



Michigan Program in Survey Methodology

2017-2018 M.S. Course Requirements

Full-time (4 terms plus summer internship)

Data Science Sub Plan

**Minimum
Credits**

Fall, Year I (12 credit hours)

- | | | |
|--------------------------|--|---|
| <input type="checkbox"/> | SurvMeth 685: Statistical Modeling I | 3 |
| <input type="checkbox"/> | NEW COURSE: Fundamentals of Data Collection I | 3 |
| <input type="checkbox"/> | Elective/Cognate: | 3 |
| <input type="checkbox"/> | Elective/Cognate: | 3 |

Winter, Year I (12 credit hours)

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | NEW COURSE: Fundamentals of Data Collection II | 3 |
| <input type="checkbox"/> | SurvMeth 686: Statistical Modeling II | 3 |
| <input type="checkbox"/> | SurvMeth 625: Applied Sampling | 3 |
| <input type="checkbox"/> | Elective/Cognate: | 3 |

Summer, Year I (0)

- | | | |
|--------------------------|-----------------------------|--|
| <input type="checkbox"/> | Internship Completed: _____ | |
| <input type="checkbox"/> | Internship Paper | |
| <input type="checkbox"/> | Internship focus group | |

Fall, Year II (11 credit hours)

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | SurvMeth 720: Total Survey Error and Data Quality I | 2 |
| <input type="checkbox"/> | SurvMeth 746: Applications of Statistical Modeling | 3 |
| <input type="checkbox"/> | NEW COURSE: Fundamentals of Inference | 3 |
| <input type="checkbox"/> | NEW COURSE: Working Title: Fundamentals of Computing and Data Display OR STAT 415:
Data Mining and Statistical Learning in following Winter term. | 3 |

Winter, Year II (11 credit hours)

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | SurvMeth 721: Total Survey Error and Data Quality II (Masters Thesis) | 2 |
| <input type="checkbox"/> | SurvMeth 760: Design Seminar | 3 |
| <input type="checkbox"/> | SurvMeth 701: Analysis of Complex Sample Survey Data | 3 |
| <input type="checkbox"/> | Elective/Cognate: | 3 |

Minimum Total Credit Hours

46

Notes: