

Information Technology (Associate in Science in Information Technology) 2006-2007 (Concentration in Programming and Application Development)

This program is subject to change as industry standard systems change.

Student: _____ Advisor: _____ Start Date: _____

REQUIRED SUBJECTS

All new students are required to successfully complete Peirce College 101 within the first 14 weeks of enrollment to continue at the College.

_____	PRC 101	Peirce College Orientation (online course)	Grade _____
_____	BIS 101	Introduction to Word Processing & the Internet (TECH CORE)	Grade _____
_____	ENG 101	English Composition* (ENG CORE)	Grade _____
_____	ITN 100	Introduction to Information Technology	Grade _____
_____	BIS 111	Application Software Fundamentals (Formerly BIS 204) (Prerequisite: BIS 101)	Grade _____
_____	BUS 100	Introduction to Business (Formerly MGT 101)	Grade _____
_____	MAT CORE	Mathematics Course _____	Grade _____
_____	BIS 112	Programming Concepts (Prerequisite: ITN 100)	Grade _____
_____	ENG/COM CORE	English/Communication Course _____	Grade _____
_____	SOC SCI CORE	Social Science Course _____	Grade _____
_____	HUM/HIS CORE	Humanities/History Course _____	Grade _____
_____	MAT CORE	Mathematics Course _____	Grade _____
_____	MIS 202	Intro to Network Operating Systems (Prerequisite: ITN 100)	Grade _____
_____	BIS 201	Internet Concepts (Prerequisite: BIS 101)	Grade _____
_____	ACC 101	Accounting Principles I*	Grade _____
_____	BIS 224	Concepts in Desktop Programming (Prerequisite: BIS 101, ITN 100)	Grade _____
_____	BIS 225	Introduction to Application Development (Prerequisite: BIS 112)	Grade _____
_____	SOC SCI CORE	Social Science Course _____	Grade _____
_____	BIS 245	Using VB.NET in Application Development I (Prerequisite: BIS 225)	Grade _____
_____	SCI CORE	Science Course _____	Grade _____
_____	CWE 098 (optional)	Pre Co-op Workshops (required if planning Co-op and after 30 crds)	Grade _____

For remaining three credits, choice of:

1	3-credit Co-op		
_____	CWE 125 A3	Cooperative Work Education	Grade _____
	Or	or	
2	3-credit Elective		
_____	ELEC	Elective Course _____	Grade _____

CORE REQUIREMENTS:

- 2 English/Communication courses, one of which must be ENG 101
- 2 Mathematics courses
- 2 Social Science courses
- 1 Humanities/History course
- 1 Science course
- 1 Technology course

* A Grade of "C" or better is required in this course

Note: Please consult with your Program Advisor for a list of core curriculum and electives.

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BACHELOR OF SCIENCE PREREQUISITES

ENG 101 _____	BIS 101 _____	BIS 111 _____	BIS 112 _____	BIS 201 _____
BIS 224 _____	BIS 225 _____	BIS 245 _____	MIS 202 _____	ITN 100 _____
PRC 101 _____				

REQUIRED SUBJECTS

_____	BIS 325	Using VB.NET in Application Development II (Prerequisite: BIS 245)	Grade _____
_____	MAT CORE	Mathematics Course	Grade _____
_____	BIS 345	Using ASP.NET in Application Development (Prerequisite: BIS 325, BIS 201)	Grade _____
_____	SOC SCI CORE	Social Science Course	Grade _____
_____	BIS 425	Using Databases in Application Development (Prerequisite: BIS 345)	Grade _____
_____	BIS 330	JavaScript Programming (Formerly BIS 203) (Prerequisite: BIS 325, BIS 201)	Grade _____
_____	BIS 445	Using XML in Application Development (Prerequisite: BIS 425)	Grade _____
_____	BIS 340	C++ Programming (Formerly BIS 311) (Prerequisite: BIS 330)	Grade _____
_____	HUM/HIS CORE	Humanities/History Course	Grade _____
_____	BIS 405	Java Programming (Prerequisite: BIS 340)	Grade _____
_____	BIS 400	Project Management and Business Process Design (Prerequisite: BIS 224)	Grade _____
_____	BIS 402	Systems Analysis & Design (Prerequisite: BIS 400)	Grade _____
_____	HUM/HIS CORE	Humanities/History Course	Grade _____
_____	BIS 403	Applied Systems Analysis (Prerequisite: BIS 402)	Grade _____
_____	ENG/COM CORE	English/Communication Course	Grade _____
_____	BIS 413	IT Capstone with a Concentration in Programming* (Prerequisite: BIS 402)	Grade _____
_____	SCI CORE	Science Course	Grade _____
_____	GEN ED CORE	General Education Course	Grade _____
_____	SOC SCI CORE	Social Science Course	Grade _____
_____	CWE 099 (optional)	Pre Co-op Workshops (required if planning Co-op)	Grade _____

For remaining three credits, choice of:

1	3-credit Elective		
_____	ELEC	Elective Course	Grade _____
	Or	or	
2	3-credit Co-op		
_____	CWE 325 A3	Cooperative Work Education	Grade _____

CORE REQUIREMENTS:

1 English/Communication course	2 Humanities/History courses	1 Mathematics course
2 Social Science courses	1 General Education course	1 Science course

*** A Grade of "C" or better is required in this course**

Note: Please consult with your Program Advisor for a list of core curriculum and electives.