

**Effective Spring 2022-Present**

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	3	Required	Fall/Spring Summer*
<b>Research Ethics (choose one) - 1-2 credit hours</b>			Required	
BE-7067	Scientific Integrity	1-2		Summer*
GNTD-7003	Ethics in Research	1		Spring
<b>Electives - 2-3 credit hours</b>				
<b>TOTAL CREDIT</b>		<b>10</b>		
<b>HOURS</b>				
<i>*course is offered online</i>				
<ul style="list-style-type: none"> <li>• 3.0 GPA (B average) or higher required for graduation.</li> <li>• "I" (Incomplete) or "NG" (Not Graded) grades must be removed from academic record prior to applying for graduation</li> </ul>				

*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-7011	Statistical Computation & Software	1	Elective	Fall*/Summer*
BE-7034	Data Collection and Storage with REDCap	1	Elective	Fall*
BE-7071	Quality Improvement & Patient Safety	1	Elective	Fall*
BE-7081	Institutional Review Board (IRB) Process for Researchers	1	Elective	Summer*
BE-8076	Successful Scientific Writing	2	Elective	Fall*/Summer*
BE-9064	Clinical Research Professionals Seminar	2	Elective	Fall*
BE-9066	Clinical Research Scholars Seminar	1	Elective	Spring*
ENV-8091	Non-Thesis Research	1-2	Elective	Summer/Fall/Spring

*\*course is offered online*