



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
CED 5910	Orientation to Professional Counseling	3
GC 5912	Molecular Genetics & Laboratory Techniques	2
GC 5915	Human Cytogenetics	2
GC 5919	Human Developmental Biology & Teratology	3
GC 5961	Research Methods in Genetic Counseling	3
	Total Semester Credits	16
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		65

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.