## JPSM M.S. DEGREE REQUIREMENTS

Minimum of 46 Total Credit Hours

### AREAS OF SPECIALIZATION

#### Social Science
- Fundamentals of Data Collection I
- Statistical Methods I
- Cognition, Communication and Survey Measurement
- Elective/Cognate

#### Survey Statistics
- Fundamentals of Data Collection I
- Statistical Methods I
- Introduction to Probability Theory
- Elective/Cognate

#### Data Science
- Fundamentals of Data Collection I
- Statistical Methods I
- Elective/Cognate

### FALL YEAR 1
- Fundamentals of Data Collection I
- Statistical Methods I
- Cognition, Communication and Survey Measurement
- Elective/Cognate

### SPRING YEAR 1
- Fundamentals of Data Collection II
- Statistical Methods II
- Applied Sampling
- Questionnaire Design or advisor approved Elective/Cognate

### SUMMER YEAR 1
- Internship Completed

### FALL YEAR 2
- Total Survey Error and Data Quality II (Master's Capstone Project)
- Applications of Statistical Modeling
- Fundamentals of Inference
- Fundamentals of Computing and Data Display

### SPRING YEAR 2
- Total Survey Error and Data Quality II (Master's Capstone Project)
- Design Seminar
- Analysis of Complex Sample Survey Data
- Practical Tools for Sampling and Weighting

### FALL YEAR 2
- Total Survey Error and Data Quality I
- Applications of Statistical Modeling
- Fundamentals of Inference
- Fundamentals of Computing and Data Display

### SPRING YEAR 2
- Total Survey Error and Data Quality I
- Applications of Statistical Modeling
- Fundamentals of Inference OR advisor approved Elective/Cognate
- Fundamentals of Computing and Data Display

### FALL YEAR 2
- Internship Completed

### SPRING YEAR 2
- Total Survey Error and Data Quality II (Master's Capstone Project)
- Design Seminar
- Analysis of Complex Sample Survey Data
- Practical Tools for Sampling and Weighting

### FALL YEAR 2
- Total Survey Error and Data Quality I
- Applications of Statistical Modeling
- Fundamentals of Inference
- Fundamentals of Computing and Data Display