

### Typical sequence for the completion of required courses (starting in even year)

|  |   |   |
|--|---|---|
| <b>Fall 1:</b><br>04214: Clinical Trials<br>04224: Biostat Computing<br>04231: Models & Methods I<br>04220: Research Seminar<br>04240: Statistical inference I<br>Elective or Bioethics                                      | <b>Spring 1:</b><br>04232: Models & Methods II<br>04241: Statistical inference I<br>04285: Intro. Bayesian Analysis<br>04221: Biomedical Applications and Consulting<br>04220: Research Seminar | <b>Summer 1:</b><br>04222: Statistical Consulting<br>04295: Readings & Research |
| <b>Fall 2:</b><br>04233: Statistical/Machine Learning<br>04313: Adv. Statistical Computing<br>04363: Advanced Statistics<br>24150: Bioinformatics in Omics Analysis<br>04220: Research Seminar<br>04295: Readings & Research | <b>Spring 2:</b><br>04275: Applied Survival<br>04385: Advanced Bayesian Analysis<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective or Bioethics                              | <b>Summer 2:</b><br>04295: Readings & Research<br>Elective                      |
| <b>Fall 3:</b><br>04386: Theory of Survival Analysis<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective  | <b>Spring 3:</b><br>04365: Linear Models<br>04384: Statistical Genetics<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective  | <b>Summer 3:</b><br>04295: Readings & Research<br>Elective                      |

### Typical sequence for the completion of required courses (starting in odd year)

|   |  |   |
|---|--|---|
| <b>Fall 1:</b><br>04224: Biostat Computing<br>04231: Models & Methods I<br>04220: Research Seminar<br>04240: Statistical inference I<br>Elective or Bioethics   | <b>Spring 1:</b><br>04232: Models & Methods II<br>04240: Statistical inference II<br>04275: Applied Survival<br>04221: Biomedical Applications and Consulting<br>04220: Research Seminar     | <b>Summer 1:</b><br>04222: Statistical Consulting<br>04295: Readings & Research |
| <b>Fall 2:</b><br>04214: Clinical Trials<br>04233: Statistical/Machine Learning<br>04386: Theory of Survival Analysis<br>24150: Bioinformatics in Omics Analysis<br>04220: Research Seminar<br>04295: Readings & Research | <b>Spring 2:</b><br>04285: Intro. Bayesian Analysis<br>04365: Linear Models<br>04384: Statistical Genetics<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective or Bioethics | <b>Summer 2:</b><br>04295: Readings & Research<br>Elective                      |
| <b>Fall 3:</b><br>04313: Adv. Statistical Computing<br>04363: Advanced Statistics<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective  | <b>Spring 3:</b><br>04385: Advanced Bayesian Analysis<br>04220: Research Seminar<br>04295: Readings & Research<br>Elective   | <b>Summer 3:</b><br>04295: Readings & Research<br>Elective                      |

### Graduation Requirements

A minimum of 6 credit hours of graduate-level biological/medical science electives and two bioethics courses (10222 Ethics and Integrity in Science and 10444 Research Ethics Discussion Series) are required. Students may also take appropriate courses from UWM and Marquette University to satisfy the elective requirements. Electives must be approved by the advisory committee.