# 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

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### Fall Year 1

**Social Science**

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

**Survey Statistics**

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

**Data Science**

- Fundamentals of Data Collection II
- Statistical Methods II
- Applied Sampling
- Elective/Cognate

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### Spring Year 1

**Social Science**

- Fundamentals of Data Collection II
- Statistical Methods II
- Cognition, Communication and Survey Measurement
- Elective/Cognate

**Survey Statistics**

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

**Data Science**

- Fundamentals of Data Collection II
- Statistical Methods II
- Theory and Methods of Statistics

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### Summer Year 1

**Social Science**

- Internship Completed

**Survey Statistics**

- Internship Completed
- Internship Paper
- Internship Focus Group

**Data Science**

- Internship Completed
- Internship Paper
- Internship Focus Group

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### Fall Year 2

**Social Science**

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

**Survey Statistics**

- 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

**Data Science**

- Total Survey Error and Data Quality I
- Application of Statistical Modeling
- Fundamentals of Inference
- Fundamentals of Computing and Data Display

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### Spring Year 2

**Social Science**

- Total Survey Error and Data Quality II
- (Master’s Capstone Project)
- Design Seminar
- Analysis of Complex Sample Survey Data
- Elective/Cognate

**Survey Statistics**

- Total Survey Error and Data Quality II
- (Master’s Capstone Project)
- Design Seminar
- Inference from Complex Samples OR advisor approved Elective/Cognate
- Elective/Cognate

**Data Science**

- Total Survey Error and Data Quality II
- (Master’s Capstone Project)
- Design Seminar
- Analysis of Complex Sample Survey Data
- Elective/Cognate