

Computer Information Systems – Information Technology

Information Technology is designed for those people who wish to earn a degree in the foundations of modern information technology. This program provides students with a core of general education and computer information systems courses coupled with a flexible set of elective requirements. Students who complete the program will enter the job market as computer specialists who have a solid foundation in the areas of computing most important in today's workplace – including PC operating systems, common applications software, data communications and networking, database management systems, computer programming, and systems analysis and design.

Elective courses beyond the core may be chosen to develop specialization in a selected area or to obtain a broader understanding of certain computer technologies and how they fit together.

PROGRAM ENTRY REQUIREMENTS:

This program is open to interested students assuming space is available. However, new students are normally required to take the College's placement test at their time of entry.

Students who have had prior computer-related experience may be placed in more advanced courses after consultation with and approval of the department chairperson.

Students identified as needing developmental work must satisfactorily complete the appropriate English and mathematics courses as part of their degree program.

PROGRAM OF STUDY AND GRADUATION REQUIREMENTS:

A total of 60 credit hours as prescribed must be satisfactorily completed with a grade point average of 2.0 ("C" average).

Recommended Course Sequence	Course Number and Name	Prerequisite or Corequisite	Credits
Program Core Courses - Computer Information Systems - Information Technology			
2	OA 102 - Keyboarding or OA 110 - Professional Keyboarding		1 or 3
3	CIS 103 - PC Applications		3
5	CIS 105 - Windows Professional Operating System		4
4	CIS 106 - Introduction to Programming		4
8	CIS 150 - Data Communications	CIS 104 or 105	4
10	CIS 205 - Data Base Management Systems	CIS 103	4
14	CIS 270 - Systems Analysis and Design	CIS 205	4
Information Technology Courses			
11, 13, 15, 18, (19)	At least 15 additional credits of CIS or CSCI courses**		15
General Education Courses (See page 36 for information on disciplines which meet these requirements.)			
1	English 101 - English Composition I		3
7	English 102 - English Composition II	ENGL 101	3
6	MATH 118 or above		3
9	MATH 121 - Computer Math and Logic or MATH - 163 Discrete Math		3 or 3
12	Social Science Elective*		3
16	Social Science Elective*		3
17	Humanities Elective*		3

Total to Graduate: 60 credits minimum

*At least one of these courses must be from the American Diversity course list.

** CIS 100, 101, and 104 are for non-majors and do not count toward the degree.

For More Information Contact:

The Division of Business and Technology, Room C1-9, 1700 Spring Garden Street, Philadelphia, PA 19130, Telephone 215-496-6164; or the College Information Center, 215-751-8010.