

Bachelor of Science Program in Information Technology

Study Plan 126 Credits

(Applicable only to 571-xxxx students and onwards)

First Year, First Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
-	BG 1001	English I	3	(3-3-7)
-	CS 1201	Computer Programming I	3	(3-0-6)
-	DA 1121	Basic Mathematics and Statistics	3	(3-0-6)
-	IT 2130	Systems Science	3	(3-0-6)
-	IT 2231	Introduction to Information Technology	3	(3-0-6)
-	MGT 1101	Introduction to Business	3	(3-0-6)
Total			18	(18-3-37)

First Year, Second Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
BG 1001	BG 1002	English II	3	(3-3-7)
DA 1121	DA 2103	Principles of Statistics	3	(3-1-7)
-	GE 2101	World Civilization	3	(3-0-6)
-	IT 1251	Business Systems	3	(3-0-6)
IT 2231	IT 2220	Computer Systems Concepts	3	(3-0-6)
CS 1201	IT 2230*	Information Structures	3	(3-0-6)
Total			18	(18-4-38)

Second Year, First Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
BG 1002	BG 2000	English III	3	(3-3-7)
DA 1121	DA 2101	Calculus I	3	(3-1-7)
-	IT 2157	Human Computer Interaction	3	(3-0-6)
-	IT 2211*	Requirement Engineering	3	(3-0-6)
IT 2230	IT 3210*	Database Management Systems	3	(3-0-6)
IT 2231	IT 3253*	Data Communication and Networking	3	(3-0-6)
Total			18	(18-4-38)

Second Year, Second Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
BG 2000	BG 2001	English IV	3	(3-3-7)
DA 2103	DA 2203	Probability and Statistical Methods	3	(3-1-7)
-	GE 2202	Ethics	3	(3-0-6)
IT 2231	IT 3231*	Information Systems Analysis	3	(3-0-6)
See Major Electives	One Major Elective Course from Group I		3	(3-0-6)
See Major Electives	One Major Elective Course from Group II		3	(3-0-6)
Total			18	(18-4-38)

* Major Required Course: Students must get grade C or better.

Third Year, First Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
IT 2157	IT 3111	User Interface Design	3	(3-0-6)
IT 3231	IT 3232*	Information Systems Design	3	(3-0-6)
-	LA 4606	Intellectual Property Law	3	(3-0-6)
See Major Electives		One Major Elective Course from Group I	3	(3-0-6)
See Major Electives		One Major Elective Course from Group II	3	(3-0-6)
		One Free Elective Course	3	(3-0-6)
		Total	18	(18-0-36)

Third Year, Second Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
IT 3232	IT 4314*	Software Engineering Concepts	3	(3-0-6)
IT 3232	IT 4315*	Object Oriented Concept in Analysis and Design	3	(3-0-6)
See Major Electives		One Major Elective Course from Group I	3	(3-0-6)
See Major Electives		One Major Elective Course from Group II	3	(3-0-6)
		One Free Elective Course	3	(3-0-6)
		Total	15	(15-0-30)

Fourth Year, First Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
100 credits including IT3210, IT3232	IT 4291*	Senior Project I	3	(3-0-6)
80 credits	MT 4201	Social Interests, Government Policies and Technology	3	(3-0-6)
See Major Electives		Three Major Elective Courses from Group II	9	(9-0-18)
		Total	15	(15-0-30)

Fourth Year, Second Semester

Prerequisite	Course No.	Course Title	Credits	(Lecturer-Lab-Self Study)
IT 4291	IT 4292*	Senior Project II	3	(3-0-6)
See Major Electives		One Major Elective Course from Group II	3	(3-0-6)
		Total	6	(6-0-12)

Major Electives

Prerequisite	Major Elective Course	Prerequisite	Major Elective Course
	Group I (Select at least 3 courses)	-	IT 4141 Public Relations
CS 1201	IT 2371 Object Oriented Programming I	IT 2231	IT 4311 Introduction to Computer Graphics
CS 1201	IT 3351 Web Design and Development I	CS 1201	IT 4316 Image Processing
CS 1201	IT 3355 Mobile Applications Development	IT 4314	IT 4331 Software Testing
IT 2371	IT 3371 Object Oriented Programming II	IT 2231	IT 4340 Intro. to Information Resource Management
CS 1201	IT 3372 Visual Programming	Senior Students	IT 4358 Expert Systems
IT 3351	IT 4367 Web Design and Development II	Senior Students	IT 4359 E-Commerce
	Group II (Select at least 7 courses)	IT 2231	IT 4360 Multimedia Applications
IT 3210	IT 3211 Information Storage and Retrieval	-	IT 4363 Information System Security and Auditing
IT 2231	IT 3230 Management Information Systems	IT 3210	IT 4366 Advanced Data Management Systems
-	IT 3331 Organizational Behavior and Development	Senior Students	IT 4400-99 Selected Topic

* Major Required Course: Students must get grade C or better.