

Sample Schedule

Student background in CS/CE with a domain focus in on computational methods.

Legend

Core Courses	Foundational Skills
Approved Electives	Domain Electives

Year 1

Fall	Spring
UN 5550 – Intro to Data Sci	CS 5831 – Adv. Data Mining
BA 5200 – Info. Sys. Mgmt. & Bus. Analytics	CS 5841 – Machine Learning
Domain Elective – 3 cr. *	Domain Elective – 3 cr. *

18 credits

Year 2

Fall	Spring
MA 5790 – Predictive Modeling	CS 5471 – Computer Security
Domain Elective – 3 cr. *	Domain Elective – 3 cr. *
Domain Elective – 3 cr. *	Domain Elective – 3 cr. *

18 credits

* Note, the domain electives are not restricted by background, that is, a student with a BS in computer science can take electives in any other department as long as any pre-requisites are met.

** If student has not studied regression analysis, suggest MA 4710 as one domain elective prior to taking MA 5790.