

Genetic Counseling MS Curriculum

Requirements 2023-2024 (66 credits)

Year One			
Fall (16 hours coursework)	Spring (13 hours coursework; 1 hour research)	Summer (4 hours coursework; 1 hour research; 4 hours clinical/lab rotation)	
Required Courses	Required Courses	Required Courses	
GENC 701 (2) Introduction to Genetic Counseling ARCH 703 (3) Helping Skills in Addiction & Human Services GENC 711 (3) Human Genetics for the Genetic Counselor GENC 713 (3) Prenatal Genetics GENC 721 (2) Embryology and Abnormal Fetal Development GENC 771 (1) Genetic Counseling Seminar GENC 791 (2) Introduction to Research	GENC 742 (3) Medical Genetics I GENC 718 (2) Clinical Genetic Testing in the 21st Century GENC 722 (3) Basic Concepts in Cancer Genetic Counseling GENC 714 (3) Psychosocial Impact of Genetic Disease GENC 772 (1) Genetic Counseling Seminar GENC 784 (1) Simulated Patient Experiences in Genetic Counseling GENC 792 (1) Research	GENC 716 (2) Genes, Environment, and the Developing Human I GENC 717 (2) Genes, Environment, and the Developing Human II GENC 761 (3) Clinical Rotation GENC 780 (1) Lab Rotation GENC 792 (1) Research	
Year Two			
Fall (7 hours coursework; 1 hour research; 6 hours clinical rotation)	Spring (6 hours coursework; 1 hour research; 6 hours clinical rotation)		
Required Courses	Required Courses		
GENC 705 (2) Professional Issues in Genetic Counseling	GENC 732 (2) Precision Medicine and the Future of Genomics		
GENC 725 (2) Ethics in Genetic Counseling	GENC 734 (2) Healthcare Delivery Systems/Public Health		
GENC 743 (2) Medical Genetics II	GENC 772 (1) Genetic Counseling Seminar		
GENC 771 (1) Genetic Counseling Seminar GENC 762 (3) Clinical Rotation II A GENC 763 (3) Clinical Rotation II B	GENC 764 (3) Clinical Rotation III A GENC 765 (3) Clinical Rotation III B		
GENC 793 (1) Research	GENC 784 (1) Simulated Patient Experiences in Genetic Counseling		
	GENC 792 (1) Research		
	Board Preparation (No Credit)		