COMPUTER SCIENCE PREREQUISITE FLOWCHART

Department of Mathematics and Computer Science, Duquesne University
Effective FALL 2017

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
COSC 130 Fund of Internet (3 cr) Fall, Spring
MATH 135 Discrete Math (3 cr) Fall, Spring
COSC 160 Scientific Progmg: JAVA (3 cr) Fall, Spring , Summer
COSC 215 JAVA w/Data Structures (3 cr) Fall, Spring, Summer
COSC 220 Comp Org and Assembly (3 cr) Fall, Spring
COSC 200 Adv Data Structures (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
MATH 115 Calculus I (4 cr) Fall, Spring
MATH 116 Calculus II (4 cr) Fall, Spring, Summer
COSC 130 Fund of Internet (3 cr) Fall, Spring
COSC 160 Scientific Progmg: JAVA (3 cr) Fall, Spring, Summer
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 410 Artificial Intelligence (3 cr) Even Spring
COSC 425 Graphics (3 cr) Even Fall
COSC 430 Web-Based Design (3 cr) Even Spring
COSC 445W Sys Anal & Sftwr Design (3 cr) Fall, Spring, Summer
COSC 480W Senior Project (1, 2, or 3 cr) Fall, Spring, Summer
COSC 435 Theory of Prog Lang (3 cr) Odd Fall
COSC 445W Sys Anal & Sftwr Design (3 cr) Fall, Spring, Summer
COSC 480W Senior Project (1, 2, or 3 cr) Fall, Spring, Summer

LEGEND
- Required course for all CS majors
- Course not counted toward CS major
- Prerequisite
- Concurrency: can be taken with, or after
- Prerequisite "OR"
- Prerequisite "OR"
- XG Crosslisted Graduate