

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.