

## Sample Schedule

Student background in and domain focus on Forestry. The prerequisites necessary for some of the MA and CS classes are not met by the Forestry degree requirements. Therefore, prerequisites foundational courses are incorporated into the sample schedule.

If the student knows of their interest in the Data Science program before finishing their bachelor's degree, there may be an opportunity to take pre-requisite/foundational courses as free electives in their program (and double count or Senior rule the courses).

### Legend

Core Courses	Foundational Skills
Approved Electives	Domain Electives

### Year 1

Fall	Spring
UN 5550 – Intro to Data Sci	MIS 3100 – Business Database Mgmt.
MA 3740 – Statistical Prog. and Analysis	FW 5083 – Bioinformatics Prog. and Skills
Domain Elective – 3 cr. Example: FW 4099 – Programming Skills for Bioinformatics*	Domain Elective – 3 cr. *

18 credits

### Year 2

Fall	Spring
MA 5790 – Predictive Modeling	CS 5831 – Adv. Data Mining
BA 5200 – Info. Sys. Mgmt. & Bus. Analytics	MA 5780 – Time Series Analysis & Forecasting
Domain Electives – 3 cr./4 cr.*	Domain Elective – 3 cr./4 cr.*

14-18 credits

\* Note, the domain electives are added as suggestions and are subject to their availability and interest of the student. Also, the domain electives are not restricted by background, that is, a student with a BS in forestry can take electives in any other department as long as any prerequisites are met.