COMPUTER SCIENCE PREREQUISITE FLOWCHART
Department of Mathematics and Computer Science, Duquesne University
Effective FALL 2017

UCOR 030
Research & Info Skills (1 cr)
Fall, Spring

COSC 100
Elements of Comp Sci (2 cr)
Fall, Spring

COSC 101
Basic Programming (3 cr)
Spring

COSC 135
Intro to Computer Sci (3 cr)
Fall, Spring

MATH 115
Calculus I (4 cr)
Fall, Spring, Summer

MATH 116
Calculus II (4 cr)
Fall, Spring, Summer

COSC 130
Fund of Internet (3 cr)
Fall, Spring

COSC 150
Computer Progmg: C++ (3 cr)
Spring, Summer XG

COSC 160
Scientific Progmg: JAVA (3 cr)
Fall, Spring, Summer XG

MATH 135
Discrete Math (3 cr)
Fall, Spring

COSC 215
JAVA w/Data Structures (3 cr)
Fall, Spring, Summer

COSC 220
Comp Org and Assembly (3 cr)
Fall, Spring

COSC 305
Digital Logic (3 cr)
Odd Summer

COSC 311
System Prog & Design (3 cr)
Odd Fall

COSC 325W
Operating Sys & Arch (3 cr)
Spring

COSC 415
Comp Org and Assembly (3 cr)
Fall, Spring

COSC 418
Formal Languages (3 cr)
Even Fall

COSC 460
Computer Networks (3 cr)
Odd Spring

COSC 410
Artificial Intelligence (3 cr)
Even Spring

COSC 425
Graphics (3 cr)
Even Fall

COSC 430
Web-Based Design (3 cr)
Even Spring

COSC 435
Theory of Prog Lang (3 cr)
Odd Fall

COSC 445W
Sys Anal & Sftwr Design (3 cr)
Odd Spring

COSC 480W
Senior Project (1, 2, or 3 cr)
Fall, Spring, Summer

COSC 300
Adv Data Structures (3 cr)
Fall, Spring

COSC 301
Basic Programming (3 cr)
Spring

COSC 308
Numerical Analysis (3 cr)
Spring

COSC 350W
Computers & Humanity (3 cr)
Even Summer

COSC 340
Problem Solving Seminar (1 cr)
Fall

COSC 345W
Sys Anal & Sftwr Design (3 cr)
Odd Spring

COSC 401
Database Management (3 cr)
Even Fall

COSC 405
Digital Logic (3 cr)
Even Summer

COSC 420
Computer Networks (3 cr)
Odd Spring

COSC 435W
Operating Sys & Arch (3 cr)
Even Fall

COSC 450
Computer Networks (3 cr)
Odd Spring