
















Course Map for Bachelor of Information Technology

Year 1		Year 2		Year 3	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
BIT105 Business Enquiry and Communication 	BIT112 Mathematics for Information Technology SAS Eligible 	BIT231 Database Systems <u>Prerequisites:</u> BIT111 SAS Eligible 	BIT241 Professional IT Practice and Ethics <u>Prerequisites:</u> BIT101, BIT105 	BIT371 Capstone Experience 1 <u>Prerequisites:</u> BIT242, BIT230, BIT111, BIT101, 3 subjects from Major stream, plus 2 subjects from Major stream as co-requisites. 	BIT372 Capstone Experience 2 <u>Prerequisites:</u> BIT371, BIT242, BIT230, BIT111, BIT101, and 5 subjects from Major stream
BIT101 Foundations of Information Technology SAS Eligible 	BIT108 Foundations of Business	BIT230 System Analysis and Design <u>Prerequisites:</u> BIT111, BIT101 	BIT242 IT Project Management <u>Prerequisites:</u> BIT230, BIT111, BIT101 	BIT352 System Implementation and Service Management <u>Prerequisites:</u> BIT242, BIT230, BIT111, BIT101	BIT361 Security Management and Governance <u>Prerequisites:</u> BIT241, BIT101, BIT105
BIT111 Programming Concepts 	Elective 1	Major Subject 1	Major Subject 2	Major Subject 4	Major Subject 6
BIT121 Network Communication Concepts 	Elective 2	Elective 3	Major Subject 3	Major Subject 5	Elective 4

Choose one of these 3 streams for your Major subjects, and fill your Electives from other 2 streams

Key for the icons






The subject is a prerequisite for:

-  Core subjects
-  Network Security subjects
-  Business Analytics subjects
-  Software Development subjects
-  SAS Certificate with any 4 SAS eligible subjects

Network Security:

BIT233 Network Design <u>Prerequisites:</u> BIT121	BIT243 Network Security <u>Prerequisites:</u> BIT121	BIT353 Network Architecture and Protocols <u>Prerequisites:</u> BIT233, BIT121	BIT362 Digital Forensics <u>Prerequisites:</u> BIT243, BIT121
	BIT244 IT and Business Crime <u>Prerequisites:</u> BIT101	BIT354 Network Vulnerability and Penetration Testing <u>Prerequisites:</u> BIT243, BIT121	

Business Analytics:

BIT236 Enterprise Resource Planning <u>Prerequisites:</u> BIT231, BIT111, BIT101 SAS Eligible 	BIT357 Business Analysis <u>Prerequisites:</u> BIT230, BIT111, BIT101 SAS Eligible 	BIT355 Business Intelligence <u>Prerequisites:</u> BIT2XX, BIT230, BIT111, BIT101 SAS Eligible 	BIT363 E-Business Systems <u>Prerequisites:</u> BIT245, BIT230, BIT111, BIT101 SAS Eligible 
	BIT245 Web Development <u>Prerequisites:</u> BIT111	BIT356 Knowledge Management Systems <u>Prerequisites:</u> BIT2XX, BIT231, BIT230, BIT111, BIT101 SAS Eligible 	

Software Development:

BIT235 Object Oriented Programming <u>Prerequisites:</u> BIT245, BIT111	BIT246 Object Oriented RAD <u>Prerequisites:</u> BIT245, BIT235, BIT111	BIT351 Mobile Application Development <u>Prerequisites:</u> BIT231, BIT235	BIT364 Non-Relational Database Management <u>Prerequisites:</u> BIT231, BIT111
	BIT245 Web Development <u>Prerequisites:</u> BIT111	BIT358 Advanced Databases <u>Prerequisites:</u> BIT231, BIT111 SAS Eligible 