Psychology Accelerated Master’s Degree Program - Courses in Data Science

Students who would like to gain more exposure to data science techniques and quantitative methods during their AMDP may consider taking some of the suggested electives from the list below. When registering for classes, AMDP students should always consult with the Psychology AMDP advisor to ensure they are meeting their core requirements for the Master’s degree.

1. Fall of Senior Year (see https://psm.isr.umich.edu/descriptions for all course descriptions)
   - SurvMeth 685: Statistical Modeling I
   - SurvMeth 621: Fundamentals of Data Collection I

2. Winter of Senior Year
   - SurvMeth 686: Statistical Modeling II
   - SurvMeth 622: Fundamentals of Data Collection II
   - SurvMeth 630: Questionnaire Design and Evaluation

3. Fall of Year 5 (Masters)
   - Psych 613: Experimental Design (REQUIRED for Psych AMDP students)
   - SurvMeth 687: Applications of Statistical Modeling
   - SurvMeth 727: Fundamentals of Computing and Data Display

4. Winter of Year 5 (Masters)
   - SurvMeth 740: Fundamentals of Inference
   - Psych 614: Multivariate Methods

Please direct any questions about these courses to Pam Davis-Kean (pdakean@umich.edu), Brady West (bwest@umich.edu), or Fred Conrad (fconrad@umich.edu).