

**Master of Science in Clinical & Translational Research
Clinical Research Professionals Track
Effective Fall 2019**

Course Number	Course Title	Credits	Required or Elective	Semester Offered
Core Courses - 11 credit hours				
BE-9064	Clinical Research Professionals Seminar	2	Required	Fall
BE-8069	Study Design & Analysis	2	Required	Fall*
BE-7066	Principles of Clinical Trials	3	Required	Fall
BE-8082	Research Methods for Human Population Studies	3	Required	Fall
BE-7081	Institutional Review Board (IRB) Process for Researchers	1	Required	Summer*
Research Ethics (choose one) - 1 credit hour			Required	
BE-7067	Scientific Integrity	1		Summer*
GNTD-7003	Ethics in Research	1		Spring
Project/Data Management (choose one) - 2 credit hours			Required	
BE-7033	Project Management & Evaluation	2		Spring
BE-7050	Clinical Data Management	2		TBD
Regulatory Affairs (choose one) - 2-3 credit hours			Required	
BE-7035	Preclinical Regulatory Overview	2		Fall
BE-7036	Clinical Research Regulatory Overview	3		Fall
Electives - 11-12 credit hours				
<i>Students may fulfill the remaining elective course credit hours by completing additional elective courses of choice, and/or a maximum of 6 credit hours of non-thesis research (ENV-8091). Elective courses outside of the department need to be approved by the Program Director.</i>				
Culmination (choose one) - 2 credit hours			Required	
ENV-7091	Master's Thesis Research	2		Fall/Spring/Summer
BE-7092	CRP Capstone Project	2		Fall/Spring/Summer
TOTAL CREDIT HOURS		30		
<i>*course is offered online</i>				
<ul style="list-style-type: none"> • 3.0 GPA (B average) or higher required for graduation. • "I" (Incomplete) or "NG" (Not Graded) grades must be removed from academic record prior to applying for graduation. • Students must take a minimum of one graduate credit that contributes to degree requirements per academic year (fall-summer) to maintain active status. • All requirements for the master's degree must be completed within five consecutive academic years of the date of matriculation into the program. 				

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Electives Effective Fall 2019**

*Any BE listed course or course listed on the curriculum but not used to fulfill one of the curriculum requirements can be used to count towards elective credit hours. The Table below lists other approved electives outside of the department.

Course Number	Course Title	Topics/Areas of Focus	Credits	Semesters
EDST 7045	Community-Based Participatory Research	Community-Engaged Research	3	Summer
EDST 8021	Action Research I	Community-Engaged Research	3	Fall
EDST 8022	Action Research II	Community-Engaged Research	3	Spring
HCA 7041	Evidence-Based Decision Making	Generalist	3	Fall
NDNP 8010	Finance and Economics of Healthcare	Generalist	3	Fall
PHDD 8010	Global Regulatory & Development Strategies of Drugs & Medical Devices	Clinical Trials	3	Fall
PHDD 8040	Development & Manufacturing of Drug Products & Medical Devices	Clinical Trials	3	Spring
PHDD 8080	Pharmaceutical Economics & Management	Generalist	3	Spring