

## 3.6.5 Sample Plan of Study

### Sample Plan of Study

#### Information Systems and Technology (IST)

##### Freshmen Year

Semester 1					Semester 2		
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 180	Intro to Systems Dev. (IST Core)	3	PC Literacy	CNIT 155	Intro to Obj-Oriented Prog (IST Core)	3	PC Literacy
MA 223	Introductory Analysis I (Mathematics & Science)	3	MAT 110 or MA 158 or ENG Math Placement Test	CNIT 176	Info Tech Architectures (IST Core)	3	PC Literacy
IT 104	Industrial Organization (Technology)	3		ENGL 106	First-Year Composition (English Lan. & Com.)	4	ENGL 100
TECH 120	Technology & the Individual (Technology)	3		MA 224	Introductory Analysis II (Mathematics & Science)	3	MA 223
ENGL 100	English for Academic Studies (English Lan. & Com.)	3		GEE	General Education Elective (refer to course catalogue)	3	
<b>Semester Credits = 15</b>				<b>Semester Credits = 16</b>			

##### Sophomore Year

Semester 3					Semester 4		
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 255	Programming for the Internet (IST Core)	3	CNIT 155 (C-)	CNIT 242	System Administration (IST Core)	3	CNIT 176 (C-), Sophomore
CNIT 272	Database Fundamentals (IST Core)	3	CNIT 155 (C-), CNIT 180 (C-)	CNIT 280	Sys Analysis & Design Methods (IST Core)	3	CNIT 180 (C-), CNIT 272 (C-)
SS	Statistics Selective* (STAT 225 or STAT 301)	3	for both: MA 224	CNIT 315	Systems Programming (IST Core)	3	CNIT 255 (C-)
AS	Accounting Selective* (ACT 300 or ACT 200)	3	for both: MAT 150 or MAT 200 or MA 223	COM 114	Fund. of Speech Communication (English Lan. & Com.)	3	ENGL 100
GEE	General Education Elective (refer to course catalogue)	3		GEE	General Education Elective (refer to course catalogue)	1	
				FE	Free Elective (any non-remedial course)	3	
<b>Semester Credits = 15</b>				<b>Semester Credits = 16</b>			

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**Junior Year**

Semester 5			Semester 6				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CNIT 380	Adv. Analysis & Design (IST Core)	4	CNIT 280 (min C-)	ISS2	Information Systems Selective (for example: CNIT 342*)	3	for CNIT 342: CNIT 340 (C-)
ISS1	Information Systems Selective (for example: CNIT 340*)	3	for CNIT 340: CNIT 242 (min C-)	TECH 320	Technology & the Organization (Technology)	2	TECH 120
CNIT 372	Database Programming (IST Core)	3	CNIT 272 (min C-)	ISS3	Information Systems Selective (for example: CNIT 450*)	3	for CNIT 450: CNIT 315 (C-) or CNIT 325 (C-), CNIT 272 (C-)
IS1	Interdisciplinary Selective (for example: BUS 250*)	3	for BUS 250: ENGL 100	IS2	Interdisciplinary Selective (for example: BUS 220*)	3	for BUS 220: BUS 250
GEE	General Education Elective (refer to course catalogue)	3		ENGL 420	Business Writing (English Lan. & Com.)	3	ENGL 106
				GEE	General Education Elective (refer to course catalogue)	2	
<b>Semester Credits = 16</b>				<b>Semester Credits = 16</b>			

**Senior Year**

Semester 7			Semester 8				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ISS4	Information Systems Selective (recommended: CNIT 399*)	3	for CNIT 399: Senior	ISS5	Information Systems Selective (recommended: CNIT 499*)	3	for CNIT 499: CNIT 399 (C-)
TECH 330	Technology & the Global Society (Technology)	3	TECH 120	CNIT 480	Managing Info Tech Projects (IST Core)	3	CNIT 280 (C-), Senior
OLS 252	Human Relations in Organizations (Technology)	3		IS4	Interdisciplinary Selective (for example: IT 342*)	3	for IT 342: MA 223
IS3	Interdisciplinary Selective (for ex: ENTR 200 or HRM 300*)	3	for HRM 300: BUS 250, Sophomore; for ENTR 200: no Pre	IS5	Interdisciplinary Selective (for example: IT 450*)	3	for IT 450: MA 223
GEE	General Education Elective (refer to course catalogue)	3		GEE	General Education Elective (refer to course catalogue)	3	
<b>Semester Credits = 15</b>				<b>Semester Credits = 15</b>			

**Total Minimum Credits Required for Graduation = 124**

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