

# MSDS PROGRAM MASTER OF SCIENCE IN DATA SCIENCE

# **Five-Semester Track**

#### **Term 1: (7.5 credits)**

DS 6306: Doing Data Science (3 credits)

DS 6371: Statistical Foundations for Data Science (3 credits)

DS 6110: Immersion (1.5 credits)

#### Term 2: (6 credits)

DS 6372: Applied Statistics: Interference and Modeling (3 credits)

DS 7330: File Organization and Database Management (3 credits)

#### Term 3: (6 credits)

DS 6309: Visualization of Information (3 credits)

DS 7331: Machine Learning I (3 credits)

# Term 4: (7 credits)

DS xxxx: Elective Course (3 credits)

DS xxxx: Elective Course (3 credits)

DS 6120: Capstone A (1 credit)

## Term 5: (7 credits)

DS 7333: Quantifying the World (3 credits)

DS xxxx: Elective Course (3 credits)

DS 6130: Capstone B (1 credit)

# Seven-Semester Track

This is a sample part-time track can be completed in 7 terms

#### **Term 1: (4.5 credits)**

DS 6306: Doing Data Science (3 credits)

DS 6110: Immersion (1.5 credits)

#### Term 2: (6 credits)

DS 6371: Statistical Foundations for Data Science (3 credits)

DS 7330: File Organization and Database Management (3 credits)

#### Term 3: (6 credits)

DS 6309: Visualization of Information (3 credits)

DS 6372: Applied Statistics: Interference and Modeling (3 credits)

#### Term 4: (3 credits)

DS 7331: Machine Learning I (3 credits)

#### Term 5: (6 credits)

DS xxxx: Elective Course (3 credits)

DS xxxx: Elective Course (3 credits)

## Term 6: (4 credits)

DS xxxx: Elective Course (3 credits)

DS 6120: Capstone A (1 credit)

# Term 7: (4 credits)

DS 7333: Quantifying the World (3 credits)

DS 6130: Capstone B (1 credit)