

Name: _____

Banner ID: _____

Signature: _____

Chair or Program Director Signature: _____

Date: _____

[12 hrs] Core Courses

- CS 5100 Seminar (3) [S]
- CS 5110 Algorithms (3) [F]
- CS 5521 Operating Systems (3) [S]
- CS 5666 Software Engineering (3) [F]

[3 hrs or 9 hrs] Thesis/Project

- Project Option
 - CS 5800 Project (3)
- Thesis Option
 - CS 5998 Thesis Prep (3)
 - CS 5999 Thesis (6)

[9 hrs] Concentration (must choose one)

- Data Science & Visual Computing
 - CS 5245 Data Programming (3) [Fo]
 - CS 5435 High Performance Databases (3) [So]
 - CS 5710 Data Mining (3) [Fe]
 - CS 5720 Scientific Computing & Visualization (3) [Se]

[X hrs to total >= 36 hrs] General Electives

- CS 5900 Internship (3 hrs max)
- _____
- _____
- _____
- _____

Foundations

- _____
- _____
- _____

Systems

- CS 5450 Networking (3) [Fe]
- CS 5465 Graphics (3) [Se]
- CS 5483 Architecture (3) [Fo]

Theoretics

- CS 5120 Graph Theory (3) [So]
- CS 5440 Artificial Intelligence (3) [Fo]
- CS 5550 Advanced Theory (3) [Se]
- CS 5631 Programming Language Translation (3) [Fe]

Web & Mobile

- CS 5240 Mobile Device Programming (3) [Fo]
- CS 5569 Human-Computer Interfaces (3) [So]
- CS 5570 Design of User Interfaces (3) [Fe]
- CS 5667 Advanced Software Engineering (3) [Se]

Other Notes:
