

PHILADELPHIA UNIVERSITY  
**COMPUTER INFORMATION SYSTEMS: B.S. Degree**  
**2002-2005 Check Sheet**

Name \_\_\_\_\_ Social Security # \_\_\_\_\_

**COLLEGE STUDIES (46-50 credits)** **Crs. Sem. Grade Transfer**

**Level I**

L111 Writing Seminar I.....	3			
L(...) Science I .....	3/4			
L(...) Science II .....	3/4			
L15( ) Aesthetics .....	3			
L17( ) Historical Understanding I .....	3			
L( ) Quantitative Reasoning I (select below) .....	3/4			
L( ) Quantitative Reasoning II (select below) .....	3/4			

Select one two-course sequence:

L130/1 Finite Mathematics (3 cr.)	L135 Pre-calculus (3 cr.)
L132 Introduction to Calculus (3 cr.)	L141 Calculus I (4 cr.)
L135 Pre-calculus (3 cr.)	L141 Calculus I (4 cr.)
L132 Introduction to Calculus (3 cr.)	L142 Calculus II (4 cr.)

PE ( ) Physical Education (see note below).....	.5			
PE ( ) Physical Education (see note below) .....	.5			

[PE courses may be taken in any semester. Day division students with 54 or more transfer credits, and all Evening division students are exempt from PE. ]

**Level II**

L36( ) Social Science I ( <i>Soph. Status</i> ) .....	3			
L38( ) Humanities I ( <i>Soph. Status</i> ) .....	3			
L( ) Language or Area Studies ( <i>Soph. Status</i> ) .....	3			

[Area Studies L35\_, Language L34\_, L64\_, L94\_]

**Level III**

L611 Writing Seminar II - ( <i>Jr. Status, L111. May not be taken as CR/NC.</i> )	3			
L( ) Language or Area Studies ( <i>Soph. Status</i> ) .....	3			

[Area Studies L35\_, Language L34\_, L64\_, L94\_]

Select two courses from the following:

L66( ) Social Science II ( <i>Level I Social Science</i> ) .....	3			
L67( ) Historical Understanding II ( <i>Level I History</i> ) .....	3			
L68( ) Humanities II ( <i>Level I Humanities</i> ) .....				

**Level IV**

L911 Contemporary Perspectives ( <i>Senior status, L611, and L66( ), or L67( ), or L68( ). May not be taken as CR/NC.</i> )	4			
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**INFORMATION SYSTEMS CORE /Breadth Courses (36 credits)** **Crs. Sem. Grade Transfer**

**Level I**

IS10 Survey of Programming Languages ...(should be taken in the fall of freshman year).....	3			
IS12 Programming for Problem Solving...( <i>IS10</i> ).....	3			
IS21 Ethical and Social Issues of Computing .....	3			

**Level II**

IS11 Analysis, Design, and Management of Data Bases ( <i>IS16 or IS12</i> ) .....	3			
IS14 Software Engineering ( <i>IS12</i> ).....	3			
B151 Statistics I ( <i>L130 or L131</i> ).....	3			
B152 Statistics II (" <i>C</i> " or better in B151) .....	3			

(Also take first two courses from sequence choice box on page 2 during Level II.)

**Level III**

IS13 Computer Networking ( <i>Jr. status or permission</i> ) .....	3			
IS15 Data Analysis for Decision Making ( <i>IS10 and IS11</i> ).....	3			

(Also take third course from sequence choice box and begin advanced IS elective courses, free electives and/or minor courses shown on page 2.)

**Level IV**

Complete advanced IS elective courses shown on page 2.  
 Complete free electives and/or minor shown on page 2.

\*Prerequisites are listed after the course name in parentheses.

Choice of **ONE** of the following sequences. Take all three in column one OR column two. To be taken in Level II and III.

IS23 Discrete Structures ( <i>IS10</i> )	B403 Financial Accounting	3 _____
M121 Linear Algebra ( <i>Quant. II</i> )	E822 Microeconomics	3 _____
IS31 Algorithms & Data Structures ( <i>IS10</i> )	B642 Financial Management ( <i>B403, B152</i> )	3 _____

**ADVANCED INFORMATION SYSTEMS COURSES (15 credits)** **Crs. Sem. Grade Transfer**

**Select 5 courses**

IS51 Applied Software Development ( <i>IS12</i> ).....	3	_____	_____	_____
IS52 Programming in C ( <i>IS10 or permission</i> ).....	3	_____	_____	_____
IS53 Programming in C++ ( <i>IS52</i> ) .....	3	_____	_____	_____
IS73 Foundations of Artificial Intelligence ( <i>IS52</i> ).....	3	_____	_____	_____
IS83 Operating Systems ( <i>IS52</i> ) .....	3	_____	_____	_____
IS85 Web Construction and E-Commerce Applications ( <i>IS10</i> ).....	3	_____	_____	_____
IS91 Special Topic ( <i>Jr. status</i> ).....	3	_____	_____	_____
IS92 Co-op I ( <i>2.5 GPA and Jr. status</i> ).....	3	_____	_____	_____
IS93 Co-op II ( <i>2.5 GPA and Jr. status</i> ).....	3	_____	_____	_____
IS98 Independent Study ( <i>permission</i> ).....	3	_____	_____	_____

**FREE ELECTIVES and/or MINOR CONCENTRATION or Pre MBA** **Crs Sem. Grade/Transfer**

Students may take 3 or 6 credits of Co-op.

**Minor area (optional):** \_\_\_\_\_

(Note: CIS majors may take 12 credits of free electives instead of a formal minor.)

_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____
_____	3	_____	_____	_____

(Note: For “Pre-MBA Minor”, students must apply for and be accepted to the graduate program.)

MB25 Management Communications.....	3	_____	_____	_____
MB28 Accounting for Management Decisions .....	3	_____	_____	_____
Choose two additional business courses from the same functional area, other than MIS/CIS.				
_____	3	_____	_____	_____
_____	3	_____	_____	_____
<b>TOTAL CREDITS</b>	<b>122-126</b>			

**Extra:** (these courses do **not** count toward graduation requirements.)

**Sem. CR/NC**

_____	_____	H99 Fund. of College Writing
_____	_____	M99 Fund. Of College Mathematics
_____	_____	R99 Fund. of College Reading
_____	_____	X99 EXCEL Seminar

**Additional Transfer Credits:**

Course	Description	Crs.
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Note Philadelphia Univ. residency requirement:** Philadelphia University has a residency requirement of 60 credits for Day Division students. Students must take a minimum of 60 credits – 12 credits must be within the major core; 6 credits must be in College Studies in order to be eligible for a B.S. degree. This form should be used as a worksheet in conjunction with the school catalog. Refer to the university catalog for questions regarding curriculum and university policy.

Advisor's Name \_\_\_\_\_ Updated (date) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 Advisor's Name \_\_\_\_\_ Updated (date) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 Advisor's Name \_\_\_\_\_ Updated (date) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
 Comments: \_\_\_\_\_

\*Prerequisites are listed after the course name in parentheses.