Data & Decisions (DTDC) Minor Requirements

VIRGINIA TECH

Introductory

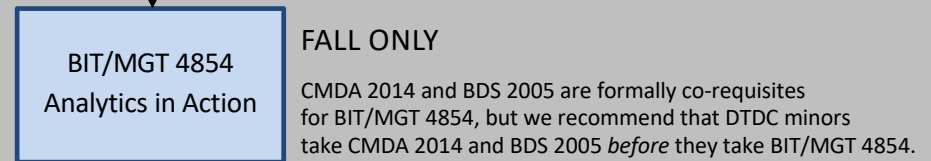**Take one introductory course (3 credits) from the following list**

ACIS 1504 Introduction to Business Analytics & Business Intelligence	CS 1014 Introduction to Computational Thinking	FREC 1004 GEOG 1084 Digital Planet	HIST/SOC/STS 2604 Introduction to Data in Social Context	SPIA 2004 Introduction to Urban Analytics	STAT 1014 Data in Our Lives
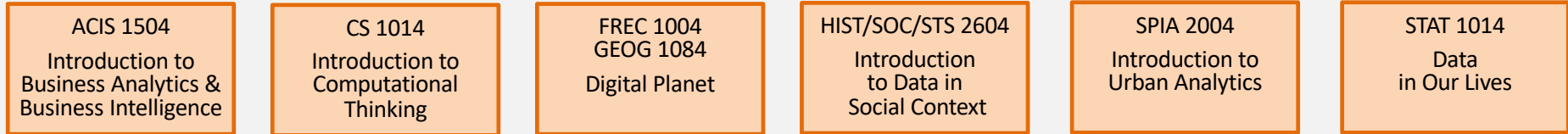
Core

Take two core courses (6 credits)

FALL AND SPRING

CMDA 2014 Data Matter

BDS 2005 Fundamentals of Behavioral Decision Science

FALL ONLY
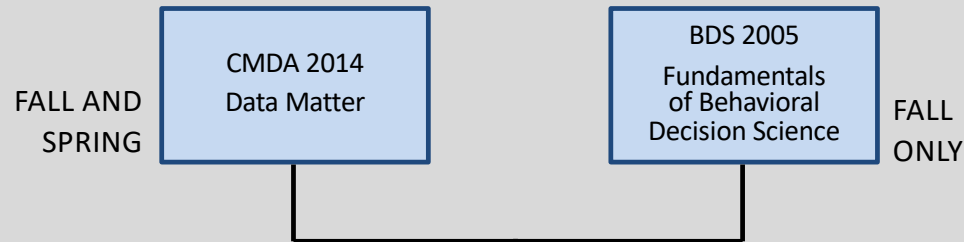
Capstone

Take the DTDC capstone course (3 credits)

BIT/MGT 4854 Analytics in Action

FALL ONLY

CMDA 2014 and BDS 2005 are formally co-requisites for BIT/MGT 4854, but we recommend that DTDC minors take CMDA 2014 and BDS 2005 *before* they take BIT/MGT 4854.

Restricted Electives

Take two restricted electives (6 credits) from the following list (Note: some classes have prerequisites.)

* ✳ BDS 2006 Fundamentals of Behavior Decision Science
* ✳ BIT 3434 Advanced Modeling for Business Analytics
* ✳ BIT 4504 Data Governance, Privacy, and Ethics
* ✳ ECON 3254 Analysis of Economic Data
* ✳ FREC 3044 Environmental Data Science
* GEOS/GEOG 4354 Introduction to Remote Sensing
* HD 3024 Community Analytics
* HIST 2624 Topics in the History of Data in Social Context
* HIST 3774 Digital History

* PHS/HNFE 3634 Epidemiologic Concepts of Health and Disease
* PHS 4064 Modeling Infections Diseases
* ✳ PSCI 2024 Research Methods in Political Science
* SOC/HD 2104 Quantitative Approaches to Community Research
* ✳ SOC 3204 Social Research Methods
* ✳ STAT 3604 Statistics for Social Sciences
* UAP 3024 Urban and Regional Analysis

✳ *indicates that the class has prerequisites*