

MS in Genetic Counseling

Courses and Activities Mapped to MS in Genetic Counseling Outcome Set

	Students will be given the Standards for Certification as students will have to pass a board exam to be a certified Genetic Counselor.			
	L.O. 1 Demonstrate expertise in genetics and genomic analysis	L.O. 2 Demonstrate interpersonal, psychosocial, and counseling skills.	L.O.3 Demonstrate ability to effectively educate and inform patients about genetic and genomic testing.	L.O. 4 Demonstrate ethical and professional judgment and practice.
Courses and Learning Activities				
BIO 506 Cell and Tissue Culture	I			
BIO 506 L Cell and Tissue Culture Lab	P			
BIO 561 Embryology	I			
BIO 561 L Embryology Lab	P			
BIO 581 Genome Science				
BIO 586 Human Genetics				
BIO 587 Bioinformatics	I			
BIO 609 Collecting and Analyzing Biological Data	I			
BIO 609 L Collecting and Analyzing Biological Data Lab	P			
BIO 681 Medical Genetics				

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BIO 687 Clinical Cytogenetics	I			
BIO 688 Diagnostic Genetics	I			
BIO 688 L Diagnostic Genetics Lab	P			
BIO 692 Research in Biology	R			
BIO 680 Seminar: Evolution and Genetics		I		
COUN 533 Techniques of Counseling		I		
COUN 666 Multicultural Counseling		I		
COUN 738 Ethics and Professional Practice		I		
PSY 566 Human Ontogeny		I		
BIO 689 Clinical Rotation				
PHII 525 Bioethics of Genome Science			R	R

Legend: I Introduced P Practiced R Reinforced

Last Modified: 06/26/2015 08:37:31 AM CST