

# CLINICAL GENETICS AND GENOMICS (GRADUATE CERTIFICATE)

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The graduate certificate program in Clinical Genetics and Genomics is a four-course, twelve-credit, online graduate certificate program. The program provides foundational knowledge in clinical genetics and genomics and is designed for individuals who possess a bachelor's degree and who wish to enter the exciting and growing profession of clinical genetics. It is also designed for individuals already practicing in the health care field but are interested in gaining an academic foundation to improve work performance and/or enhance their professional advancement. Admission to the graduate program in Clinical Genetics and Genomics requires completion of an undergraduate degree in science, or related health and science fields. Completion of this certificate program does not qualify a student for eligibility to sit for the American Board of Genetic Counseling certification examination.

## Required Courses

Course	Title	Credits
ISG 5100	Foundations of Genetic and Genomic Medicine	3
ISG 5101	Principles of Human Embryology and Teratology	3
ISG 5102	Clinical Applications of Genetic and Genomic Technologies	3
ISG 5103	Theories and Methods of Clinical Genetics	3
<b>Total Credits</b>		<b>12</b>

Course substitutions may be made with prior approval from Program Director.