Genetic Counseling Graduate Program

Degree Requirements

Below is a table listing the courses in which the genetic counseling students enroll as a cohort.

Fall - Semester 1		
Course Number	**Course Name**	**Credits**
GC 5900	Introduction to Genetic Counseling	3
GC 5911	Molecular Genetics & Laboratory Techniques	3
GC 5914	Human Cytogenetics	3
GC 5919	Human Developmental Biology & Teratology	3
GC 5961	Research Methods in Genetic Counseling	3
	Total Semester Credits	**15**
Spring - Semester 2		
Course Number	**Course Name**	**Credits**
GC 5901	Fundamentals of Genetic Counseling: Reproductive and Pediatric Care	3
CED 5950	Counseling Skills	3
GC 5920	Medical Genetics 1	3
GC 5940	Cancer Genetics and Genetic Counseling	3
GC 5962	Advanced Research Methods in Genetic Counseling	3
GC 5931	Introductory Genetic Counseling Rotation	1
	Total Semester Credits	**16**
Summer – Semester 3		
Course Number	**Course Name**	**Credits**
GC 5971	Genetic Counseling Thesis 1	1
GC 5941	Genetic Counseling Clinical Rotation 1	3
GC 5942	Genetic Counseling Clinical Rotation 2	3
	Total Semester Credits	**7**
Fall – Semester 4		
Course Number	**Course Name**	**Credits**
GC 5902	Fundamentals of Genetic Counseling: Further Roles and Skills	3
CED 5980	Practicum in Counseling	3
GC 5922	Medical Genetics 2	3
GC 5918	Bioinformatics & Clinical Applications	2
GC 5972	Genetic Counseling Thesis 2	1
GC 5943	Genetic Counseling Clinical Rotation 3	2
GC 5944	Genetic Counseling Clinical Rotation 4	2
	Total Semester Credits	**16**

Spring – Semester 5		
Course Number	**Course Name**	**Credits**
GC 5903	Fundamentals of Genetic Counseling: Professional Development	3
GC 5930	Ethical Perspectives of Genetics	2
GC 5970	Translational Medicine	2
GC 5973	Genetic Counseling Thesis 3	1
GC 5945	Genetic Counseling Clinical Rotation 5	2
	Total Semester Credits	**10**
	Total Program Credits	**64**

Students also participate in extracurricular activities including case conferences, journal club, book club, advocacy group meetings and events, medical terminology education and local and national genetics conferences.