Suggested Schedule for Full-time MPP Students Pursuing a Big Data Certificate

The following suggested sequence is based on historical program offerings. Offerings in the future may be different. Consult class schedules as they are published, as well as the program manager, Beth, regarding conflicts that may arise. Completing the Big Data Certificate will add one 3 credit course beyond the number of courses required by the MPP program and take up all your electives in the program. One Big Data Core course can be substituted with one of the following MPP courses: Program & Policy Evaluation, Survey Research Methods, or Public Policy Research.

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| Fall Semester (1st year) |
| Course | Title | Day/Time Offered | MPP Core | Big Data | Credits |
| PADMN 6320 | Public Policy Theories & Applications | Tuesday 6-9pm | X |  | 3 |
| PUBPL 6290 | Applied Quantitative Methods | Monday 6-9pm | X |  | 3 |
| ECON 6300 | Public Finance | Thursday 6-9pm | X |  | 3 |

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| Spring Semester (1st year) |
| Course | Title | Day/Time Offered | MPP Core | Big Data | Credits |
| PUBPL 6900 | Public Policy Research | Thursday 6-9pm | X | X | 3 |
| PUBPL 6563 | Program & Policy Evaluation | Monday 6-9pm | X |  | 3 |
| CS 6300 | Artificial Intelligence | T/TH 12:25-1:45pm | Elective | X | 3 |
| ECON 6380 | Law & Econ | Online | X |  | 3 |

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| Summer Semester (1st year) |
| Course | Title | Day/Time Offered | MPP Core | Big Data | Credits |
| PADMN 6323 | Policy Analysis | Online | X |  | 3 |

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| Fall Semester (2nd year) |
| Course | Title | Day/Time Offered | MPP Core | Big Data | Credits |
| PUBPL 6560 | Survey Research Methods | Thursday 6-9pm | X |  | 3 |
| STAT 6003 | Survey of Statistical Packages | Wednesday 6-9pm | X |  | 3 |
| CS 6150 | Advanced Algorithms | T/TH 10:45-12:05pm |  | X | 3 |
| PUBPL 6960 | Applied Capstone Prep | TBA | X |  | 1 |

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| Spring Semester (2nd year) |
| Course | Title | Day/Time Offered | MPP Core | Big Data | Credits |
| PUBPL 6950 | Applied Policy Project | Thursday 6-9pm | X |  | 3 |
| CS 6350 | Machine Learning | M/W 4:35-5:55pm | Elective | X | 3 |
| CS 6140 | Data Mining | M/W 3:00-4:20pm | Elective | X | 3 |