**GENETIC COUNSELING – Master of Science (MS)**

**RECOMMENDATIONS ONLY**

| Schools Referenced | Indiana State University - Terre Haute, IN  
|                   | University of Minnesota - Saint Paul, MN  
|                   | Northwestern University - Chicago, IL  
|                   | Wayne State University - Detroit, MI |

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<th>Notes</th>
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| ➢ Bachelor's degree in Biology, Biochemistry, Psychology, or related field.  
| ➢ A minimum cumulative GPA of 3.0 required to apply  
| ➢ Graduate Record Examination (GRE) is required, [https://www.ets.org/gre/](https://www.ets.org/gre/)  
| ➢ Counseling & advocacy experience strongly encouraged (paid or volunteer)  
| ➢ Research experience encouraged |

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<tr>
<th>Biology</th>
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| _____General Biology: Organismal Diversity--BIOL2051  
| _____General Biology: Cell Structure and Function--BIOL2052  
| _____Genetics--BIOL3140  
| _____Anatomy & Physiology I--BIOL3101  
| _____Anatomy & Physiology II--BIOL3102 |

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<tr>
<th>Chemistry</th>
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| _____General Chemistry I--CHEM1110  
| _____General Chemistry II--CHEM1120  
| _____Organic Chemistry I--CHEM2210  
| _____Organic Chemistry II--CHEM2220  
| _____Organic Chemistry Lab--CHEM2230  
| _____Biochemistry I--CHEM4510 |

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<th>Physics</th>
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| _____General Physics I--PHYSICS1511  
| _____General Physics II--PHYSICS1512 |

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<th>Math</th>
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| College level math such as:  
| _____Pre-calculus--MATH1140  
| OR Math for the Biological Sciences--MATH1120 & Trigonometry--MATH1130  
| OR _____Calculus I--MATH1420  
| OR _____Statistics--STAT1772 OR _____Biostatistics—BIOL4157 |

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<th>Social Science</th>
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| _____Introduction to Psychology--PSYCH1001  
| _____Introduction to Sociology—SOC1000 |

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<th>Suggested Electives</th>
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| _____Cell Biology--BIOL4128  
| _____Immunoology – BIOL4150  
| _____Genomics & Proteomics – BIOL4129  
| _____Recombinant DNA Techniques – BIOL4153  
| _____Neurobiology – BIOL4116  
| _____Biochemistry II – CHEM4520  
| _____Biochemistry Lab – CHEM4530  
| _____Clinical Psychology PSYCH2401  
| _____Health Psychology PSYCH3303 |

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<th>Experiential Component</th>
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| --Some type of client advocacy experience such as volunteer work in crisis counseling, peer counseling, domestic abuse, planned parenthood, etc.  
| --Research experience, Lab experience  
| --Exposure to chronic illness or disability, ie. Special Camps, EPI, CompSystems, Hospice  
| --Shadowing of a genetic counselor |

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Accredited Programs
www.gceducation.org

ALABAMA
University of Alabama at Birmingham

ARKANSAS
University of Arkansas Medical Sciences

CALIFORNIA
University of California, Irvine
California State University-Stanislaus (SF Bay Area)
Stanford University, Stanford

COLORADO
The University of Colorado Denver

GEORGIA
Emory University School of Medicine

ILLINOIS
Northwestern University Medical School

INDIANA
Indiana State University

MARYLAND
Johns Hopkins University/National Human Genome Research Institute
University of Maryland School of Medicine

MASSACHUSETTS
Boston University School of Medicine
Brandeis University

MICHIGAN
University of Michigan
Wane State University

MINNESOTA
University of Minnesota

NEW JERSEY
Rutgers University

NEW YORK
Long Island University-CW Post
Mt. Sinai School of Medicine
Sarah Lawrence College

NORTH CAROLINA
University of North Carolina at Greensboro

OHIO
Case Western Reserve University
Ohio State University
University of Cincinnati College of Medicine

OKLAHOMA
University of Oklahoma Health Sciences Center

OREGON
Oregon Health & Science University School of Dentistry

PENNSYLVANIA
Arcadia University
University of Pittsburgh

SOUTH CAROLINA
University of South Carolina

TEXAS
University of Texas Graduate School of Biomedical Sciences at Houston

UTAH
University of Utah

VIRGINIA
Virginia Commonwealth University

WISCONSIN
University of Wisconsin-Madison

Canada
University of British Colombia
University of Toronto
McGill University

Updated 05/25/2017