Computer Science Minor
Catalog 2014/2015 – 18 Hours (minimum)

NOTE: This flow chart is provided as a guide; the catalog is the only definitive source of requirements.

English – 6 Hours
ENC 1101 (3 hrs) Composition I
ENC 1102 (3 hrs) Composition II

Requires a 3.0 average in Calculus I & II, Physics I & II with Labs, and Composition I & II

MAC 2281 (4 hrs)
Engineering Calculus I

MAC 2282 (4 hrs)
Engineering Calculus II

PHY 2048/2048L
Physics I w/Calc/Lab (4 hrs)

PHY 2049/2049L
Physics II w/Calc/Lab (4 hrs)

COP 2510 (3 hrs)
Programming Concepts

PHY 2048/2048L
Physics I w/Calc/Lab (4 hrs)

PHY 2049/2049L
Physics II w/Calc/Lab (4 hrs)

CDA 3103 (3 hrs)
Computer Organization

COP 3514 (3 hrs)
Program Design

COT 3100 (3 hrs)
Discrete Structures

COP 3331 (3 hrs)
Object Oriented Design

COP 4530 (3 hrs)
Data Structures

Departmental Electives (6 hrs)
(see Department advisor to select)

Notes
1) Note: COP 2510 with a minimum grade of "B", CDA 3103 and COP 3514 with a minimum grade of "B", based on best attempts in each course. These requirements must be met with a maximum of two attempts allowed for each course. See catalog.

2) Students seeking a pregraduate track with this minor are recommended to take COT 4440 Analysis of Algorithms, COP 4600 Operating Systems, and CDA 4205 Computer Architecture for 9 hours of electives. There may be additional prerequisite courses required for these courses, please consult with the Department advisor.