KEAN UNIVERSITY – COLLEGE OF Natural, Applied, & Health Sciences

(78306) B.S. IN COMPUTER SCIENCE (Information Systems Option) : 124 S.H.

EFFECTIVE DATE: Fall 2009 START TERM: _____

NAME		TRANSFER INSTITUTIONS (X) Credits:	
STUDENT ID#		In Progress	
GENERAL EDUCATION: 35 Semester Hours (S.H.)			
Foundation Requirements 13 S.H.		ACADEMIC MAJOR [3] 42 S.H.Total Credits	
G.E. 1000 Transition to Kean[2]	1	REQUIRED: Major Core [3,8] 18 S.H.	
ENG 1030 Composition [3]	3	CPS 1231 Foundations Of Computer Science [6]	4
MATH 1000[3,4]	3	CPS 2231 Computer Organization & Programming	4
COMM 1402 Speech Communication	3	CPS 2232 Data Structures	4
GE 2024 Research & Technology	3	CPS 2390 Organization & Architecture	3
		CPS 3250 Computer Operating Systems	3
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS:		MAJOR CONCENTRATION REQUIREMENTS [3,8] 12 S. H.	
Humanities: 6 S.H. (from different areas)		CPS 3351 Information Systems Programming	3
*ENG 2403 World Literature	3	CPS 3740 Database Management	3
Fine Arts/Art History	3	CPS 3962 Object Oriented Analysis & Design [WE]	3
Philosophy or Religion	3	CPS 4931 Distributed Systems Applications	3
Foreign Languages (Must take I and II for credit) [5]	3	MAJOR ELECTIVES [3,7,8] 12 S.H.	
Music or Theatre	3	CPS	3
Interdisciplinary	3	CPS	3
		CPS	3
Social Sciences: 6 S.H. (from different areas)		CPS	3
*HIST 1000 (American) or HIST 1062 (World)	3		
Psychology	3	ADDITIONAL REQUIRED COURSES [3](Continued)	
Economics or Geography	3	Select one of the approved Tracks See back 9	
Political Science	3	Accounting & Finance:	
Sociology or Anthropology	3	Acct 2200 Accounting I	3
Interdisciplinary	3	FIN 3310 Mgt of Corporate Finance I	3
		ACCT 2210 Accounting II,	3
Science and Mathematics: 7 S.H.		Or FIN 3311 Mgt of Corporate Finance II	
MATH 1054[3,4]	3	Quantitative Management:	
Lab Science	4	ACCT 2200 Accounting I	3
Biology; Chemistry; Physics; Geology; Meteorology; Earth Science; Astronomy		MGS 2110 Quantitative Methods	3
		MGS 4010 Operations Management	3
G.E. and Major Capstone: 3 S.H.		Web Systems:	
CPS 4951 Sr. Design/Development Project	3	GD 1000 Comp. Graphic Design I (FA1100 or DSN1101 pre-req)	3
or CPS 4961 Sr. Research		GD 2000 Comp. Graphic Design I (FA1100 or DSN1101 pre-req)	3
		TECH 3601 New Media Programming	3
ADDITIONAL REQUIRED COURSES:[3] 27 - 28 S.H.		FREE ELECTIVES: 18-20 S.H. at least 50% must be 3000/4000 level	
ENG 3091 Technical Writing	3		
MATH 2110 Discrete Structures	3		
MATH 2526 Applied Statistics	3		
COMM 2405 Public Speaking	3	Other Transfer:	
TECH 2925 Web Client-Side Programming	3/4	Special Notes:	
or a Lab Science II for 4 S.H.		*G.E. required course	
MATH 2415 (or 2411) Calculus I, [4]	3/4	TOTAL CREDITS:	
or MATH 2995 Matrix & Linear Algebra,		Advisor:	
or MATH 2400 Calculus for Business		Advisor Signature:	

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[1] See approved GE Distribution course list at http://www.kean.edu/~gened/advisementinfo.html
[2] Required of all Freshmen and Transfers with fewer than 10 credits.
[3] English 1030 and all major and supporting courses, including the Capstone, require a grade of C or better.
[4] Students whose qualifying score on the placement test makes them eligible to take MATH 1054 or MATH 2415 may take that course instead. If Math 2415 is taken for GE credits, then Math 2995 is expected in the three courses which are ORed together. In these cases, with 12 credits in math, the student may take three more credits in free electives.
[5] Credit granted only upon completion of two semesters of elementary or intermediate foreign language. Three credits may be applied to Humanities and three credits may be applied to free electives.
[6] Students who have had prior programming experience may enter CPS 2231 directly. In this case, CPS 2231 will be counted as a General
Education requirement and the student may take another four credits in free electives to total 124 S.H.
[7] Select 4 CPS (or max 1 IT/TECH course from approved list) with department advisement at the 3000 level or higher.
[8] Students must take at least half of their CPS credits at Kean University
[9] May be another 3-course Computing Application sequence from a list approved by the department, see attached list. Examples are Criminal Justice, Economics, Biology etc.

NOTE ON FREE ELECTIVES

CPS 4999 Cooperative Education may be counted as a free elective (no more than 3 S.H.). There are four prerequisites for CPS 4999 which include the following:

(a) a minimum of 21 credits in Computer Science, including all Major Core Requirements , and CPS 3351;
(b) a minimum 3.00 GPA in the major;
(c) a minimum 2.75 cumulative GPA; and
(d) approval of the Departmental Advisory Committee.

ADMISSION REQUIREMENTS

The Department of Computer Science has formally adopted the following standards for admission to all options of the Computer Science major:

1. Minimum cumulative GPA of 2.5 at the time of admission to the major.
2. Completion of at least 12 credits of CPS courses at Kean University with a grade of "C" or better in each.

Comments:

Evaluator's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Advisor's Signature_____**Date**_____

Your major department is located in the Willis 408, phone (908)737-4250.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSION.