MASTER OF SCIENCE IN DATA SCIENCE
(30 CREDITS)

3-Semester Guided Curriculum (Fall start)

Semester 1 - FALL		
9 credits		**# Credits**
STAT 5100	Fundamentals of Data Science *(1st 8 weeks)*	3
INFS/STAT 5110	Data Visualization *(2nd 8 weeks)*	3
INFS 6244	Database for Data Science *(1st 8 weeks)*	3
Semester 2 - SPRING		
12 credits		**# Credits**
INFS 6241	Big Data Technologies *(1st 8 weeks)*	3
STAT 6050	Statistics for Data Science *(15 weeks)*	3
INFS/STAT 6486	Data Modeling and Simulation *(1st 8 weeks)*	3
INFS 7140	Python for Data Analysis *(2nd 8 weeks)*	3
Semester 3 - FALL		
9 credits		**# Credits**
INFS/STAT 6482	Applied Machine Learning *(2nd 8 weeks)*	3
INFS 6720	Data Mining *(1st 8 weeks)*	3
INFS/STAT 7100	Data Science Capstone *(15 weeks)*	3

3-Semester Guided Curriculum (Spring start)

Semester 1 - SPRING		
9 credits		**# Credits**
INFS 7140	Python for Data Analysis *(2nd 8 weeks)*	3
INFS 6241	Big Data Technologies *(1st 8 weeks)*	3
INFS 6720	Data Mining *(1st 8 weeks)*	3
Semester 2 - FALL		
12 credits		**# Credits**
STAT 5100	Fundamentals of Data Science *(1st 8 weeks)*	3
INFS/STAT 5110	Data Visualization *(2nd 8 weeks)*	3
INFS 6244	Database for Data Science *(1st 8 weeks)*	3
INFS/STAT 6482	Applied Machine Learning *(2nd 8 weeks)*	3
Semester 3 - SPRING		
9 credits		**# Credits**
STAT 6050	Statistics for Data Science *(15 weeks)*	3
INFS/STAT 6486	Data Modeling and Simulation *(1st 8 weeks)*	3
INFS/STAT 7100	Data Science Capstone *(15 weeks)*	3

4-Semester Guided Curriculum (Fall start)

Semester 1 - FALL		
6 credits		**# Credits**
STAT 5100	Fundamentals of Data Science *(1st 8 weeks)*	3
INFS/STAT 5110	Data Visualization *(2nd 8 weeks)*	3
Semester 2 - SPRING		
9 credits		**# Credits**
STAT 6050	Statistics for Data Science *(15 weeks)*	3
INFS/STAT 6486	Data Modeling and Simulation *(1st 8 weeks)*	3
INFS 7140	Python for Data Analysis *(2nd 8 weeks)*	3
Semester 3 - FALL		
9 credits		**# Credits**
INFS 6244	Database for Data Science *(1st 8 weeks)*	3
INFS/STAT 6482	Applied Machine Learning *(2nd 8 weeks)*	3
INFS 6720	Data Mining *(1st 8 weeks)*	3
Semester 4 - SPRING		
6 credits		**# Credits**
INFS 6241	Big Data Technologies *(1st 8 weeks)*	3
INFS/STAT 7100	Data Science Capstone *(15 weeks)*	3

4-Semester Guided Curriculum (Spring start)

Semester 1 - SPRING		
6 credits		**# Credits**
INFS 6241	Big Data Technologies *(1st 8 weeks)*	3
INFS 7140	Python for Data Analysis *(2nd 8 weeks)*	3
Semester 2 - FALL		
9 credits		**# Credits**
STAT 5100	Fundamentals of Data Science *(1st 8 weeks)*	3
INFS/STAT 5110	Data Visualization *(2nd 8 weeks)*	3
INFS 6244	Database for Data Science *(1st 8 weeks)*	3
Semester 3 - SPRING		
9 credits		**# Credits**
STAT 6050	Statistics for Data Science *(15 weeks)*	3
INFS/STAT 6486	Data Modeling and Simulation *(1st 8 weeks)*	3
INFS 6720	Data Mining *(1st 8 weeks)*	3
Semester 4 - FALL		
6 credits		**# Credits**
INFS/STAT 6482	Applied Machine Learning *(2nd 8 weeks)*	3
INFS/STAT 7100	Data Science Capstone *(15 weeks)*	3

The study plan above is for guidance only. Always review your individual check sheet for your degree requirements. For full course descriptions, see the RMU Course Catalog

For more information, contact:

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