

MS in Applied Data Science: Track 2—Data Science Generalist*

OCTOBER 2019 START – 1 YEAR SCHEDULE

NOTE: All courses will be offered online.

FALL SEMESTER: October 21st – December 14th 2019 (Session 1)

ADS 521 Foundations of Data Science
ADS 638 Database Systems

FALL SEMESTER: January 6th – February 29th 2020 (Session 2)

ADS 522 Data Analytics I
ADS 637 Data Exploration and Visualization

SPRING SEMESTER: March 2nd – April 25th 2020 (Session 3)

ADS 523 Data Analytics II
ADS 650 Time Series Analysis or Other elective*

SPRING SEMESTER: May 4th – June 27th 2020 (Session 4)

ADS 534 Statistical modeling
ADS 652 Text Mining or Other elective*

SUMMER SEMESTER: June (TBD) – August (TBD), 2020 (Session 5)

ADS 525 Introduction to Machine Learning I
Other elective*

SUMMER SEMESTER: August (TBD) – October (TBD), 2020 (Session 6)

ADS 526 Introduction to Machine Learning II
ADS 670 Case Analysis Capstone

***OTHER ELECTIVES**

Students may select elective courses from the following list, additional courses may be approved based on students' background.

INF 642 Project management
INF 654 Organization Knowledge Management
INF 658 Strategies for Information Management
CIM 507 Applied Research Strategies
CIM 605 Decision Support Systems
CBY 510 Foundations of Cybersecurity Management
CBY 515 Foundations of Data Protection
MBA 660 Investment Strategy & Risk Management

MBA 651 High Performance Leadership Strategies

MLN 500 Introduction to Theory/Practice of Negotiation

MLN 505 Introduction to Models/Concepts in Leadership

MHE 500 Introduction to Higher Education Administration

MHE 505 Organization and Governance of Higher Education

NMP 500 Foundations of the Nonprofit Sector

NMP 655 Leadership & Personal Effectiveness

Note:

- **Student's placement into Track 1 (Data Science Specialist) or Track 2 (Data Science Generalist) will be determined based on the results of the placement test taken at the end of ADS521 as well as the student's preference.**
- **Students must successfully complete their entire program in order to participate in the official graduate ceremony held each May.**
- **Meeting times subject to change.**

GRADUATE ADMISSIONS. 413-565-1332. GRADUATE@BAYPATH.EDU
Part of P-form for proposed curriculum change - Prepared February 28, 2019.