



Clinical and Translational Science Graduate Student Orientation

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Slides by Dr. Hannah Knudsen



Overview

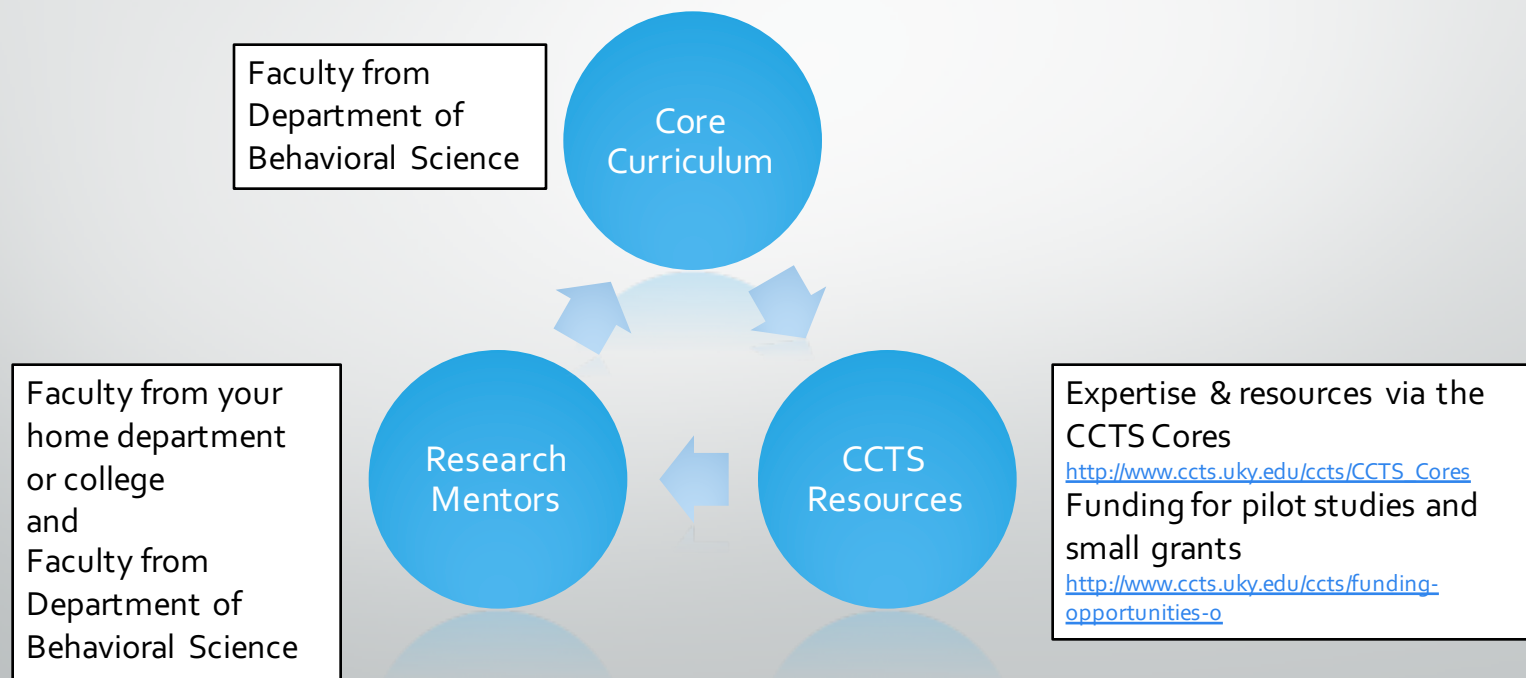
- Goals of the Graduate Programs in Clinical and Translational Science (CTS)
- Common elements across the 3 CTS programs (Certificate, MS, and PhD)
 - Core curriculum
 - Registration
- Differences in requirements for the 3 programs



Goals of the CTS Graduate Programs

- To facilitate professional development within the field of clinical and translational science
 - Knowledge about CTS methods, research ethics, biostatistics
 - Skills in research design, grant-writing, responsible conduct of research, and data analysis
- To enhance your competitiveness in seeking grant funding and developing a program of research

Reaching Those Goals



Core Curriculum of Six Courses

- BSC 731 Methods and Technologies in CTS (3 credits)
- BSC 732 Interdisciplinary Protocol Development (3 credits; BSC 731 is a prerequisite)
- BSC 733 Seminar in Clinical & Translational Science (1 credit)
- BSC 534 Ethics and Responsibility in Clinical Research (3 credits)
- BSC 625(772) Fundamentals of Biostatistics for Clinical and Translational Research (3 credits)
- BSC 790 Research in Medical Behavioral Science (≥ 1 credit)



Common Themes Across the Core Courses

- Student-centered—aim is to advance your research
- Interactive, discussion-based classes
- Readings and written assignments
 - Gain knowledge
 - Develop skills
- Emphasis on developing skills that you can apply to your research
 - Designing a study
 - Writing a grant application
 - Preparing a IRB application

BSC 790

Research in Medical Behavioral Science

- Mentored research experience
- Offered Spring, Summer, and Fall
 - Fall & Spring (16 weeks): 1 credit hour = 3 hours per week of independent study/research
 - Summer Session (12 weeks) : 1 credit hour = 4 hours of independent study/research per week
- Registration Information
 - Identify faculty member who agree to supervise your work
 - Meet with faculty member and discuss expectations
 - Once expectations established and agreed upon, email Dr. Claire Clark (claire.clark@uky.edu) for permission to register

Planning Your Core Coursework

- Sample of a One-Year Course Sequence

Semester 1:	BSC 731, BSC 625, BSC 733
Semester 2:	BSC 732, BSC 534, BSC 790

- Sample of a Two-Year Course Sequence

Semester 1:	BSC 731, BSC 733
Semester 2:	BSC 732
Semester 3:	BSC 534, BSC 790
Semester 4:	BSC 625

Registering For Courses

- Check Registrar's webpage about registration window
 - <http://www.uky.edu/registrar/how-to-register>
 - Please register early in the window to ensure you have access to courses
- Identify the course director via myUK Course Catalog
- Email course director
 - Include the CTS program you are in and request to register
- Forward course director approval to Sarah Treberg, who will give you permission to register
- Register for the course via myUK
 - Student Services -> Degree Planning and Registration (myUKGPS) -> Course Catalog to search for course -> Register for the course you have permission for



Registration Reminder

- Must register for at least 1 credit hour **every Fall and Spring semester** to remain in the program.
 - If unable to attend courses for a given semester, but actively engaged in research with mentor, you should register for a least one credit hour of BSC 790 (Research in Medical Behavioral Science).

Program Requirements

Certificate	MSMS	PhD
Core Curriculum (14 hrs)	Core Curriculum (14 hrs)	Core Curriculum (14 hrs)
Core completed: Email DGS to process Certificate.	<p>Select Plan A or Plan B:</p> <p>Plan A: Thesis, 6 credits of Master's Research + 10 credits of additional courses</p> <p>Plan B: Research paper plus 16 credits of additional courses</p>	4 additional credit hours
		Pass Qualifying Examination
		At least 2 semesters of BSC 767 while preparing dissertation
		Pass Final Examination (dissertation defense)
	<p>Note: Limit the number of BSC 790 credits to 10 or less. At least two-thirds of credits must be regular courses, and half of the credits (excluding thesis, practicum credits) must be from 600- or 700- level courses. All courses must be at the graduate level.</p>	<p>Note: The 4 additional credit hours can be through BSC 790 or other 600-/700-level courses. All courses must be at the graduate level.</p>

Master's Advisory Committee Requirements

- At least 3 members
- Primary mentor typically serves as chair of committee
- At least two faculty members (including chair) must be a part of UK's Graduate Faculty
 - 1 of 2 must be a full member of UK's Graduate Faculty
 - Graduate Faculty Status can be found at:
<https://ris.uky.edu/cfdocs/gs/dgsgradfac/>
- Meet at least once a year and communicate written results to DGS
- Administer the Final Examination

Questions?

- Director of Graduate Studies for Certificate and PhD: Dr. Claire Clark (claire.clark@uky.edu)
- Director of Graduate Studies for MSMS: Dr. Melinda Wilson (Melinda.Wilson@uky.edu)
- Curriculum Coordinator: Ms. Sarah Treberg (sarah.treberg@uky.edu)