



WCM Biostatistics Internship Program Example Schedule

Week 1

- Monday (in-person)
 - Welcome and orientation day presentation (10-10:30am)
 - Methods Lecture #1: Anatomy of a Statistical Analysis (10:30am-12pm)
 - Campus tour & team lunch (12:30-1:30pm)
 - R Crash Course #1 (1:30-3:30pm)
 - R Lab (3:45-4:30pm)
- Tuesday (in-person)
 - R Crash Course #2 (10-11:30am)
 - Methods Lecture #2: Data Exploration and Univariate Hypothesis Tests (11:30am-1pm)
 - Project intake meetings (afternoon)
 - Biostats social: board games & pizza (4-6pm)
- Wednesday (remote or in-person):
 - Professional Development Lecture #1: Series Introduction & How to Set Professional and Developmental Goals (9-10am)
 - Student work session: brainstorming the analysis plan
- Thursday (in-person)
 - Research Biostatistician Lecture #1: Technical Organization (10:30-11am)
 - Research Biostatistician Lecture #2: Professionalism in the Workplace (11am-12pm)
 - Student work session: developing the analysis plan and data cleaning
 - 1-on-1 professional development meetings
 - Career Lecture #1 (4-5pm)
- Friday (in-person)
 - Student group presentations on proposed analysis plan (9-10:30am)
 - Research Spotlight #1 (10:30am-11:15am)
 - Research Spotlight #2 (11:30-12:15am)
 - Students submit writeup of analysis plan

Week 2

- Monday (in-person)
 - Methods Lecture #3: Generalized Linear Regression (10am-11:30pm)
 - Student work session: data visualization and univariate statistical tests
- Tuesday (remote or in-person)
 - Professional Development Lecture #2: How to Network (10-11am)
 - Student work session: data visualization and univariate statistical tests
- Wednesday (in-person)
 - Student work session: data visualization and univariate statistical tests
 - 1-on-1 professional development meetings
 - Career Lecture #2 (4-5pm)
 - Biostats social: Yankees baseball game (7-10pm)

- Thursday (in-person)
 - Research Spotlight #3 (10:30-11:15am)
 - Research Spotlight #4 (11:30am-12:15pm)
 - Project check-in meetings (1:30pm-3:30pm)
- Friday (remote or in-person)
 - Student work session: data visualization and univariate statistical tests

Week 3

- Monday (in-person)
 - Student work session: multivariable analysis
 - Methods Lecture #4: Survival Analysis (10-11:30am)
 - WCM Graduate Program Panel (1-2pm)
 - Biostats social: tram ride to Roosevelt Island
- Tuesday (remote or in-person)
 - Professional Development Lecture #3: How to Secure a Job (9-10am)
 - Student work session: multivariable analysis
- Wednesday (in-person)
 - Student work session: multivariable analysis
 - 1-on-1 professional development meetings
 - Career Lecture #3 (4-5pm)
- Thursday (remote or in-person)
 - Professional Development Lecture #4: Systematic Literature Review (9-10am)
 - Student work session: multivariable analysis
- Friday (in-person)
 - Project check-in meetings (9-10am, and in afternoon as needed) Research Spotlight #5 (10:30-11:15am)
 - Research Spotlight #6 (11:15am-12pm)
 - Submit analysis report of multivariable analyses
 - Biostats social: Free Fridays at the Whitney (4-7pm)

Week 4

- Monday (in-person)
 - Methods Lecture #5: Longitudinal Data Analysis (10-11:30am)
 - Student work session: statistical analysis
 - Biostats social: division picnic in Central Park (12:30-4:30pm)
- Tuesday (remote or in-person)
 - Professional Development Lecture #5: How to Apply to Graduate School (9-10am)
 - Student work session: statistical analysis
- Wednesday (in-person)
 - Student work session: statistical analysis
 - 1-on-1 professional development meetings
 - Career Lecture #4 (4-5pm)
- Thursday (in-person)
 - Research Spotlight #7 (10:30-11:15am)
 - Research Spotlight #8 (11:30am-12:15pm)
 - Project check-in meetings (1:30-3:30pm)
 - Submit updated analysis report
- Friday (in-person)
 - Career Talk and Lunch (11am-1pm)
 - Infectious Disease Symposium and Ice Cream Social (2-4pm)

Week 5

- Monday (in-person)
 - Methods Lecture #6: Causal Inference (10-11:30am)
 - Student work session: statistical analysis
- Tuesday (remote or in-person)
 - Professional Development Lecture #6: Poster Design Principles (9-10am)
 - Student work session: statistical analysis
 - Biostats social: Dinner, Harlem SummerStage show (5:30-8pm)
- Wednesday (in-person)
 - Student work session: statistical analysis
 - 1-on-1 professional development meetings
 - Pediatric ICU tour
 - Professional Development Lecture #7 (4-5pm)
- Thursday (remote or in-person)
 - Student work session: statistical analysis
- Friday (in-person)
 - Group check-in meetings (9-10:30am, afternoon as needed)
 - Research Spotlight #9 (10:30-11:15am)
 - Research Spotlight #10 (11:30am-12:15pm)
 - Submit updated analysis report
- Saturday
 - Biostats social: American Museum of Natural History (11am-2pm)

Week 6

- Monday (in-person)
 - Methods Lecture #7: Predictive Modeling and Machine Learning (10-11:30am)
 - Memorial Sloan Kettering internship combined event, 12pm
 - Research Biostatistician Lecture #3 (10:30-11am)
 - Student work session: final analysis and abstract writing
- Tuesday (remote or in-person)
 - Professional Development Lecture #7: Tips and Considerations for Data Visualizations in R (9-10am)
 - Student work session: final analysis and abstract writing
- Wednesday (in-person)
 - Career Lecture #6 (4-5pm)
 - 1-on-1 professional development meetings
 - Student work session: abstract writing and poster assembly
 - Biostats social: division hot dog eating contest (12-1pm)
- Thursday (remote or in-person)
 - Student work session: abstract writing and poster assembly
- Friday (in-person)
 - Research Spotlight #11 (10:30-11:15am)
 - Research Spotlight #12 (11:30am-12:15pm)
 - Group check-in meetings (1:30-3:30pm)
 - Final abstracts due
- Saturday or Sunday
 - Biostats social: Coney Island beach day (10am-2pm)

Week 7

- Monday (in-person)
 - Methods Lecture #8: Geospatial Data Analysis (10-11:30am)
 - Student work session: prepping for presentation
- Tuesday (in-person)
 - Student work session: prepping for presentation
 - Career Lecture #7 (4-5pm)
- Wednesday (remote or in-person)
 - Professional Development Lecture #8: Coding with LLMs (9-10am)
 - Student work session: prepping for presentation
- Thursday (in-person)
 - 1-on-1 professional development meetings
 - Research Spotlight #13 (10:30-11:15am)
 - Research Spotlight #14 (11:30am-12:15pm)
 - Program dinner (6-7:30pm)
- Friday (in-person)
 - Poster presentation session and graduation celebration (12-2pm)