PhD in Public Health Sciences

Website: https://brownschool.wustl.edu/academics/PhD-in-public-health-sciences

Degree Requirements

PhD in Public Health Sciences

Graduation Requirements

• Previously obtained master’s degree
• 72 credit units (Note: This can include 21 master’s-level credit units from a relevant degree.)
• Two years of full-time doctoral course work
• Three teaching practica for course credit
• Three research practica for course credit
• Completion of an area of specialization statement and a qualifying exam
• Dissertation and oral defense

Course Requirements

Core doctoral seminar series

• Introduction to advanced research
• Conceptual foundations of social science research
• Theoretical orientations in public health sciences

Core data analysis sequence

• Applied linear regression analysis
• Generalized linear models

Other courses available to public health sciences doctoral students

• Network analysis
• System dynamics
• Multilevel and longitudinal modeling
• Survival analysis
• Structural equation modeling
• Propensity score analysis
• Qualitative research methods
• Introduction to social measurement
• Social policy research and analysis
• Health economics
• Advanced health policy methods
• Issues and directions in intervention research
• Translational research methods in public health
• Data management

• Statistical software: R
• Statistical software: Stata
• Statistical software: SAS
• GIS and spatial mapping
• Manuscript development
• Conducting systematic reviews
• Grantwriting
• Substantive and methodological electives taken from other schools and departments at Washington University

Please review the PhD in Public Health Sciences Curriculum (https://brownschool.wustl.edu/Academics/PhD-in-Public-Health-Sciences/Pages/PhD-Public-Health-Sciences-Curriculum.aspx) on the Brown School website for more details.