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

EFFECTIVE DATE: September 2009 START TERM: _____

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|---|---|---|---|---|---|
| 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 | | 44 |
| G.E. 1000 Transition to Kean [2] | | 1 | REQUIRED: Major Core [3] 13 S.H. | | |
| ENG 1030 Composition [3] | | 3 | TECH 1010 IT Foundations | *S1* | 3 |
| MATH 1000 College Algebra [4] | *S1* | 3 | TECH 1500 Data Communications | *S2* | 4 |
| COMM 1402 Speech Communication | | 3 | TECH 2900 Preparation Technical Documents [WE] | *S5* | 3 |
| GE 2024 Research & Technology | | 3 | TECH 3525 Unix/Linux Operating System | *S5* | 3 |
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| DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS: | | | Major Concentration Requirements [3] 16 S.H. | | |
| Humanities: 6 S.H. (from different areas) | | | TECH 2504 Digital Circuits & Systems | *S3* | 4 |
| *ENG 2403 World Literature | | 3 | TECH 2740 Database Concepts & Applications | *S4* | 3 |
| Fine Arts/Art History | | 3 | TECH 2920 Computers in Technology | *S4* | 3 |
| Philosophy or Religion | | 3 | TECH 2925 Web Client Programming | *S5* | 3 |
| Foreign Languages (Must take I and II for credit) | | 3 | TECH 3520 Networking Essentials | *S6* | 3 |
| Music or Theatre | | 3 | | | |
| Interdisciplinary | | 3 | Major Electives [3, 7] 15 S.H. | | |
| | | | TECH or CPS 3xxx or 4xxx | *S6* | 3 |
| Social Sciences: 6 S.H. (from different areas) | | | TECH 3xxx or 4xxx | *S7* | 3 |
| *HIST 1000 Civil Society in America | | 3 | TECH 3xxx or 4xxx | *S7* | 3 |
| Psychology | | 3 | TECH 3xxx or 4xxx | *S8* | 3 |
| Economics or Geography | | 3 | TECH or CPS 3xxx or 4xxx | *S8* | 3 |
| Political Science | | 3 | | | |
| Sociology or Anthropology | | 3 | | | |
| Interdisciplinary | | 3 | FREE ELECTIVES: 19 S.H.<br>at least 50% must be 3000/4000level | | 19 |
| | | | ID 1400 (Recommended if need to take Math 1000) | *S1* | 3 |
| Science and Mathematics: 7 S.H. | | | | | |
| MATH 1054 Precalculus [4] | *S2* | 3 | | | |
| Lab Science | *S4* | 4 | | | |
| Biology; Chemistry; Physics; Geology; Meteorology; Earth Science; Astronomy | | | | | |
| | | | | | |
| G.E. and Major Capstone: [3] 3 S.H. | | 3 | | | |
| TECH 4513 Sr. Project | *S8* | | | | |
| | | | Other Transfer: | | |
| Additional Required** Courses:[3] 26 S.H. | | 26 | | | |
| Math 2110 Discrete Structures | *S3* | 3 | | | |
| Math 2526 Statistics | *S4* | 3 | Special Notes: | | |
| CPS 1231 Fundamentals of Computer Science [6] | *S2* | 4 | *G.E. required course | | |
| CPS 2231 Computer Organization & Programming | *S3* | 4 | **Course required by Major | | |
| CPS 3498 Computer Security | *S7* | 3 | ***All Major courses require a grade of C or better | | |
| CPS 3910 IT Project Management | *S6* | 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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[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 five TECH courses (or max 2 CPS courses from an approved list), with department advisement, at the 3000 level or higher.
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**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 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 Computer Science major:

1. Minimum cumulative GPA of 2.5 at the time of admission to the major.
2. Completion of at least 9 credits of CPS courses at Kean University with grade of "C" or better in each.

**Comments:**

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**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 the HH Hennings Hall, Room 215, phone (908)737-3800.**
**YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.**