



College of
Health Professions

Advisor's Manual

Colleges Included:

Arkansas State University – Beebe
Arkansas State University – Jonesboro
College of the Ouachitas
Hendrix College
National Park College
Northwest Arkansas Community College
Ouachita Baptist University
Phillips Community College of the University of Arkansas
Pulaski Technical College
South Arkansas Community College
South Arkansas University
Southeast Arkansas College (SEARK)
Texarkana College
University of Arkansas at Fayetteville
University of Arkansas at Little Rock
University of Arkansas at Pine Bluff
University of Arkansas Community College at Morrilton
University of Central Arkansas

College of Health Professions
University of Arkansas for Medical Sciences
4301 West Markham St., Mail Slot #619
Little Rock, AR 72205
(501) 686-5730

<http://healthprofessions.uams.edu>

Revised: October 9, 2018

NOTICE

This document should be used as a guide and is **not** an all-inclusive list of the courses that may meet our prerequisite requirements. If you need assistance determining appropriate prerequisite courses from a school not in this guide, or if you have questions about other courses offered by the institutions in this guide, please contact the CHP Office of Admissions at CHPAdmissions@uams.edu or 501-686-5730. The information in this guide is based on the 2018-19 [CHP Catalog](#).

Arkansas State University - Beebe

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

<u>REQUIRED COURSEWORK</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1014	Principles of Biology (w/ laboratory)
Chemistry	CHEM 1014	General Chemistry I (w/ laboratory)
Psychology	PSY 2013	Introduction to Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	CHEM 1034	Introduction to Organic and Biochemistry
Statistics	MATH 2233	Applied Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
<u>RECOMMENDED COURSEWORK</u>		
Abnormal psychology	N/A	No Courses Offered
Research methods	N/A	No Courses Offered
Human anatomy	ZOOL 2004	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	ZOOL 2014	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	N/A
Child development	ECH 1103	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	HIA 1103	Medical Terminology
Technical or Scientific Writing	ENG 2033	Technical Writing and Communication

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Arkansas State University - Jonesboro

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

<u>REQUIRED COURSEWORK</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIO 1003/1001	Biological Science/Laboratory
Chemistry	CHEM 1013/1011	General Chemistry I/Laboratory
Psychology	PSY 2013	Introduction to Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIO 3013/3011	Genetics/Laboratory
Cell or Molecular Biology	BIO 4133/4131	Cell Biology/Laboratory
Biochemistry	CHEM 1052	Fundamental Concepts of Organic & Biochemistry
Statistics	STAT 3233	Applied Statistics I
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
<u>RECOMMENDED COURSEWORK</u>		
Abnormal psychology	PSY 4533	Abnormal Psychology
Research methods	Contact Program	Contact Program
Human anatomy	BIO 2203/2201	Human Anatomy and Physiology I/Laboratory
Human or vertebrate physiology	BIO 2223/2221	Human Anatomy and Physiology II/Laboratory
Human genetics	BIO 4213	Human Genetics
Child development	ECH 2023	Child Development
Medical terminology; Greek and Latin usage in English language	HP 2013	Medical Terminology
Technical or Scientific Writing	ENG 3043	Technical Writing

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- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

College of the Ouachitas

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

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REQUIRED COURSEWORK	COTO Course Code	COTO Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1124	Introduction to Biology (w/ laboratory)
Chemistry	CHEM 1214	General Chemistry I (w/ laboratory)
Psychology	PSYC 1113	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	GBUS 2023	Business Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2113	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Human genetics	N/A	No Courses Offered
Child development	ECDE 1123	Foundations of Early Childhood
Medical terminology; Greek and Latin usage in English language	MEDT 1153	Medical Terminology
Technical or Scientific Writing	N/A	No Courses Offered

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- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
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 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Hendrix College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	HC Course Code	HC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 220	General Zoology (w/ laboratory)
Chemistry	CHEM 110	Gen. Chemistry I: Sruct & Prop (w/ laboratory)
Psychology	PSYC 110	Introduction to Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 250	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 150	Cell Biology (w/ laboratory)
Biochemistry	CHEM 330	Biological Chemistry (w/ laboratory)
Statistics	MATH 215	Introductory Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 385	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 205	Anatomy & Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 215	Anatomy & Physiology II (w/ laboratory)
Human genetics	BIOL 470	Molecular Genetics (w/ laboratory)
Child development	PSYC 240	Childhood and Adolescence
Medical terminology; Greek and Latin usage in English language	N/A	No Courses Offered
Technical or Scientific Writing	N/A	No Courses Offered

A competitive applicant will possess:

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- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

National Park College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

<u>REQUIRED COURSEWORK</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1114	General Biology (w/ laboratory)
Chemistry	CHEM 1204	General Chemistry I (w/ laboratory)
Psychology	PSYC 1103	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 1293	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<u>RECOMMENDED COURSEWORK</u>		
Abnormal psychology	PSYC 2163	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Human genetics	N/A	No Courses Offered
Child development	EDUC 2023	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	ALH 1203	Medical Terminology
Technical or Scientific Writing	ENG 1133	Technical Report Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Northwest Arkansas Community College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	NWACC Course Code	NWACC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1544	Principles of Biology I (w/ laboratory)
Chemistry	CHEM 1104	College Chemistry I (w/ laboratory)
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 2324	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 2534	Cell Biology (w/ laboratory)
Biochemistry	N/A	No Courses Offered
Statistics	CISQ 2013	Business Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2043	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2214	Anatomy and Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 2224	Anatomy and Physiology II (w/ laboratory)
Human genetics	N/A	No Courses Offered
Child development	CHED 2033	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	AHSC 1403	Medical Terminology for Health Sciences
Technical or Scientific Writing	ENGL 2013	Technical Writing

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- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Ouachita Baptist University

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor's degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of "C" or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	OBU Course Code	OBU Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1014	General Biology I (w/ laboratory)
Chemistry	CHEM 1004	General Chemistry I (w/ laboratory)
Psychology	PSYC 1013	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 4054	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 4064	Cell and Molecular Biology
Biochemistry	CHEM 4023	Biochemistry I
Statistics	MATH 2063	Elementary Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 3093	Abnormal Psychology
Research methods	PSYC 2063	Research Methods I
Human anatomy	BIOL 2014	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	BIOL 2024	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	EDFN 2053	Child and Adolescent Development
Medical terminology; Greek and Latin usage in English language	NSCI 4002	Medical Terminology
Technical or Scientific Writing	N/A	No Courses Offered

A competitive applicant will possess:

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- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Philander Smith College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	PSC Course Code	PSC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIO 114	General Biology I (w/ laboratory)
Chemistry	CHM 134	College Chemistry I (w/ laboratory)
Psychology	PSYC 103	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIO 204	Genetics (w/ laboratory)
Cell or Molecular Biology	BIO 304	Cell Biology (w/ laboratory)
Biochemistry	CHM 404	Biochemistry (w/ laboratory)
Statistics	MTH 333	Probability and Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 323	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIO 234	Anatomy and Physiology (w/ laboratory)
Human or vertebrate physiology	BIO 444	Human Physiology (w/ laboratory)
Human genetics	N/A	No Courses Offered
Child development	EDUC 343	Child Development
Medical terminology; Greek and Latin usage in English language	HSAD 223	Healthcare Terminology
Technical or Scientific Writing	ENGL 363	Technical Writing

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 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Phillips Community College of the University of Arkansas

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor's degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of "C" or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	PCC Course Code	PCC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BY 114	General Biology I (w/ laboratory)
Chemistry	CY 114	General Chemistry I (w/ laboratory)
Psychology	PSY 213	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	CY 204	Chemistry II for Health Sciences: Intro to Organic and Biochemistry
Statistics	MS 253	Math Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSY 243	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BY 154	Anatomy and Physiology I (w/ laboratory)
Human or vertebrate physiology	BY 164	Anatomy and Physiology II (w/ laboratory)
Human genetics	N/A	No Courses Offered
Child development	ECD 1103	Child Development
Medical terminology; Greek and Latin usage in English language	OT 113	Medical Terminology I
Technical or Scientific Writing	EH 273	Technical Writing

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 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
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 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

South Arkansas Community College

Genetic Counseling – M.S. – Master of Science Degree

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REQUIRED COURSEWORK	SACC Course Code	SACC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1004/L	Fundamentals of Biology/Lab
Chemistry	CHEM 1024/L	Chemistry I for Science Majors/Lab
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 2103	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2203	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2064/L	Human Anatomy & Physiology I/Lab
Human or vertebrate physiology	BIOL 2074/L	Human Anatomy & Physiology II/Lab
Human genetics	N/A	No Courses Offered
Child development	N/A	No Courses Offered
Medical terminology; Greek and Latin usage in English language	HCIT 1003	Medical Terminology
Technical or Scientific Writing	ENGL 2043	Technical Writing for Industry

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 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
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 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Southern Arkansas University

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

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<u>REQUIRED COURSEWORK</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1103/1101	University Biology I/Lab
Chemistry	CHEM 1013/1011	College Chemistry I/Lab
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 3033/3031	Genetics/Lab
Cell or Molecular Biology	BIOL 3043	Cell Biology
Biochemistry	CHEM 3073/3071	Biochemistry I/Lab
Statistics	MATH 3043	Introduction to Applied Probability and Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<u>RECOMMENDED COURSEWORK</u>		
Abnormal psychology	PSYC 4033	Abnormal Psychology
Research methods	PSYC 3153	Research Methods
Human anatomy	BIOL 2063/2061	Anatomy & Physiology I/Lab
Human or vertebrate physiology	BIOL 2073/2071	Anatomy & Physiology II/Lab
Human genetics	BIOL 3903/3901	Human Genetics/Lab
Child development	E ED 2003	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	BIOL 3403	Medical Terminology
Technical or Scientific Writing	ENGL 3003	Advanced Professional Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Southeast Arkansas College (SEARK)

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	SEARK Course Code	SEARK Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1464	Principles of Biology (w/ laboratory)
Chemistry	CHEM 1434	General Chemistry I (w/ laboratory)
Psychology	PSYC 2303	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 2373	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2313	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2454	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	BIOL 2464	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	EDUC 2333	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	HEAL 1113	Medical Terminology
Technical or Scientific Writing	ENGL 2383	Technical Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

Texarkana College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	TXC Course Code	TXC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1306/1106	Biology for Science Majors I/laboratory
Chemistry	CHEM 1411	General Chemistry I (w/ laboratory)
Psychology	PSYC 2301	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 1442	Elementary Statistical Methods
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2331	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2301/2101	Anatomy & Physiology I/laboratory
Human or vertebrate physiology	BIOL 2302/2102	Anatomy & Physiology II/laboratory
Human genetics	N/A	No Courses Offered
Child development	CDEC 1317/2322/2324	Child Development Associate Training I/II/III
Medical terminology; Greek and Latin usage in English language	MDCA 1213	Medical Terminology
Technical or Scientific Writing	ENGL 2311A	Technical & Business Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Arkansas - Fayetteville

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	UA Course Code	UA Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1543/1541L	Principles of Biology/Laboratory
Chemistry	CHEM 1103/1101L	University Chemistry I/Laboratory
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 2323/2321L	General Genetics/Laboratory
Cell or Molecular Biology	BIOL 2533/2531L	Cell Biology/Laboratory
Biochemistry	CHEM 3813	Elements of Biochemistry
Statistics	STAT 2303	Principles of Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 3023	Abnormal Psychology
Research methods	ESRM 5013	Research Methods in Education
Human anatomy	BIOL 2443/2441L	Human Anatomy/Laboratory
Human or vertebrate physiology	BIOL 2213/2211L	Human Physiology/Laboratory
Human genetics	N/A	No Courses Offered
Child development	HDFS 2433	Child Development
Medical terminology; Greek and Latin usage in English language	PBHL 2663	Terminology for the Health Professions
Technical or Scientific Writing	ENGL 3053	Technical and Report Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Arkansas at Little Rock

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	UALR Course Code	UALR Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1401	Science of Biology (w/ laboratory)
Chemistry	CHEM 1402	General Chemistry I (w/ laboratory)
Psychology	PSYC 2300	Psychology and the Human Experience
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 3300/3100	Genetics/Laboratory
Cell or Molecular Biology	BIOL 4401	Cell Biology (w/ laboratory)
Biochemistry	CHEM 4320/4120	Biochemistry I/Laboratory
Statistics	STAT 2350	Introduction to Statistical Methods
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 3360	Abnormal Psychology
Research methods	PSYC 3341	Research Methods I
Human anatomy	BIOL 1411	Intro to Human Anatomy & Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 1412	Intro to Human Anatomy & Physiology II (w/ laboratory)
Human genetics	BIOL 3313	Human Genetics
Child development	ELEM 2302	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	NURS 1301	Medical Terminology for Nursing
Technical or Scientific Writing	RHET 3322	Intro to Professional and Technical Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Arkansas at Pine Bluff

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	UAPB Course Code	UAPB Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1450	Biological Science (w/ laboratory)
Chemistry	CHEM 1430	General Chemistry I (w/ laboratory)
Psychology	PSYC 2300	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 3440	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 3480	Cell Biology (w/ laboratory)
Biochemistry	CHEM 3313/3113	Biochemistry I/Laboratory
Statistics	MATH 2370	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 3303	Abnormal Psychology
Research methods	HUSC 4399	Human Sciences Research
Human anatomy	BIOL 2451	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	BIOL 2452	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	ECE 3301	Child Development
Medical terminology; Greek and Latin usage in English language	N/A	No Courses Offered
Technical or Scientific Writing	ENGL 3350	Technical Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Arkansas - Pulaski Technical College

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor's degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of "C" or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	PTC Course Code	PTC Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1401	Biological Science (w/ laboratory)
Chemistry	CHEM 1405	General Chemistry I
Psychology	PSYC 2300	Psychology and the Human Experience
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 2320	Introduction to Statistics and Probability
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 2330	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 1402	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	BIOL 1403	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	ECD 1103	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	MET 1103	Medical Terminology
Technical or Scientific Writing	N/A	No Courses Offered

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Arkansas Community College at Morrilton

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	UACCM Course Code	UACCM Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1004	Fundamentals of Biology (w/ laboratory)
Chemistry	CHEM 2123/2121L	General College Chemistry I/Laboratory
Psychology	PSY 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	CHEM 2204	Intro to Organic and Biochemistry
Statistics	MATH 2003	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSY 2013	Abnormal Psychology
Research methods	N/A	No Courses Offered
Human anatomy	BIOL 2004	Human Anatomy & Physiology I (w/ lab)
Human or vertebrate physiology	BIOL 2014	Human Anatomy & Physiology II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	ECD 1403	Child Development and Developmental Theories
Medical terminology; Greek and Latin usage in English language	HLSC 1003	Medical Terminology
Technical or Scientific Writing	ENG 2023	Technical Communications

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.

University of Central Arkansas

Genetic Counseling – M.S. – Master of Science Degree

PREREQUISITES

Applicants must have earned a bachelor’s degree from a regionally accredited college or university or equivalent. Preferred degrees are in biology, genetics, chemistry, and/or psychology, nursing, or related fields. All listed courses must have been completed at a regionally accredited post-secondary academic institution and must fulfill all college requirements regarding acceptance of transfer credit. Applicant must earn a grade of “C” or better in all required undergraduate level coursework.

REQUIRED COURSEWORK	UCA Course Code	UCA Course Name
A minimum of two quarters or one semester in <u>each</u> of the following subject areas:		
Biology	BIOL 1440	Principles of Biology I (w/ laboratory)
Chemistry	CHEM 1450	College Chemistry I (w/ laboratory)
Psychology	PSYC 1300	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 2490	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 3402	Cell Biology (w/ laboratory)
Biochemistry	CHEM 4320/4121	Biochemistry I/Laboratory
Statistics	MATH 2311	Elementary Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
RECOMMENDED COURSEWORK		
Abnormal psychology	PSYC 4320	Abnormal Psychology
Research methods	ENGL 3105	Research Methods Workshop
Human anatomy	BIOL 2406	Structure & Function of the Human Body I (w/ lab)
Human or vertebrate physiology	BIOL 2407	Structure & Function of the Human Body II (w/ lab)
Human genetics	N/A	No Courses Offered
Child development	ELSE 3301	Development and Learning Theories
Medical terminology; Greek and Latin usage in English language	H SC 3123	Medical Terminology
Technical or Scientific Writing	WRTG 3310	Technical Writing

A competitive applicant will possess:

- An understanding of the profession obtained through, but not limited to: internship, job shadowing, reading, and interviewing genetics counselors.
- Training and experience (paid or volunteer) in counseling (examples given are not all-inclusive. If you have questions about a setting, population, or your role, contact the program):
 1. Crisis Counseling: crisis/suicide hotline, domestic violence center, advocate for victims of sexual violence, crisis pregnancy center, resource and referral service;
 2. Peer counseling: resident assistant, camp counselor, etc...;
- Training and experience (paid or volunteer) in one of more of the following three areas (again, examples given are not all-inclusive. Contact the program if you have questions.)
 1. Direct client/patient care: center or program for people with genetic disorders, disabilities, mental illness or behavioral problems and medically fragile in outreach, community, treatment, rehabilitation, or chronic care facilities;
 2. Educating: children to adult students, special needs populations, community groups; and
 3. Advocating: patient advocate in a hospital or community program, non-profit agencies or state programs serving individuals and/or families with genetic disorders, disabilities, or chronic medical conditions.

Special considerations: Qualified applicants who are also Arkansas residents will be given priority.