Computer Science - Software Systems
Required Courses for Areas F, G & H
2019-2020 Catalog

Legend

Prerequisite — Co-requisite — Recommended

Rubric Number
Course name
Fall Spring Summer

MATH 1113
Pre-Calculus
Fa Sp Su

MATH 2125
Intro to Discrete Math
Fa Sp Su

MATH 5125
Discrete Math
Fa Sp Su

CPSC 1301K
Computer Science 1
Fa Sp Su

CPSC 1302
Computer Science 2
Fa Sp Su

CPSC 2105
Computer Organization
Fa Sp Su

CPSC 2108
Data Structures
Fa Sp Su

CYBR 2159
Fundamentals of Computer Networking
Fa Sp --

CYBR 2106
Intro to Information Security
Fa Sp Su

CPSC 3175
Object-Oriented Design
Fa Sp --

CPSC 3125
Operating Systems
Fa Sp --

CPSC 3131
Database Systems I
Fa Sp --

CPSC 3000+
Technical Elective
Fa Sp ??

CPSC 5135
Programming Languages
-- Sp --

CPSC 3165
Professionalism in Computing
Fa Sp Su
(Must be Jr/Sr)

CPSC 3121
Assembly I
-- Sp --

CPSC 5115
Algorithm Analysis & Design
Fa -- --

CPSC 4175
Software Engineering
Fa -- --

CPSC 5157
Computer Networks
Fa -- Su

CPSC 5155
Computer Architecture
Fa -- --

CPSC 5128
Theory of Computation
-- Sp --

CPSC 4176
Senior Software Eng. Project
-- Sp --

CPSC 4000
Baccalaureate Survey
Fa Sp Su
(Take last semester)

CPSC 3000+
Technical Elective
Fa Sp ??