

Graduate Certificate in Clinical & Translational Research
Effective Fall 2019

Course Number	Course Title	Credits	Required or Elective	Semester Offered
BE-7022	Introduction to Biostatistics	3	Required	Fall Spring/Summer*
BE-7076	Introduction to Epidemiology	2	Required	Fall/Spring Summer*
Research Ethics (choose one) - 1-2 credit hours			Required	
BE-7067	Scientific Integrity	1-2		Summer*
GNTD-7003	Ethics in Research	1		Spring
Electives - 3-4 credit hours				
TOTAL CREDIT HOURS		10		
<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 				

The CTR Graduate Certificate can be completed fully online during our summer semester, or stretched out over 2-3 semesters. Any BE listed course can be counted toward the elective requirement. Students also have the option of completing up to 2 credit hours of non-thesis research. Below is a list of our online course offerings.

Course Number	Course Title	Credits	Required or Elective	Semester Offered
BE-7081	Institutional Review Board (IRB) Process for Researchers	1	Elective	Summer*
BE-7011	Statistical Computation & Software	1	Elective	Summer/Fall*
BE-8076	Scientific Writing	2	Elective	Summer/Fall*
BE-8069	Study Design & Analysis	2	Elective	Fall 2019*
BE-7071	Quality Improvement & Patient Safety	1	Elective	Fall*
ENV-8091	Non-Thesis Research	1-2	Elective	Summer/Fall/Spring