

PHILADELPHIA UNIVERSITY
COMPUTER INFORMATION SYSTEMS: B.S. Degree
2003-2005 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 (L111, L17x)	3			
L38() Humanities I (L111, L17x)	3			
L() Language or Area Studies (L111, L17x)	3			

[Area Studies L35_, Language L34_, L64_, L94_]

Level III

L61x Writing Seminar II - (L36x, L38x. May not be taken as CR/NC.)	3			
L() Language or Area Studies (L111, L17x)	3			

[Area Studies L35_, Language L34_, L64_, L94_]

Select two courses from the following:

L66() Social Science II (Level I Social Science)	3			
L67() Historical Understanding II (Level I History)	3			
L68() Humanities II (Level I Humanities)				

Level IV

L911 Contemporary Perspectives (Senior status, L611, and.....	4			
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L66(), or L67(), or L68(). May not be taken as CR/NC.)

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...(IS10).....	3			
IS21 Ethical and Social Issues of Computing	3			

Level II

IS11 Analysis, Design, and Management of Data Bases (IS16 or IS12)	3			
IS14 Software Engineering (IS12).....	3			
B151 Statistics I (L130 or L131).....	3			
B152 Statistics II ("C" 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 (Jr. status or permission)	3			
IS15 Data Analysis for Decision Making (IS10 and IS11).....	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	_____	_____	_____

TOTAL CREDITS 122-126

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

Sem. Must receive a C or better

- _____ H99 Fund. of College Writing
- _____ M99 Fund. Of College Mathematics
- _____ R99 Fund. of College Reading

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: _____