



HCDE Doctoral Program - Course of Study

(student name)

(student signature)

(date)

(Adviser / committee chair)

(Adviser / committee chair signature)

(date)

(Co-adviser / committee chair)

(Co-adviser / committee chair signature)

(date)

Concentration name (≥12 credits): _____

Typically declared in preparation for the general exam.

I am completing _____ the research-oriented MS HCDE or _____ the practice-oriented MS HCDE.

Credits	Course Please include name (including topic of special topics)	Include in concentration?	Quarter & Year
6	Core foundation courses (required)		
2	HCDE 541 – Introduction to PhD Studies in HCDE	<i>n/a</i>	
4	HCDE 543 – Empirical Traditions	<i>n/a</i>	
≥ 12	Theory requirements		
4	HCDE 542 – Theoretical Foundations in HCDE	<i>n/a</i>	
≥ 12	Methods requirements		
≥4	Qualitative Research Methods Requirement Course(s):		
≥4	Quantitative Research Methods Requirement Course(s):		
≥10	Directed research groups (list title. Max of 18 credits may be applied toward degree)		
	HCDE 596:		
	HCDE 596:		
	HCDE 596:		
	Free electives		
≥27	Dissertation: HCDE 800, over at least three quarters		
		<i>n/a</i>	
		<i>n/a</i>	
		<i>n/a</i>	
		<i>n/a</i>	
≥90	Total credits required	≥12 concentration credits	

See next page for guidance.



HCDE PhD course of study guidance

- At most 10 credits of HCDE 599 and 18 credits of HCDE 596 may apply to your degree.
- HCDE 600 credits cannot apply to the Course of Study or in the Degree Audit Report (DARS).
- You must complete at least 27 credits of HCDE 800 (Dissertation) over three or more quarters.
- You must complete at least 90 credits (30 of which may be from a previous master's upon approval from the Graduate Program Coordinator)

Theory (≥12 credits)

Courses used to satisfy the theory requirement should support one or more of the following outcomes:

- Recognize the most prominent epistemological frameworks (e.g., cognitive theory, social psychology, semiotic theory, actor-network theory) that inform research in HCDE
- Understand the intellectual implications of those different frameworks for the processes and results of scholarly inquiry in HCDE
- Explain how theory motivates and supports the practices of knowledge-making
- Apply theory appropriately and productively to the framing or analysis of research issues in HCDE

Methods (≥12 credits)

Quantitative research methods requirement (≥4 credits):

HCDE 544 or coursework covering the relationship between theory and quantitative research, hypothesis testing, experimental and quasi-experimental designs, modes of observation, sampling, validity, and quantitative data analysis and interpretation.

Qualitative research methods requirement (≥4 credits):

HCDE 545 or coursework covering interpretive empirical traditions, methodologies, and research questions, research designs and methods for knowledge development, how to incorporate and build theory.

See HCDE PhD curriculum website for a current list of pre-approved substitutes as well as some courses that will not be approved for the qualitative and quantitative methods requirements.

Courses used to satisfy the remainder of the research methods requirement should support one or more of the following outcomes:

- Understand the many different research paradigms (e.g., experiments, ethnography, survey, qualitative, quantitative) that guide inquiry in our field
- Articulate and identify appropriate criteria, particularly strengths and limitations, of different methodologies for producing knowledge
- Formulate a question that is important for the field and for extending or critiquing theory
- Formulate a research design that is manageable and executable
- Articulate the practical and theoretical contributions that different methods can play in design research

Concentration (≥12 credits)

To customize the program to their goals and area of study, PhD students choose 12 or more credits of courses to make up a concentration related to the student's core research area. It is defined by the student and their adviser(s). Courses can be from HCDE or from outside the department and may overlap with advanced theory and methods courses. Foundations courses, including HCDE 544 and HCDE 545, may not be applied toward the concentration.

See the HCDE website for [further guidance on concentrations](#), including guidance about when courses from a prior master's, DRGs, or independent studies can apply.