DOCTOR OF PHILOSOPHY IN THE FIELD OF TRANSLATIONAL HEALTH SCIENCES

More than ever before, health professionals must work within a multifaceted healthcare context with influences from geographical, organizational, economic, cultural, political, and professional factors. The Doctor of Philosophy (PhD) in Translational Health Sciences prepares graduates to address complex healthcare challenges by conceptualizing health systems broadly in terms of transitions between basic scientific discovery, clinical insights, implications for practice, implications for population health, and improved global health.

The PhD in Translational Health Sciences requires 52 credits beyond a master's degree, successful completion of two comprehensive examinations, a proposal defense, and a defended dissertation. The curriculum is blended, integrating didactic and facilitated learning activities from content delivered online and on campus (two weekends per semester for a total of 32 hours per semester) at the Virginia Science and Technology (VSTC) campus in Ashburn, VA.

REQUIREMENTS

**Required**

**Collaboration science courses**

- THS 8512  Cross-Disciplinary Principles and Analysis
- THS 8543  Knowledge Translation to Improve Healthcare
- THS 8551  Transformative Health Care Leadership

**Translational research courses**

- THS 8272  Integrating Qualitative and Quantitative Designs in Mixed Methods Research
- THS 8611  Foundations in Translational Research
- THS 8622  Advanced Study Design for Translational Research
- THS 8633  Advanced Statistical Methods for Clinical and Translational Research
- THS 8664  Bioethical Implications of Health Research

- One of the following methods-specific courses
  - CRA 6205  Clinical Investigation
  - HSCI 6265  Grantsmanship in Trans Res

**Dissertation courses**

- THS 8961  Proposal Defense Preparation
- THS 8971  Dissertation Seminar I
- THS 8982  Dissertation Seminar II
- THS 8993  Dissertation Seminar III

**Implementation science courses**

- THS 8274  Using Program Theory to Develop and Evaluate Health Intervention Programs
- THS 8723  Change Models for Quality Improvement
- THS 8751  Translational Research in Complex Health Systems
- THS 8764  Clinical Public Health

**Elective**

- 3 credits of independent study electives
  - HSCI 6297  Independent Study/Health Profess