hours			8
Year 2	CSEB294	Web Programming	CSEB223	None	4
Sem 4	CISB214	Database 1	CSEB223	None	4
	CSNB213	Data Communication and Computer Networks	CSNB153	None	3
	CISB213	Human Computer Interaction	CSEB223	None	3
	CISB323	Business Programming	CISB254	None	3
		Total Credit Hours			17
Sem 5	CISB314	Database 2	CISB214	None	4
	CGNB313	Technology Entrepreneurship	None	None	3
	CISB243	IS Project Management	CSEB223	None	3
	CISB343	IT and Business Process Reengineering	CISB323	None	3

	***	Technical Elective 1	***	None	4
		Total Credit Hours			17
Sem 6					
	CGNB316	Industrial Training	CISB214, CSNB143, CISB254	None	6
		Total Credit Hours			6
Year 3					
	CISB463	Business Intelligence	CISB323	None	3
	CISB423	Project 1	CISB254, CSNB143, CSEB223, CISB214	None	3
Sem 7	CISB233	Principles of Management and Organisational Behaviour	CISB113	None	3
	CISB453	Introduction to Knowledge Management	CISB323/ CISB314	None	3
	***	Technical Elective 2	***	***	4
		Total Credit Hours			16
Sem 8					
Sem 8	CISB464	Project 2	CISB423	None	4
	CGNB422	Energy and Computing	CISB323	None	2
	CISB424	Information Systems Auditing	CISB323	None	4
	CISB444	Strategic Information Systems Planning	CISB463	None	4
	***	Technical Elective 3	***	***	4
		Total Credit Hours			18
Sem 9					
Sem 9	ITCB213	IT Communication	ENGB213	None	3
	CISB412	Ethics and IT Professional Practices	None	None	2
	AKPK111	Kaunseling dan Pengurusan Kredit	None	None	1
		Total Credit Hours			6
		Overall Total Credit			120

TECHNICAL ELECTIVE TRACKS

The tracks are provided as a recommendation to students to choose subjects based on the given tracks or based on their subject preferences and availability.

*Subject to change

Track	Subject Code	Technical elective Courses	Prerequisite	Credit Hour	Career Prospect
Track 1: Big Data	CGNB514	Emerging Technologies and Trend	None	4	Data Scientist, Data Engineer, Data Analyst, Business Analyst, Technology Evangelist, Business Configuration Analyst, etc.
	CISB474	Business Analytic	CISB463	4	
	CISB484	Internet of Things: Foundation and Applications	None	4	
Track 2: Information Management	CGNB514	Emerging Technologies and Trend	None	4	Information Security Analyst; IT Security Analyst, Consultant; Security Architect; IT Security Engineer; IP Planning Specialist; IT Auditor; Business Process Analyst, etc.
	CISB494	Information Security Management	None	4	
	CISB544	IT Governance	CGNB316	4	
Track 3: Business Applications	CGNB514	Emerging Technologies and Trend	None	4	SAP ERP consultant, ERP Executive, SAP Business Analyst, Entrepreneur, IT Solution Developer, Web Developer, Technical Consultant, etc
	CISB584	Enterprise Resource Planning	CGNB316	4	
	CISB564	Digital Business	CSEB294	4	
Track 4: Application Development ** choose 3 subjects only	CGNB514	Emerging Technologies and Trends	None	4	System Developer, Game Engine Programmer, Mobile Apps Developer, Software Tester, Web Developer, IT Executive, IT Programmer, etc.
	CSEB424	Software Testing	CSEB223	4	
	CSNB544	Mobile Application Development	CISB254	4	
	CGMB534	Game Design	None	4	
	CSEB574	Advance Web Application Development	CSEB294	4	

**BACHELOR OF INFORMATION TECHNOLOGY (INFORMATION SYSTEMS) (HONS.)
INTERNATIONAL STUDENTS**

Semester	Code	Courses	Pre-requisite	Co-Requisite	Credit Hours
Year 1	***	MPU Elective (U3/U4)	None	None	3
	CISB113	Fundamentals of Information Systems	None	None	3
	CISB134	Structured Programming using C	None	None	4
Sem 1	CGMB113	Multimedia Technologies	None	None	3
	ENGB213	Business English	None	None	3
		Total Credit Hours			16
Sem 2	CGNB293	Statistics for Computing	None	None	3
	CISB254	Introduction to Object Oriented Using JAVA	CISB134	None	4
	CSEB223	System Analysis and Design	CISB134	None	3
	CSNB133	Computer System	None	None	3
	***	MPU Elective (U3/U4)	None	None	3
		Total Credit Hours			16
Sem 3	MALB103	Bahasa Melayu Komunikasi	None	None	3
	MASB113	Malaysian Study	None	None	3
	CSNB143	Discrete Structures	None	None	3
		Total Credit Hours			9
Year 2	CSEB294	Web Programming	CSEB223	None	4
Sem 4	CISB214	Database 1	CSEB223	None	4
	CSNB213	Data Communication and Computer Networks	CSNB133	None	3
	CISB213	Human Computer Interaction	CSEB223	None	3
	CISB323	Business Programming	CISB254	None	3
		Total Credit Hours			17
Sem 5	CISB314	Database 2	CISB214	None	4
	CGNB313	Technology Entrepreneurship	None	None	3
	CISB 243	IS Project Management	CSEB223	None	3

	CISB343	IT and Business Process Reengineering	CISB323	None	3
	***	Technical Elective 1	***	None	4
		Total Credit Hours			17
Sem 6	CGNB316	Industrial Training	CISB214, CSNB143, CISB254	None	6
		Total Credit Hours			6
Year 3	CISB463	Business Intelligence	CISB323	None	3
Sem 7	CISB423	Project 1	CISB254, CSNB143, CSEB223, CISB214	None	3
	CISB233	Principles of Management and Organisational Behaviour	CISB113	None	3
	CISB453	Introduction to Knowledge Management	CISB323/ CISB314	None	3
	***	Technical Elective 2	***	***	4
		Total Credit Hours			16
Sem 8	CISB464	Project 2	CISB423	None	4
	CGNB412	Energy and Computing	CISB323	None	2
	CISB424	Information Systems Auditing	CISB323	None	4
	CISB444	Strategic Information Systems Planning	CISB463	None	4
	***	Technical Elective 3	***	***	4
		Total Credit Hours			18
Sem 9	ITCB213	IT Communication	ENGB213	None	3
	CISB412	Ethics and IT Professional Practices	None	None	2
		Total Credit Hours			5
		Overall Total Credit			120

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	CISB474	Business Analytic	CISB463	4	
	CISB484	Internet of Things: Foundation and Applications	None	4	
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	CISB494	Information Security Management	None	4	
	CISB544	IT Governance	CGNB316	4	
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	CISB584	Enterprise Resource Planning	CGNB316	4	
	CISB564	Digital Business	CSEB294	4	
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	CSEB424	Software Testing	CSEB223	4	
	CSNB544	Mobile Application Development	CISB254	4	
	CGMB534	Game Design	None	4	
	CSEB574	Advance Web Application Development	CSEB294	4	