Computer Science Major 2016-2017
Computer Science Concentration

Required Coursework

Semester 1		Semester 2
CSCI 110, C-QR		CSCI 150, C-QR or MATH 250
MATH 131, C-QR		CSCI 205
PHIL 120, C-PF		THRS 117, C-TF
Elective/Minor/Core		Elective/Minor/Core

Semester 3		Semester 4
CSCI 225		CSCI 220
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

Semester 5		Semester 6
CSCI 322		CSCI 370
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

Semester 7		Semester 8
CSCI 321		CSCI 460
CSCI Elective		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

Requirement Checklist
- ☐ CSCI 110 Introduction to Computer Programming, C-QR
- ☐ CSCI 150 Applications of Discrete Structures, C-QR or MATH 250 Foundations of Mathematics
- ☐ CSCI 205 Software Engineering and Elementary Data Structures
- ☐ CSCI 220 Advanced Data and File Structures
- ☐ CSCI 225 Machine Organization and Assembly Language
- ☐ CSCI 460 Senior Capstone Experience
- ☐ MATH 131 Calculus and Analytical Geometry 1, C-QR
- ☐ CSCI 321 Analysis of Algorithms or CSCI 3323 Theory of Computation
- ☐ CSCI 322 Programming Languages
- ☐ CSCI 370 Introduction to Operating Systems

One from:
- ☐ CSCI 330 Database Techniques and Modeling
- ☐ CSCI 340 Artificial Intelligence
- ☐ CSCI 347 Robotics and Real-Time Processing
- ☐ CSCI 350 Event Programming
- ☐ CSCI 373 Communications/Networks

At least three CSCI courses at the 300 level or above must be taken at SNC