

Dependency Graph of Required CS Courses 2012-2014 Catalog

Degree hours:

42 hours core curriculum

51 hours additional required

24 upper division CS electives

3 hours free electives

120 hours total

Assumed Precollege

M1023
Algebra

M1093
PreCalc

M1214
Calc I

M1223
Calc II

1063
Prog

1713/1
Intro

3333/1
MFound

2233/1
DiscM

2123/1
DataS

3343/1
Algo

3843/1
Org

3443
App Prog

3423/1
SysP

3723/1
PLang

3853/1
Arch

3773
SoftE

3733/1
OS

3433
InfoS

4773
OOSys

4393
User-I

4723
Test

4733
ProMa

4353
UnixS

4363
Crypto

Software Engineering Concentration

CS 3773 Software Engineering

Plus two of the following:

CS 4393 Topics in User Interfaces

CS 4773 Object Oriented Systems

CS 4723 Software Validation and
Quality Assurance

Security Concentration

CS 3433 Principles of Computer and
Information Security

CS 4353 Unix and Network Security

CS 4363 Cryptography