



(78306) B.S. in Computer Science, Info. Systems Option, 124 semester hours (S.H.)

This sheet applies to students with an A. S. in Computer Science or an A. S. in Computer Science, Info. Systems Option from OCC.
(Ocean County College= 64 S.H., Kean University= 60 S.H.)
(revised 11/9/09)

NAME _____
STUDENT I.D.# _____
START TERM _____

TRANSFER INSTITUTIONS _____

GENERAL EDUCATION REQUIREMENTS: 34 S.H.
FOUNDATION REQUIREMENTS 12 S.H.

KEAN UNIVERSITY COURSE

GE 1000 Transition to Kean _____ waived

OCEAN COUNTY COLLEGE COURSES

ENG 151 English Composition I¹ _____ 3
MATH 265 Calculus I _____ 3
COMM 154 Public Speaking _____ 3
ENGL 152 English Composition II _____ 3

DISCIPLINARY REQUIREMENTS:

HUMANITIES 6 S.H.

OCEAN COUNTY COLLEGE COURSES

ENGL 255 or 256 World Literature _____ 3
Select one course from OCC list of GHUM courses (excluding ENGL and HIST courses). Note that credit for study of foreign language is granted only upon completion of six credits, with three credits applicable to this area and three applicable to free electives.
_____ 3

SOCIAL SCIENCES 6 S.H.

OCEAN COUNTY COLLEGE COURSES

HIST 100 or HIST 171 or HIST 172 _____ 3
Select one course from OCC list of GSOC courses.
_____ 3

SCIENCE & MATHEMATICS 7 S.H.

OCEAN COUNTY COLLEGE COURSES

MATH 266 Calculus II _____ 3
PHYS 281, CHEM 181, or BIOL 161 _____ 4

GE/MAJOR CAPSTONE COURSE 3 S.H.

KEAN UNIVERSITY COURSE

CPS 4951 Design/Development Project
or CPS 4961 Sr. Research _____ 3

FREE ELECTIVES: 21 S.H.

At least 50% must be at the 3000 or 4000 level. CPS 4999, Cooperative Education, may count as free elective.

OCEAN COUNTY COLLEGE COURSES

Up to 9 credits allowed.
MATH 265, 266, 267 excess credits _____ 3
CSIT 213 or higher _____ 3

KEAN UNIVERSITY COURSES

Footnotes:

¹ENGL 151 and all major and supporting courses require C or better.

MAJOR REQUIREMENTS¹: 42 S.H.

Required Courses

OCEAN COUNTY COLLEGE COURSES

CSIT 140 Intro. Computer Org. _____ 3
CSIT 171 Computer Programming I _____ 3
CSIT 172 Computer Programming II _____ 3
CSIT 174 Computer Systems _____ 3
CSIT 271 Data Structures & Alg. Analysis _____ 3

KEAN UNIVERSITY COURSES

CPS 3250 Comp. Operating Systems _____ 3
CPS 3351 Info. Systems Programming _____ 3
CPS 3740 Database Management _____ 3
CPS 3962 Object Oriented Analysis & Design (WE) _____ 3
CPS 4931 Distributed Systems Appls. _____ 3

Major Electives

Select with advisement four CPS courses (or max 2 IT/TECH courses from approved list) at the 3000 or 4000 level.

CPS _____ 3
CPS _____ 3
CPS _____ 3
CPS _____ 3

ADDITIONAL REQUIREMENTS¹ 27 S.H.

OCEAN COUNTY COLLEGE COURSES

MATH 267 Calculus III _____ 3
MATH 270 Discrete Mathematics _____ 3
PHYS 282, CHEM 182, or BIOL 162 _____ 4

KEAN UNIVERSITY COURSE

ENG 3091 Technical Writing _____ 3
COMM 2405 Public Speaking _____ 3
MATH 2526 Applied Statistics I _____ 3

Select one of the following 3-course tracks.

Accounting & Finance

ACCT 2200 Accounting I _____ 3
FIN 3310 Mgmt. Corp. Finance I _____ 3
ACCT 2210 Accounting I
or FIN 3311 Corporate Finance II _____ 3

Quantitative

ACCT 2200 Accounting I _____ 3
MGS 2110 Quantitative Methods _____ 3
MGS 4100 Operations Research _____ 3

Web Systems

VC 2240 Computers & Graphic Design I _____ 3
VC 4240 Computers & Graphic Design II
or GCOM 4630 Print Communications _____ 3
TECH 3601 New Media Programming _____ 3



**KEAN
OCEAN**

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** _____

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