

## Degree Requirements

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

<b>Fall - Semester 1</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>
STME 5900	Introduction to Genetic Counseling	3
CED 5910	Orientation to Professional Counseling	3
STME 5912	Molecular Genetics & Laboratory Techniques	2
STME 5915	Human Cytogenetics	2
STME 5919	Human Developmental Biology & Teratology	3
STME 5961	Research Methods in Genetic Counseling	3
	<b>Total Semester Credits</b>	<b>16</b>
<b>Spring - Semester 2</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>
STME 5901	Fundamentals of Genetic Counseling: Reproductive and Pediatric Care	3
CED 5950	Counseling Skills	3
STME 5920	Medical Genetics 1	3
STME 5940	Cancer Genetics and Genetic Counseling	3
STME 5962	Advanced Research Methods in Genetic Counseling	3
STME 5931	Introductory Genetic Counseling Rotation	1
	<b>Total Semester Credits</b>	<b>16</b>
<b>Summer – Semester 3</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>
STME 5971	Genetic Counseling Thesis 1	1
STME 5941	Genetic Counseling Clinical Rotation 1	3
STME 5942	Genetic Counseling Clinical Rotation 2	3
	<b>Total Semester Credits</b>	<b>7</b>
<b>Fall – Semester 4</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>
STME 5902	Fundamentals of Genetic Counseling: Further Roles and Skills	3
CED 5980	Practicum in Counseling	3
STME 5922	Medical Genetics 2	3
STME 5918	Bioinformatics & Clinical Applications	2
STME 5972	Genetic Counseling Thesis 2	1
STME 5943	Genetic Counseling Clinical Rotation 3	2
STME 5944	Genetic Counseling Clinical Rotation 4	2
	<b>Total Semester Credits</b>	<b>16</b>

<b>Spring – Semester 5</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credits</b>
STME 5903	Fundamentals of Genetic Counseling: Professional Development	3
STME 5930	Ethical Perspectives of Genetics	2
STME 5970	Translational Medicine	2
STME 5973	Genetic Counseling Thesis 3	1
STME 5945	Genetic Counseling Clinical Rotation 5	2
	<b>Total Semester Credits</b>	<b>10</b>
	<b>Total Program Credits</b>	<b>65</b>

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.