

KEAN UNIVERSITY – COLLEGE OF Natural, Applied, & Health Sciences
(28700) B.S. in Information Technology: 124 S.H.

EFFECTIVE DATE: September 2012

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	44 S.H. Total Credits
G.E. 1000 Transition to Kean ²	1	REQUIRED: Major Core ³	13 S.H.
ENG 1030 Composition ³	3	TECH 1010 IT Foundations	3
MATH 1000 College Algebra ⁴	3	TECH 1500 Data Communications	4
COMM 1402 Speech Communication	3	TECH 2900 Preparation of Technical Documents ^{WE}	3
GE 2024 Research & Technology	3	TECH 2920 Computers in Technology	3
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS: ¹		Major Concentration Requirements*** ³ 19 S.H.	
Humanities: 6 S.H. (from different areas)		TECH 2504 Digital Circuits & Systems	4
*ENG 2403 World Literature	3	TECH 2740 Database Concepts & Applications	3
Fine Arts/Art History	3	TECH 2925 Web Client-Side Programming	3
Philosophy or Religion	3	TECH 3520 Networking Essentials	3
Foreign Languages (Must take I and II for credit)	3	TECH 3525 Unix/Linux Operating System	3
		TECH 3910 IT Project Management	3
Music or Theatre	3		
Interdisciplinary	3	Major Electives *** ^{3,7}	12 S.H.
		TECH 3xxx or 4xxx	3
Social Sciences: 6 S.H. (from different areas)		TECH 3xxx or 4xxx	3
*HIST 1000 (America) or HIST 1062 (World)	3	TECH 3xxx or 4xxx	3
Psychology	3	TECH or CPS 3xxx or 4xxx	3
Economics or Geography	3		
Political Science	3		
Sociology or Anthropology	3		
Interdisciplinary	3	FREE ELECTIVES: 19 S.H.	
		at least 50% must be 3000/4000level	
		ID 1400 (Recommended if need to take Math 1000)	3
Science and Mathematics: ***7 S.H.		MGS 2030 (pre-req for MGS 3030, which is required)	3
MATH 1054 Precalculus ⁴	3		
Lab Science*	4		
* BIO 1000, CHEM 1083, PHYS 2091			
G.E. and Major Capstone: ³ 3 S.H.	3		
TECH 4513 Sr. Project			
		Other Transfer:	
Additional Required** Courses:³ 26 S.H.	26		
Math 2110 Discrete Structures	3		
Math 2526 Statistics	3	Special Notes:	
CPS 1231 Fundamentals of Computer Science ⁶	4	*G.E. required course	
CPS 2231 Computer Organization & Programming	4	**Course required by Major	
CPS 2240 IT Data Structures and Applied Programming	3	***All Major courses require a grade of C or better	
CPS 3498 Computer Security	3	>Require advisor permission	
MGS 3030 Human Resource Management	3	Note: See foreign language requirements	
COMM 2405 Public Speaking	3	TOTAL CREDITS:	
		Advisor:	
		Advisor Signature:	

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¹ See list of approved GE Distribution courses at <http://www.kean.edu/~gened/distributionfall2009.html>

² Required of all Freshmen and Transfers with fewer than 10 credits.

³ Eng 1030 College Composition, 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 enables them to take MATH 1054 may take that course instead. In that case they can take Math 1054 in GE Foundations, with CPS 1231 as their GE Math in Distributions Requirements and a free elective.

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 three credits in Major electives.

⁷ Select four TECH courses with department advisement, at the 3000 level or higher.

NOTE ON FREE ELECTIVES

TECH 4996 Cooperative Education may be counted as a major elective (no more than 3 S.H.). There are four prerequisites for TECH 4996 which include the following:

- (a) a minimum of 21 credits in Technology, including all Core Requirements in the major;
- (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 Information Technology major:

1. Minimum cumulative GPA of 2.5 at the time of admission to the major.
2. Completion of at least 13 credits of CPS and Tech courses at Kean University with 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 _____

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

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