# 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

### Notes
- Bachelor’s degree in Biology, Biochemistry, Psychology, or related field.
- A minimum cumulative GPA of 3.0 required to apply. **2021 University of MN avg 3.5**
- 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

### Biology
- One General Biology: Organismal Diversity--BIOL2051
- One General Biology: Cell Structure and Function--BIOL2052
- One Genetics--BIOL3140
- One Anatomy & Physiology I--BIOL3101
- One Anatomy & Physiology II--BIOL3102

### Chemistry
- One General Chemistry I--CHEM1110
- One General Chemistry II--CHEM1120
- One Organic Chemistry I--CHEM2210
- One Organic Chemistry II--CHEM2220
- One Organic Chemistry Lab--CHEM2230
- One Biochemistry I--CHEM4510

### Physics
- One General Physics I--PHYSICS1511
- One General Physics II--PHYSICS1512

### Math
- College level math such as:
  - One Pre-calculus--MATH1140
  - OR Math for the Biological Sciences--MATH1120 & Trigonometry--MATH1130
  - OR One Calculus I--MATH1420
  - One Statistics--STAT1772 OR One Biostatistics—BIOL4157

### Social Science
- One Introduction to Psychology--PSYCH1001
- One Introduction to Sociology—SOC1000

### Suggested Electives
- One Cell Biology--BIOL4128
- One Immunology – BIOL4150
- One Recombinant DNA Techniques – BIOL4153
- One Neurobiology – BIOL4116
- One Biochemistry II – CHEM4520
- One Biochemistry Lab – CHEM4530
- One Undergraduate Research – BIOL 3190
- One Health Psychology PSYCH3303

### Experiential Component
- 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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**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

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