

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
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(501) 686-5730

http://healthprofessions.uams.edu

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NOTICE

This document should be used as a guide and is <u>not</u> 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 <u>CHPAdmissions@uams.edu</u> or 501-686-5730. The information in this guide is based on the 2019-20 <u>UAMS Catalog</u>.

In addition to the programs listed in this guide, the UAMS College of Health Professions also offers the graduate-level programs listed below, which do not necessarily have specific prerequisite courses to list here. For more information about the admissions requirements for these programs, please visit our website at https://healthprofessions.uams.edu, or contact the CHP Office of Admissions at CHPAdmissions@uams.edu or 501-686-5730.

- Audiology Doctor of Audiology (Au.D.)
- Communication Sciences & Disorders Master of Science (M.S.)
- Dietetic Internship Post-Baccalaureate Certificate



ARKANSAS STATE UNIVERSITY BIE BIE BE

BEEBE • HEBER SPRINGS • LRAFB • SEARCY

Arkansas State University-Beebe

1000 W Iowa St.

Beebe, AR 72012

(501) 882-3600

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|---------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1203 | Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| | | BIOL 1024 | Ecology (w/ laboratory) |
| | | BIOL 2014 | Microbiology (w/ laboratory) |
| | | ZOOL 1204 | Principles of Zoology (w/ laboratory) |
| | | 7001 2004 | Human Anatomy and Physiology I (w/ |
| | | ZOOL 2004 | laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/ |
| | | 2001 2014 | laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| | | CHEM 1024 | General Chemistry II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States since 1876 |

| | | POSC 2103 | Introduction to United States Government |
|-----------------------|-----------|-----------|--|
| Social Sciences | | | |
| Other Social Sciences | 6 | GEOG 2603 | World Regional Geography |
| | | GEOG 2613 | Introduction to Geography |
| | | SOC 2213 | Principles of Sociology |
| | | PSY 2013 | Introduction to Psychology |
| | | ECON 1303 | Introduction to Economics |
| | | ECON 2313 | Principles of Macroeconomics |
| | | ECON 2323 | Principles of Microeconomics |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1203 | Oral Communications |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| course is also acceptable.) | · | | |
| | | ZOOL 1204 | Principles of Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2014 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs not required) | 6 | ZOOL 2004 | Human Anatomy and Physiology I (w/ laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
|---|----|-----------|-------------------------------|
| | | HIST 2773 | The United States since 1876 |
| | | POSC 2103 | Introduction to United States |
| | | PO3C 2103 | Government |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Principles of Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1203 | Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 1014 | Applied Physics for Health Sciences |
| | | PHYS 2054 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Sociology | | | |

| Introduction to Sociology | 3 | SOC 2213 | Principles of Sociology |
|---|----------|-----------|--|
| History | | | |
| American History or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States since 1876 |
| | | POSC 2103 | Introduction to United States Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1013 | World Civilization to 1660 |
| | | HIST 1023 | World Civilization since 1660 |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CIS 1503 | Microcomputer Applications I |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | ASU Course Code | ASU Course Name |
|---|-----------------|--|
| 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 | N/A | No Courses Offered |
| genetics) | | |
| 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 |
| RECOMMENDED COURSEWORK | | |
| 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|-------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1203 | Oral Communications |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States since 1876 |
| | | POSC 2103 | Introduction to United States |
| | | 1 030 2103 | Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, | 6 | GEOG 2603 | World Regional Geography |
| Geography, or Economics] | - | | |
| | | GEOG 2613 | Introduction to Geography |
| | | SOC 2213 | Principles of Sociology |
| | | PSY 2013 | Introduction to Psychology |
| | | ECON 1303 | Introduction to Economics |
| | | ECON 2313 | Principles of Macroeconomics |
| | | ECON 2323 | Principles of Microeconomics |
| | | | |

| ELECTIVES | <u>11</u> | | |
|--|---------------|-----------|--|
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enr program but prior to graduation. | olling in the | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| Microbiology with laboratory | 4 | BIOL 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| | | CHEM 1024 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 2104 | Organic Chemistry I |
| | | BIOL 1024 | Ecology (w/ laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| | | ZOOL 1204 | Principles of Zoology (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1023 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2233 | Applied Statistics |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1203 | Oral Communications |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | ZOOL 2004 | Human Anatomy and Physiology I (w/ laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| | | BIOL 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2054 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |

| | | HIST 2773 | The United States since 1876 |
|--|----|------------|-------------------------------|
| | | DOCC 24.02 | Introduction to United States |
| | | POSC 2103 | Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | GEOG 2603 | World Regional Geography |
| | | GEOG 2613 | Introduction to Geography |
| | | SOC 2213 | Principles of Sociology |
| | | PSY 2013 | Introduction to Psychology |
| | | ECON 1303 | Introduction to Economics |
| | | ECON 2313 | Principles of Macroeconomics |
| | | ECON 2323 | Principles of Microeconomics |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1203 | Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |

| | | HIST 2773 | The United States since 1876 |
|---------------------------|----|-----------|-------------------------------------|
| | | POSC 2103 | Introduction to United States |
| | | POSC 2105 | Government |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Principles of Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| - General and specialized courses | | BIOL 1024 | Ecology (w/ laboratory) |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 2014 | Microbiology (w/ laboratory) |
| Neuroscience | | | |
| | | ZOOL 1204 | Principles of Zoology (w/ laboratory) |
| Chemistry | 6 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1024 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 2054 | General Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 2064 | General Physics II (w/ laboratory) |
| Recommended: light, heat, sounds, electricity and mechanics | | PHYS 2074 | University Physics I (w/ laboratory) |
| | | PHYS 2084 | University Physics II (w/ laboratory) |
| Statistics | 3 | MATH 2233 | Applied Statistics |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSY 2013 | Introduction to Psychology |
| - General and specialized courses. | | N/A | No Other Psychology Courses Offered |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1014 | Principles of Biology (w/ laboratory) |
| | | ZOOL 1204 | Principles of Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| Human Physiology with Laboratory | 4 | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2014 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| | | CHEM 1024 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 2104 | Organic Chemistry I |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Biostatistics or Statistics | 3 | MATH 2233 | Applied Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1203 | Oral Communications |
| | | | |
| MATHEMATICS | _ | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | _ | | |
| Fine Arts | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts Files |
| Humanities (including Philosophy, Political Science, | | THEA 2513 | Fine Arts-Film |
| Literature, or Humanities) | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States since 1876 |
| | | POSC 2103 | Introduction to United States Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Principles of Sociology |

| Psychology | | | |
|--------------------|----|----------|----------------------------|
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Freshman English I |
| | | ENG 1013 | Freshman English II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1203 | Oral Communications |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Applied Statistics (or equivalent course in research | 3 | MATH 2233 | Applied Statistics |
| methodology) | 3 | IVIATH 2255 | Applied Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | ZOOL 2004 | Human Anatomy and Physiology I (w/laboratory) |
| | | ZOOL 2014 | Human Anatomy and Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1014 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 2503 | Fine Arts-Visual |
| | | MUS 2503 | Fine Arts-Musical |
| | | THEA 2503 | Fine Arts-Theatre |
| | | THEA 2513 | Fine Arts-Film |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | HUM 2003 | Introduction to Humanities I |
| | | HUM 2013 | Introduction to Humanities II |
| | | PHIL 1103 | Introduction to Philosophy |
| | | PHIL 2003 | Applied Ethics |
| | | ENG 2003 | World Literature I |
| | | ENG 2013 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States since 1876 |

| | | POSC 2103 | Introduction to United States Government |
|---------------------------|----|-----------|--|
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Principles of Sociology |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | HIA 1103 | Medical Terminology I |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Arkansas State University-Jonesboro 2105 Aggie Rd. Jonesboro, AR 72401 (870) 972-2100

Arkansas State University - Jonesboro

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I and |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMS 1203 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1003/1001 | Biological Science/Laboratory |
| - | | BIOL 2013/2011 | Biology of the Cell/Laboratory |
| | | | Microbiology for Nursing & Allied |
| | | BIOL 2103/2101 | Health/Laboratory |
| | | DIOL 2202/2204 | Human Anatomy & Physiology |
| | | BIOL 2203/2201 | I/Laboratory |
| | | BIOL 2223/2221 | Human Anatomy & Physiology |
| | | BIOL 2223/2221 | II/Laboratory |
| | | BIOL 3013/3011 | Genetics/Laboratory |
| | | BIOL 4104 | Microbiology (includes Laboratory) |
| | | BIOL 4133/4131 | Cell Biology/Laboratory |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1013/1011 | General Chemistry I/Laboratory and |
| | | CHEM 1023/1021 | General Chemistry II/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States Since 1876 |
| | | POSC 2103 | Introduction to U.S. Government |
| Social Sciences | | | |

| Other Social Sciences | 6 | ANTH 2233 | Introduction to Cultural Anthropology |
|-----------------------|-----------|-----------|---------------------------------------|
| | | ECON 2333 | Economic Issues and Concepts |
| | | ECON 2313 | Principles of Macroeconomics |
| | | GEOG 2613 | Introduction to Geography |
| | | PSY 2013 | Introduction to Psychology |
| | | SOC 2213 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Arkansas State University - Jonesboro

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I <u>and</u> |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMS 1203 | Oral Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1013/1011 | General Chemistry I/Laboratory <u>or</u> |
| | | CHEM 1043/1041 | Fundamental Concepts of |
| | | CHEW 1043/1041 | Chemistry/Laboratory |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1303/1301 | Biology of Animals/Laboratory <u>or</u> |
| course is also acceptable.) | · | , | |
| | | BIOL 2013/2011 | Biology of the Cell/Laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 4104 | Microbiology (includes Laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2203 | Human Anatomy & Physiology I |
| not required) | | | |
| | | BIOL 2223 | Human Anatomy & Physiology II |
| | | | |
| Music, Art, Theater | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| SOCIAL SCIENCES | | | |
| | | | |
| History History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| riistory of the officed states of National Government | 3 | HIST 2763 | The United States to 1876 The United States Since 1876 |
| | | | Introduction to U.S. Government |
| Pershalogy | | POSC 2103 | introduction to 0.5. Government |
| Psychology | | | |

| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
|---------------------------|----------|----------|----------------------------|
| Sociology | | | |
| Introduction to Sociology | <u>3</u> | SOC 2213 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Arkansas State University - Jonesboro

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I and |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMS 1203 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory <u>and</u> |
| | | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 2034 | University Physics I <u>or</u> |
| | | PHYS 2054 | General Physics I <u>or</u> |
| | | PHYS 2073 | Fundamental Physics |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Introduction to Sociology |
| History | | | |
| American History or National Government | 3 | HIST 2763 | The United States to 1876 |

| | | HIST 2773 | The United States Since 1876 |
|---|----------|-----------|---------------------------------------|
| | | POSC 2103 | Introduction to U.S. Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1013 | World Civilization to 1660 <u>and</u> |
| | | HIST 1023 | World Civilization Since 1660 |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CS 1013 | Introduction to Computers |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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.

| REQUIRED COURSEWORK | ASU Course Code | ASU Course Name |
|--|-----------------|--|
| A minimum of two quarters or one semester in each 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 |
| | CHEM 1052 | Fundamental Concepts of Organic & |
| Biochemistry | | Biochemistry |
| Statistics | STAT 3233 | Applied Statistics I |
| Laboratory Course (Biology, Chemistry or Biochemistry) | See Above | See Above |
| RECOMMENDED COURSEWORK | | |
| 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 |

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

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|---------------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I <u>and</u> |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMS 1203 | Oral Communication |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States Since 1876 |
| | | POSC 2103 | Introduction to U.S. Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 2233 | Introduction to Cultural Anthropology |
| ecconomical and a second secon | | ECON 2333 | Economic Issues and Concepts |
| | | ECON 2313 | Principles of Macroeconomics |
| | | GEOG 2613 | Introduction to Geography |
| | | PSY 2013 | Introduction to Psychology |
| | | SOC 2213 | Introduction to Sociology |
| ELECTIVES ² | 11 | | |
| | | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enro | lolling in the | | |
| program but prior to graduation. | | | |

| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
|--|-----------|----------------|--|
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1003/1001 | Biological Science/Laboratory |
| Anatomy & Physiology with laboratory | 4 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory |
| Microbiology with laboratory | 4 | BIOL 4104 | Microbiology (includes Laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1013/1011 | General Chemistry I/Laboratory and |
| | | CHEM 1023/1021 | General Chemistry II/Laboratory |
| SCIENCE ELECTIVES ² | 8 | CHEM 3103/3101 | Organic Chemistry I/Laboratory |
| | | BIOL 2013/2011 | Biology of the Cell/Laboratory |
| | | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| | | BIOL 4133/4131 | Cell Biology/Laboratory |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1023 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | PSY 3103 | Quantitative Methods for Behavioral Sciences |
| | | | |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I and |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMS 1203 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory and |
| | | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1003/1001 | Biological Science/Laboratory |
| | | BIOL 4104 | Microbiology (includes Laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1013/1011 | General Chemistry I/Laboratory |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2073/2071 | Fundamental Physics/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUS 2503 | Fine Arts – Musical |
| Art, Music of Theater | 3 | ART 2503 | Fine Arts – Wusical |
| | | THEA 2503 | Fine Arts - Visual |
| Humanities | | TITLA 2303 | Tille Arts - Meater |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| Timosophy, Fontical science, Electature, or Humanities | 3 | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature to 1000 World Literature Since 1660 |
| | | LING 2013 | WORLD EITERATURE SHILE 1000 |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States Since 1876 |
| | | POSC 2103 | Introduction to U.S. Government |
| Social Sciences | | | |

| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 2233 | Introduction to Cultural Anthropology |
|--|----|-----------|---------------------------------------|
| | | ECON 2333 | Economic Issues and Concepts |
| | | ECON 2313 | Principles of Macroeconomics |
| | | GEOG 2613 | Introduction to Geography |
| | | PSY 2013 | Introduction to Psychology |
| | | SOC 2213 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | _ |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|------------------------|------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I <u>and</u> |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMS 1203 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1003/1001 | Biological Science/Laboratory |
| Anatomy & Physiology I & II with laboratory that covers | 0 | DIOL 2202/2204 | Human Anatomy & Physiology |
| all body systems ² | 8 | BIOL 2203/2201 | I/Laboratory <u>and</u> |
| | | BIOL 2223/2221 | Human Anatomy & Physiology |
| | | BIOL 2223/2221 | II/Laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 4104 | Microbiology (includes Laboratory) |
| | | BIOL 2103/2101 | Microbiology for Nursing & Allied |
| | | BIOL 2103/2101 | Health/Laboratory |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1013/1011 | General Chemistry I/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | | LUCT 2762 | The United States to 1876 |
| | 3 | HIST 2763 | The Officed States to 1670 |
| | 3 | HIST 2763 HIST 2773 | The United States Since 1876 |
| | 3 | | |

| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
|---------------------------|----|----------|-------------------------------------|
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2213 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1003/1001 | Biological Science/Laboratory |
| - General and specialized courses | | BIOL 2013/2011 | Biology of the Cell/Laboratory |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 3013/3011 | Genetics/Laboratory |
| Neuroscience | | | |
| | | BIOL 4104 | Microbiology (includes Laboratory) |
| | _ | BIOL 4133/4131 | Cell Biology/Laboratory |
| Chemistry | 6 | CHEM 1013/1011 | General Chemistry I/Laboratory |
| - Two semesters of general or specialized chemistry | | CHEM 1023/1021 | General Chemistry II/Laboratory |
| | | CHEM 3103/3101 | Organic Chemistry I/Laboratory |
| Physics | 6 | PHYS 2054 | General Physics I |
| - Two semesters of general physics | | PHYS 2064 | General Physics II |
| Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | STAT 3233 | Applied Statistics I |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | PSY 3103 | Quantitative Methods for Behavioral Sciences |
| Psychology | 6 | PSY 2013 | Introduction to Psychology |
| - General and specialized courses. | | PSY 4533 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging | | | |
| Psychology of Aging. TOTAL | 33 | | |
| IUIAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|---|-----------------|-----------------|-------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1303/1301 | Biology of Animals/Laboratory |
| | | BIOL 2013/2011 | Biology of the Cell/Laboratory |
| | | BIOL 4133/4131 | Cell Biology/Laboratory |
| Human Anatomy with Laboratory** | 4 | BIOL 2203/2201 | Human Anatomy & Physiology |
| Human Anatomy with Laboratory | 4 | BIOL 2203/2201 | I/Laboratory <u>or</u> |
| | | BIOL 3223/3221 | Human Structure and Function |
| | | DIOL 3223/3221 | I/Laboratory |
| Human Physiology with Laboratory | 4 | BIOL 2223/2221 | Human Anatomy & Physiology |
| Trainant Hysiology With Educationy | · | 5.01 2223, 2221 | II/Laboratory <u>or</u> |
| | | BIOL 3233/3231 | Human Structure and Function |
| | | | II/Laboratory |
| Microbiology with Laboratory | 4 | BIOL 4104 | Microbiology (includes Laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 3013/3011 | Genetics/Laboratory |
| General Chemistry I and II with Laboratory | 8 | CHEM 1013/1011 | General Chemistry I/Laboratory and |
| | | CHEM 1023/1021 | General Chemistry II/Laboratory |
| Organic Chemistry I with Laboratory | 4 | CHEM 3103/3101 | Organic Chemistry I/Laboratory |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| Biostatistics or Statistics | <u>3</u> | STAT 3233 | Applied Statistics I |
| | | PSY 3103 | Quantitative Methods for Behavioral |
| | | k31 3103 | Sciences |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I <u>and</u> |
| | | ENG 1013 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMS 1203 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory <u>and</u> |
| | | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1103 | Introduction to Philosophy |
| | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| | | | |
| SOCIAL SCIENCES | | | |
| History | _ | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States Since 1876 |
| Castalanu | | POSC 2103 | Introduction to U.S. Government |
| Sociology Introduction to Sociology | 2 | 500 2212 | Introduction to Cociology |
| Introduction to Sociology | 3 | SOC 2213 | Introduction to Sociology |
| Psychology Control Psychology | 2 | DCV 2042 | Lister de stiere to Breede de se |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| TOTAL | 35 | | |
| | I. | 1 | 1 |

Only grades of C or higher are acceptable for all prerequisite coursework.

*Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | ASU Course Code | ASU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1003 | Composition I <u>and</u> |
| | | ENG 1013 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMS 1203 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Applied Statistics | 3 | STAT 3233 | Applied Statistics I |
| | | PSY 3103 | Quantitative Methods for Behavioral Sciences |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2203/2201 | Human Anatomy & Physiology I/Laboratory <u>and</u> |
| , | | BIOL 2223/2221 | Human Anatomy & Physiology II/Laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2103/2101 | Microbiology for Nursing & Allied Health/Laboratory |
| | | BIOL 4104 | Microbiology (includes Laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1013/1011 | General Chemistry I/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUS 2503 | Fine Arts – Musical |
| | | ART 2503 | Fine Arts – Visual |
| | | THEA 2503 | Fine Arts - Theater |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1103 | Introduction to Philosophy |
| · · | | ENG 2003 | World Literature to 1660 |
| | | ENG 2013 | World Literature Since 1660 |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2763 | The United States to 1876 |
| | | HIST 2773 | The United States Since 1876 |
| | | POSC 2103 | Introduction to U.S. Government |

| Sociology | | | |
|---------------------------|----|----------|----------------------------|
| Introduction to Sociology | 3 | SOC 2213 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSY 2013 | Introduction to Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | HP 2013 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



College of the Ouachitas
One College Circle
Malvern, AR 72104
(501) 337-5000

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 2113 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| - | | BIOL 2124 | General Zoology (w/ laboratory) |
| | | 5.0.000 | Anatomy and Physiology I (w/ |
| | | BIOL 2224 | laboratory) |
| | | DIOL 2224 | Anatomy and Physiology II (w/ |
| | | BIOL 2234 | laboratory) |
| | | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1214 | General Chemistry I |
| | | N/A | No Second Chemistry Course Offered |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |
| | | HIST 2123 | U.S. History since 1865 |
| | | GOVT 2113 | American National Government |
| Social Sciences | | | |
| Other Social Sciences | 6 | ECON 2113 | Principles of Macroeconomics |

| | | ECON 2213 | Principles of Microeconomics |
|-----------|-----------|-----------|------------------------------|
| | | GEOG 1113 | Geography |
| | | PSYC 1113 | General Psychology |
| | | SOCI 1113 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 2113 | Oral Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1214 | General Chemistry I |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | DIOL 1124 | Introduction to Diology (w/ Joharston) |
| course is also acceptable.) | 4 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| | | BIOL 2124 | General Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| not required) | U | DIOL 2224 | |
| | | BIOL 2234 | Anatomy and Physiology II (w/ |
| | | 5.01 220 . | laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |

| | | HIST 2123 | U.S. History since 1865 |
|---------------------------|----------|-----------|------------------------------|
| | | GOVT 2113 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 1113 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | <u>3</u> | SOCI 1113 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|---|-----------------|------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 2113 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYC 1134 | Introduction to Physical Science |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 1113 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1113 | Introduction to Sociology |
| History | | | |

| American History or National Government | 3 | HIST 2113 | U.S. History through 1865 |
|---|----------|-----------|---|
| | | HIST 2123 | U.S. History since 1865 |
| | | GOVT 2113 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1113 | Civilization through 16 th Century |
| | | HIST 1123 | Civilization since 16th Century |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | DATA 1123 | Fundamentals of Information Technology |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | 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 | N/A | No Courses Offered |
| genetics) | | |
| 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 |

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 2113 | Oral Communication |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |
| , | | HIST 2123 | U.S. History since 1865 |
| | | GOVT 2113 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ECON 2113 | Principles of Macroeconomics |
| | | ECON 2213 | Principles of Microeconomics |
| | | GEOG 1113 | Geography |
| | | PSYC 1113 | General Psychology |
| | | SOCI 1113 | Introduction to Sociology |
| ELECTIVES ² | 11 | | |
| | ** | | |
| SUBTOTAL | 35 | | |
| | - 33 | | |
| | | | |

| *6 hours of core curriculum may be completed after enro | olling in the | | |
|---|---------------|-----------|--|
| program but prior to graduation. | | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with | 8 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| laboratories | ٥ | CHEW 1214 | General Chemistry I (w/ laboratory) |
| | | N/A | No Second Chemistry Course Offered |
| SCIENCE ELECTIVES ² | 4 | BIOL 2124 | General Zoology (w/laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ |
| | | | laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1143 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | GBUS 2023 | Business Statistics |
| | | | |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 2113 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1143 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| | | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYC 1134 | Introduction to Physical Science (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |

| | | HIST 2123 | U.S. History since 1865 |
|--|----|-----------|------------------------------|
| | | GOVT 2113 | American National Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2113 | Principles of Macroeconomics |
| | | ECON 2213 | Principles of Microeconomics |
| | | GEOG 1113 | Geography |
| | | PSYC 1113 | General Psychology |
| | | SOCI 1113 | Introduction to Sociology |
| LOWER LEVEL ELECTIVES | 22 | + | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|---|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 2113 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| an sour ejecent | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |
| | | HIST 2123 | U.S. History since 1865 |

| | | GOVT 2113 | American National Government |
|--|----|-----------|-------------------------------------|
| History of Civilization or World History | 3 | HIST 1113 | Civilization through 16th Century |
| | | HIST 1123 | Civilization since 16th Century |
| Psychology | | | |
| General Psychology | 3 | PSYC 1113 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1113 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy - D.P.T. - Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|---|-----------------|------------------|--|
| Anatomy | 3 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2234 | Anatomy and Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| - General and specialized courses | 0 | BIOL 2244 | Microbiology (w/ laboratory) |
| - Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | | |
| Chemistry | 6 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | N/A | No Second Chemistry Course Offered |
| Physics | 6 | PHYC 1134 | Introduction to Physical Science (w/ laboratory) |
| - Two semesters of general physics | | N/A | No Second Physics Course Offered |
| Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | GBUS 2023 | Business Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 1113 | General Psychology |
| - General and specialized courses. | | PSYC 2113 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|---|-----------------|------------------|---|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1124 | Introduction to Biology (w/ laboratory) |
| | | BIOL 2124 | General Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2224 | Anatomy and Physiology I (w/ |
| Human Anatomy with Laboratory | 4 | BIOL 2224 | laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2234 | Anatomy and Physiology II (w/ |
| numan Physiology with Laboratory | 4 | BIOL 2234 | laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2244 | Microbiology (w/laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| | | N/A | No Second Chemistry Course Offered |
| Organic Chemistry I with Laboratory | 4 | N/A | No Courses Offered |
| General Psychology | 3 | PSYC 1113 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | GBUS 2023 | Business Statistics |
| | | | |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 2113 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |
| | | HIST 2123 | U.S. History since 1865 |
| | | GOVT 2113 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1113 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1113 | General Psychology |

| TOTAL | 35 | |
|-------|----|--|

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | COTO Course Code | COTO Course Name |
|--|-----------------|------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1213 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 2113 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1143 | College Algebra |
| Applied Statistics | 3 | GBUS 2023 | Business Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1214 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FILM 2213 | Film Appreciation |
| | | HUMN 2113 | Humanities: Art |
| | | HUMN 2123 | Humanities: Music |
| | | HUMN 2133 | Humanities: Theater |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | World Literature I |
| · · · · · · · · · · · · · · · · · · · | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | American Literature I |
| | | ENGL 2323 | American Literature II |
| | | PHIL 2113 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2113 | U.S. History through 1865 |
| | | HIST 2123 | U.S. History since 1865 |
| | | GOVT 2113 | American National Government |

| Sociology | | | |
|---------------------------|----|-----------|---------------------------|
| Introduction to Sociology | 3 | SOCI 1113 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1113 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | MEDT 1123 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Hendrix College 1600 Washington Ave. Conway, AR 72032 (501) 329-6811

Hendrix College

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|--|-----------------|----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 150 | Cell Biology (w/ laboratory) |
| | | BIOL 220 | General Zoology (w/ laboratory) |
| | | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| | | BIOL 340 | Microbiology (w/ laboratory) |
| | | BIOL 250 | Genetics (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| | | CHEM 120 | Gen Chem II: Analy & React (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARTH 170 | Western Art History Survey I |
| Music, Art, Theater | 3 | | |
| | | ARTH 171 | Western Art History Survey II Music Fundamentals |
| | | MUSI 100 | |
| H | | TART 100 | Introduction to Theatre |
| Humanities | 2 | DIIII 444 | How Do We Know? |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | 11011 = 0 110111101111 |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Social Sciences | | | |
| Other Social Sciences | 6 | ANTH 100 | Intro to Cultural Anthropology |
| | | ECON 200 | Microeconomic Theory |
| | | ECON 210 | Macroeconomic Theory |

| | | PSYC 110 | Introduction to Psychology |
|-----------|-----------|----------|----------------------------|
| | | SOCI 110 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Hendrix College

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|--|-----------------|----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 150 | Cell Biology (w/ laboratory) |
| course is also acceptable.) | 7 | DIOL 130 | |
| | | BIOL 220 | General Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 340 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| not required) | | | |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| | 3 | ARTH 170 | Wastern Art History Survey I |
| Music, Art, Theater | 3 | ARTH 170 | Western Art History Survey I |
| | | MUSI 100 | Western Art History Survey II Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities | | TART 100 | introduction to meatre |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | How Do We Know? |
| rillosophy, rollical science, Literature, or Humanities | 3 | PHIL 215 | Ethics and Society |
| | | | , |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| , | | HIST 111 | U.S. History Since 1865 |
| Psychology | | | , |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |
| -101 | | 1 | |

| Sociology | | | |
|---------------------------|----|----------|---------------------------|
| Introduction to Sociology | 3 | SOCI 110 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Hendrix College

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|--|-----------------|----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| laboratory | O | DIOL 203 | |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 210 | General Physics I (w/ laboratory) AND |
| | | PHYS 220 | General Physics II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| | | | |
| SOCIAL SCIENCES | | | |
| Psychology | _ | 2010 115 | |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 110 | Introduction to Sociology |
| History | | | |
| American History or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |

| Two-semester sequence of History of Civilization or | 6 | HIST ### | Any Global History Courses |
|---|----------|----------|----------------------------|
| World History | 0 | | Click here to see the list |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | N/A | No Courses Offered |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 | BIOL 250 | Genetics (w/ laboratory) |
| genetics) | | |
| 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:

- 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|---|-----------------|----------------|----------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 100 | Intro to Cultural Anthropology |
| | | ECON 200 | Microeconomic Theory |
| | | ECON 210 | Macroeconomic Theory |
| | | PSYC 110 | Introduction to Psychology |
| | | SOCI 110 | Introduction to Sociology |
| ELECTIVES ² | <u>11</u> | | |
| CLIPTOTAL | 25 | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enroprogram but prior to graduation. | olling in the | | |
| | | | |

| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
|--|----------|----------|---|
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 150 | Cell Biology (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 340 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| | | CHEM 120 | Gen Chem II: Analy & React (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 240 | Organic Chemistry I (w/ laboratory) |
| | | CHEM 330 | Biological Chemistry (w/ laboratory) |
| | | BIOL 220 | General Zoology (w/ laboratory) |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 320 | Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 310 | Probability and Statistics |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|--|-----------------|----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | TART 110 | The Art of Public Speaking |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 320 | Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 150 | Cell Biology (w/ laboratory) |
| | | BIOL 340 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 210 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 100 | Intro to Cultural Anthropology |

| | | ECON 200 | Microeconomic Theory |
|-----------------------|----|----------|----------------------------|
| | | ECON 210 | Macroeconomic Theory |
| | | PSYC 110 | Introduction to Psychology |
| | | SOCI 110 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|---|-----------------|----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| COUTAINE | | | |
| SCIENCE | | | |
| Biology | 4 | DIOL 150 | Call Biology (v./ Jakovstow) |
| Principles of biology course with laboratory | 4 | BIOL 150 | Cell Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 340 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Psychology | | | |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |
| Sociology | | | |

| Introduction to Sociology | 3 | SOCI 110 | Introduction to Sociology |
|---------------------------|----|----------|-------------------------------------|
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|---|-----------------|--------------------------------|--|
| Anatomy | 3 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 150 | Cell Biology (w/ laboratory) |
| - General and specialized courses | | BIOL 250 | Genetics (w/ laboratory) |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 340 | Microbiology (w/ laboratory) |
| Neuroscience | | | |
| Chemistry | 6 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| - Two semesters of general or specialized chemistry | CHEM 120 | Gen Chem II: Analy & React (w/ | |
| The commence of general or openion and of the comment | | | laboratory) |
| Physics | 6 | PHYS 210 | General Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 220 | General Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MATH 310 | Probability and Statistics |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 110 | Introduction to Psychology |
| - General and specialized courses. | | PSYC 385 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 44 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|---|-----------------|----------------|---|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 150 | Cell Biology (w/ laboratory) |
| | | BIOL 220 | General Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology with Laboratory | 4 | BIOL 340 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 250 | Genetics (w/ laboratory) |
| General Chemistry I and II with Laboratory | 8 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| | | CHEM 120 | Gen Chem II: Analy & React (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 240 | Organic Chemistry I (w/ laboratory) |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 310 | Probability and Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|---|-----------------|----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | TART 110 | The Art of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with | | | |
| laboratory* | 8 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| , | | DIOL 345 | Anatomy & Physiology II (w/ |
| | | BIOL 215 | laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| | | | |
| SOCIAL SCIENCES | | | |
| History | _ | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Sociology | _ | 6001446 | 1 |
| Introduction to Sociology | 3 | SOCI 110 | Introduction to Sociology |
| Psychology | _ | | |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |
| | | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

*Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | HC Course Code | HC Course Name |
|--|-----------------|----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 110 | Introduction to Academic Writing |
| | | ENGL 210 | Advanced Academic Writing |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | TART 110 | The Art of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 320 | Algebra |
| Applied Statistics | 3 | MATH 310 | Probability and Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 205 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 215 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 340 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 110 | Gen Chem I: Struct & Pop (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARTH 170 | Western Art History Survey I |
| | | ARTH 171 | Western Art History Survey II |
| | | MUSI 100 | Music Fundamentals |
| | | TART 100 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 111 | How Do We Know? |
| | | PHIL 215 | Ethics and Society |
| | | ENGL 223 | Literary & Cinematic Adaptations |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 110 | North America to 1865 |
| | | HIST 111 | U.S. History Since 1865 |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 110 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 110 | Introduction to Psychology |

| ADDITIONAL REQUIREMENTS | | | |
|-------------------------|----|-----|--------------------|
| Medical Terminology**** | 1 | N/A | No Courses Offered |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



National Park College 101 College Dr. Hot Springs, AR 71913 (501) 760-4222

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1114 | General Biology (w/ laboratory) |
| | | BIOL 1154 | Zoology (w/ laboratory) |
| | | BIOL 1164 | Botany (w/ laboratory) |
| | | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| | | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1204 | General Chemistry I |
| | | CHEM 2204 | General Chemistry II |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| | <u> </u> | HIST 2233 | United States History since 1865 |
| | | POLS 1113 | American National Government |
| Social Sciences | | . 013 1113 | , and read readonal dovernment |
| Other Social Sciences | 6 | ANTH 1113 | General Anthropology |
| ANAS College of Health Drafessions Advisor's N | | , 1141111 11113 | oo |

| | | ECON 2203 | Macroeconomics |
|-----------|-----------|-----------|---------------------------|
| | | GEOG 1103 | Introduction to Geography |
| | | PSYC 1103 | General Psychology |
| | | SOC 1103 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|---|-----------------|-----------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1204 | General Chemistry I |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1114 | General Biology (w/ laboratory) |
| course is also acceptable.) | 4 | BIOL 1114 | |
| | | BIOL 1154 | Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| not required) | | 51012221 | |
| | | BIOL 2234 | Anatomy and Physiology II (w/ |
| | | | laboratory) |
| TIME ARTS (MARAANITIES | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 2 | NALIC 4242 | Advais Assurations |
| Music, Art, Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 TART 1153 | Art Appreciation for Non-Art Majors Introduction to Theatre |
| Ili.manitina | | TAKT 1155 | introduction to Theatre |
| Humanities Rhilosophy Relitical Science Literature or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 1183 | Introduction to Philosophy Introduction to Literature |
| | | | |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II American Literature I |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| mistory of the officed states of National Government | 3 | 11131 2223 | Officed States History to 1003 |

| | | HIST 2233 | United States History since 1865 |
|---------------------------|----|-----------|----------------------------------|
| | | POLS 1113 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1103 | Introduction to Sociology |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| · | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 1204 | General Physics I <u>and</u> |
| | | PHYS 2204 | General Physics II |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1103 | Introduction to Sociology |
| History | | | |

| American History or National Government | 3 | HIST 2223 | United States History to 1865 |
|---|----------|-----------|----------------------------------|
| | | HIST 2233 | United States History since 1865 |
| | | POLS 1113 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 2253 | World Civilization to 1500 and |
| | | HIST 2263 | World Civilization since 1500 |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CIS 1023 | Introduction to Computing |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | NPC Course Code | NPC Course Name |
|---|-----------------|---|
| 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 | N/A | No Courses Offered |
| genetics) | | |
| 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 |
| RECOMMENDED COURSEWORK | | |
| 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.

Medical Laboratory Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|--|-----------------|-----------------|-------------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| | | HIST 2233 | United States History since 1865 |
| | | POLS 1113 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 1113 | General Anthropology |
| | | ECON 2203 | Macroeconomics |
| | | GEOG 1103 | Introduction to Geography |
| | | PSYC 1103 | General Psychology |
| | | SOC 1103 | Introduction to Sociology |
| ELECTIVES ² | 11 | | |
| SUBTOTAL | 35 | | |
| | | | |

| *6 hours of core curriculum may be completed after enro | olling in the | | |
|---|---------------|--------------|--|
| program but prior to graduation. | | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1114 | General Biology (w/laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with | 8 | CHEM 1204 | General Chemistry I |
| laboratories | 0 | CITEIVI 1204 | General Chemistry i |
| | | CHEM 2204 | General Chemistry II |
| SCIENCE ELECTIVES ² | 8 | BIOL 1154 | Zoology (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ |
| | | BIOL 2234 | laboratory) |
| | | | |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1123 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 1293 | Introduction to Statistics |
| | | | |
| | | | |
| SUBTOTAL | <u>34</u> | | |
| | | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1123 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| · | | BIOL 2234 | Anatomy and Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1114 | General Biology (w/ laboratory) |
| | | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1204 | General Chemistry I |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 1204 | General Physics I |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| | | HIST 2233 | United States History since 1865 |

| | | POLS 1113 | American National Government |
|--|----|-----------|------------------------------|
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 1113 | General Anthropology |
| | | ECON 2203 | Macroeconomics |
| | | GEOG 1103 | Introduction to Geography |
| | | PSYC 1103 | General Psychology |
| | | SOC 1103 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1114 | General Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| all body systems ² | ٥ | BIOL 2224 | Aliatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ |
| | | DIOL 2234 | laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| | | | |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1204 | General Chemistry I |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 1213 | Music Appreciation |
| | | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| | | HIST 2233 | United States History since 1865 |

| | | POLS 1113 | American National Government |
|---------------------------|----|-----------|-------------------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1103 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2234 | Anatomy and Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1114 | General Biology (w/ laboratory) |
| - General and specialized courses | | BIOL 1154 | Zoology (w/ laboratory) |
| Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2244 | Microbiology (w/ laboratory) |
| Chemistry | 6 | CHEM 1204 | General Chemistry I <u>and</u> |
| - Two semesters of general or specialized chemistry | | CHEM 2204 | General Chemistry II |
| Physics | 6 | PHYS 1204 | General Physics I <u>and</u> |
| - Two semesters of general physics | | PHYS 2204 | General Physics II |
| - Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | MATH 1293 | Introduction to Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 1103 | General Psychology |
| - General and specialized courses. | | PSYC 2163 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|---|-----------------|-----------------|-------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1114 | General Biology (w/ laboratory) and |
| | | BIOL 1154 | Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2224 | Anatomy and Physiology I (w/ |
| numan Anatomy with Laboratory | 4 | BIOL 2224 | laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2234 | Anatomy and Physiology II (w/ |
| Tidiliali Filysiology with Laboratory | 4 | BIOL 2234 | laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Course Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1204 | General Chemistry I |
| | | CHEM 2204 | General Chemistry II |
| Organic Chemistry I with Laboratory | 4 | N/A | No Course Offered |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 1293 | Introduction to Statistics |
| | | | |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | MUS 1213 | Music Appreciation |
| Fine Arts | 3 | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| | | HIST 2233 | United States History since 1865 |
| | | POLS 1113 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1103 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| | | | |

| TOTAL | 35 | |
|-------|----|--|
| TOTAL | 33 | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NPC Course Code | NPC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 1113 | English Composition I |
| | | ENG 1123 | English Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1103 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1123 | College Algebra |
| Applied Statistics | 3 | MATH 1293 | Introduction to Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2224 | Anatomy and Physiology I (w/ laboratory) |
| , | | BIOL 2234 | Anatomy and Physiology II (w/ laboratory) |
| Microbiology | | | , |
| Microbiology with laboratory | 4 | BIOL 2244 | Microbiology (w/ laboratory) |
| Chamistry | | | |
| Chemistry Chamistry Chamistry | 4 | CUENA 1204 | Company Champiotan I |
| Chemistry with laboratory | 4 | CHEM 1204 | General Chemistry I |
| FINE ARTS/HUMANITIES | | MUS 1213 | Music Appreciation |
| Fine Arts | 3 | ART 1593 | Art Appreciation for Non-Art Majors |
| | | TART 1153 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1123 | Introduction to Philosophy |
| | | ENG 1183 | Introduction to Literature |
| | | ENG 2273 | World Literature I |
| | | ENG 2283 | World Literature II |
| | | ENG 2223 | American Literature I |
| | | ENG 2233 | American Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2223 | United States History to 1865 |
| , | | HIST 2233 | United States History since 1865 |
| | | POLS 1113 | American National Government |

| Sociology | | | |
|---------------------------|----|-----------|---------------------------|
| Introduction to Sociology | 3 | SOC 1103 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1103 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | ALH 1203 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Northwest Arkansas Community College 1 College Dr. Bentonville, AR 72712 (479) 636-9222

Northwest Arkansas Community College

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1303 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| | | BIOL 1014 | General Biology II (w/ laboratory) |
| | | BIOL 1604 | General Zoology (w/ laboratory) |
| | | BIOL 2214 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ laboratory) |
| | | BIOL 2534 | Cell Biology (w/ laboratory) |
| | | MBIO 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| | | CHEM 1124 | College Chemistry II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | ENGL 2113 | Survey of British Literature to Romanticism |
| | | ENGL 2123 | Survey of British Literature from Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil War |
| | | ENGL 2323 | Survey of American Literature from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |

| TOTAL | 80 | | |
|---|-----------|-----------|--------------------------------------|
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | 30012013 | General Sociology |
| | | SOCI 2013 | General Sociology |
| | | PSYC 2003 | General Psychology |
| | | GEOG 1123 | Human Geography |
| | | ECON 2023 | Microeconomics |
| | | ECON 2013 | Macroeconomics |
| | | ANTH 1023 | Intro. to Cultural Anthropology |
| Other Social Sciences | 6 | ANTH 1013 | Intro. to Biological Anthropology |
| Social Sciences | | | |
| | | PLSC 2003 | American Government |
| | | HIST 2013 | Present |
| | | LUCT 2012 | History of American People 1877 to |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| History | | | |
| SOCIAL SCIENCES | | | |
| | | | , , |
| | | HUMN 1003 | Exploring the Humanities |
| | | ENGL 2223 | Survey of World Literature from 1650 |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1303 | Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| Biology | | | , |
| Principles of biology course with laboratory (A Zoology | | | |
| course is also acceptable.) | 4 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| , , | | BIOL 1604 | General Zoology (w/ laboratory) |
| Microbiology | | | G, t . , ,, |
| Microbiology with laboratory | 4 | MBIO 2014 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | 57 () |
| Two-semester sequence of Anatomy & Physiology (labs | _ | | Anatomy & Physiology I (w/ |
| not required) | 6 | BIOL 2214 | laboratory) |
| | | DIOL 2224 | Anatomy & Physiology II (w/ |
| | | BIOL 2224 | laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | FNCL 2442 | Survey of British Literature to |
| | | ENGL 2113 | Romanticism |
| | | ENGL 2122 | Survey of British Literature from |
| | | ENGL 2123 | Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil |
| | | LINUL ZJIJ | War |
| | | ENGL 2323 | Survey of American Literature from |
| | | | Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |

| | | ENGL 2223 | Survey of World Literature from 1650 |
|---|----------|-----------|--------------------------------------|
| | | HUMN 1003 | Exploring the Humanities |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | HIST 2013 | History of American People 1877 to |
| | | HIST 2015 | Present |
| | | PLSC 2003 | American Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| Lower-level Electives | 6 | | |
| Upper-level Electives | <u>6</u> | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|---|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1303 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2214 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 2014 | College Physics I (w/ laboratory) |
| | | PHYS 2034 | College Physics II (w/ laboratory) |
| | | PHYS 1064 | Introduction to Physics (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | ENGL 2113 | Survey of British Literature to Romanticism |
| | | ENGL 2123 | Survey of British Literature from Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil War |
| | | ENGL 2323 | Survey of American Literature from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |
| | | ENGL 2223 | Survey of World Literature from 1650 |

| | | HUMN 1003 | Exploring the Humanities |
|---|----------|-----------|---|
| | | | |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| History | | | |
| American History or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | HIST 2013 | History of American People 1877 to Present |
| | | PLSC 2003 | American Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1033 | World Civilization to 1500 |
| | | HIST 1043 | World Civilization from 1500 |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CISQ 1103 | Intro to Computer Information Systems |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | BIOL 2324 | Genetics (w/ laboratory) |
| genetics) | | |
| 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 |

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|-------------------|---|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1303 | Public Speaking |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ARHS 1003 | Art Appreciation |
| Wusic, Art, Meater | 3 | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities ⁴ | | 1111K 1003 | introduction to meatre |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| Prinosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Ethics |
| | | FIIIL 2103 | Survey of British Literature to |
| | | ENGL 2113 | Romanticism |
| | | ENGL 2422 | Survey of British Literature from |
| | | ENGL 2123 | Romanticism |
| | | ENGL 2313 | Survey of American Literature to |
| | | LIVOL 2313 | Civil War |
| | | ENGL 2323 | Survey of American Literature |
| | | | from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |
| | | ENGL 2223 | Survey of World Literature from 1650 |
| | | HUMN 1003 | Exploring the Humanities |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | HIST 2013 | History of American People 1877 to Present |
| | | PLSC 2003 | American Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 1013 | Intro. to Biological Anthropology |
| IAMS Callege of Health Professions - Advisor's N | 100000 | ı | 115 |

| | | ANTH 1023 | Intro. to Cultural Anthropology |
|---|---------------|-----------|---|
| | | ECON 2013 | Macroeconomics |
| | | ECON 2023 | Microeconomics |
| | | GEOG 1123 | Human Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2013 | General Sociology |
| | | | |
| ELECTIVES ² | 11 | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enroprogram but prior to graduation. | olling in the | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE SCIENCE | | | <u> </u> |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2214 | Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | MBIO 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| | | CHEM 1124 | College Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 2614 | Organic Physiological Chemistry (w/ laboratory) |
| | | BIOL 1014 | General Biology II (w/ laboratory) |
| | | BIOL 1604 | General Zoology (w/ laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ laboratory) |
| | | BIOL 2534 | Cell Biology (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1204 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | CISQ 2013 | Business Statistics |
| | _ | PSYC 2013 | Introduction to Statistics for Behavioral and Social Sciences |
| | | | |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |
| | 1 | 1 | 1 |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|---|--|-------------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1303 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1204 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2214 | Anatomy & Physiology I (w/ |
| laboratory ² | , and the second | DIOL 2214 | laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ |
| | | | laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| | | MBIO 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2014 | College Physics I (w/ laboratory) |
| FINE ADTO AND AND THE | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 2 | ADUC 1002 | Art Appropriation |
| Art, Music or Theater | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| Humanities | | THTR 1003 | Introduction to Theatre |
| 1 1 1 1 | 2 | DUIL 2002 | Internal continue to Dhilana abou |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | ENGL 2113 | Survey of British Literature to Romanticism |
| | | ENGL 2123 | Survey of British Literature from Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil War |
| | | ENGL 2323 | Survey of American Literature from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |

| | | ENGL 2223 | Survey of World Literature from 1650 |
|--|----|-----------|---|
| | | HUMN 1003 | Exploring the Humanities |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | HIST 2013 | History of American People 1877 to Present |
| | | PLSC 2003 | American Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 1013 | Intro. to Biological Anthropology |
| | | ANTH 1023 | Intro. to Cultural Anthropology |
| | | ECON 2013 | Macroeconomics |
| | | ECON 2023 | Microeconomics |
| | | GEOG 1123 | Human Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2013 | General Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|---|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1303 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BIOL 2214 | Anatomy & Physiology I (w/ |
| all body systems ² | _ | - | laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ |
| B#ianahialam. | | | laboratory) |
| Microbiology Microbiology with laboratory | 4 | MADIO 2014 | Microbiology (w/ laboratory) |
| Microbiology with laboratory | 4 | MBIO 2014 | Wilcrobiology (w/ laboratory) |
| Chemistry Principles of chemistry course | 4 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| Principles of chemistry course | 4 | CHEWI 1104 | College Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARHS 1003 | Art Appreciation |
| , , | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | FNCL 2112 | Survey of British Literature to |
| | | ENGL 2113 | Romanticism |
| | | ENGL 2123 | Survey of British Literature from |
| | | LINGL Z1Z3 | Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil |
| | | 2.102.2020 | War |
| | | ENGL 2323 | Survey of American Literature from |
| | | | Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |
| | | ENGL 2223 | Survey of World Literature from 1650 |

| | | HUMN 1003 | Exploring the Humanities |
|---|----|-----------|------------------------------------|
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | LUCT 2012 | History of American People 1877 to |
| | | HIST 2013 | Present |
| | | PLSC 2003 | American Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| | | | |
| Floatives | 0 | | Additional science/math |
| Electives | 9 | | recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|---|-----------------|-------------------|--|
| Anatomy | 3 | BIOL 2214 | Anatomy & Physiology I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2224 | Anatomy & Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1544 | Principles of Biology I (w/ laboratory) |
| - General and specialized courses | | BIOL 1014 | General Biology II (w/laboratory) |
| - Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2324 | Genetics |
| | | BIOL 2534 | Cell Biology (w/ laboratory) |
| | | MBIO 2014 | Microbiology (w/ laboratory) |
| Chemistry | 6 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1124 | College Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 2014 | College Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 2034 | College Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | CISQ 2013 | Business Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | PSYC 2013 | Introduction to Statistics for Behavioral and Social Sciences |
| Psychology | 6 | PSYC 2003 | General Psychology |
| - General and specialized courses. | | PSYC 2043 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|---|--------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1544 BIOL 1014 BIOL 1604 BIOL 2534 BIOL 2214 BIOL 2224 MBIO 2014 BIOL 2324 CHEM 1104 CHEM 1124 CHEM 2614 | Principles of Biology I (w/ |
| deficial/Filliciples of biology Failu II with Laboratory | 0 | | laboratory) |
| | | BIOL 1014 | General Biology II (w/ laboratory) |
| | | BIOL 1604 | General Zoology (w/ laboratory) |
| | | BIOL 2534 | Cell Biology (w/ laboratory) |
| Lluman Anatomy with Laboratory** | 4 | DIOL 2214 | Anatomy & Physiology I (w/ |
| Human Anatomy with Laboratory** | 4 | BIOL 2214 | laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2224 | Anatomy & Physiology II (w/ |
| Hullian Physiology with Laboratory | 4 | BIOL 1544 BIOL 1014 BIOL 1604 BIOL 2534 CHEM 1104 CHEM 2614 PSYC 2013 BIOL 1544 PART PRINCE | laboratory) |
| Microbiology with Laboratory | 4 | MBIO 2014 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 2324 | Genetics |
| General Chemistry I and II with Laboratory | 8 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| | | CHEM 1124 | College Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 2614 | Organic Physiological Chemistry (w/ |
| Organic Chemistry I with Laboratory | 4 | CHEIVI 2014 | laboratory) |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | CISQ 2013 | Business Statistics |
| | | DCVC 2012 | Introduction to Statistics for |
| | | P31C 2013 | Behavioral and Social Sciences |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1303 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2214 | Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2224 | Anatomy & Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | ENGL 2113 | Survey of British Literature to Romanticism |
| | | ENGL 2123 | Survey of British Literature from Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil War |
| | | ENGL 2323 | Survey of American Literature from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |
| | | ENGL 2223 | Survey of World Literature from 1650 |
| | | HUMN 1003 | Exploring the Humanities |
| SOCIAL SCIENCES | | | |

| History | | | |
|--|----|-----------|---------------------------------|
| History of the United States or National Government | 3 | HIST 2003 | History of American People to |
| history of the officed States of National Government | 5 | Пізт 2005 | 1877 |
| | | HIST 2013 | History of American People 1877 |
| | | ПІЗТ 2013 | to Present |
| | | PLSC 2003 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | NWACC Course Code | NWACC Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1303 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1204 | College Algebra |
| Applied Statistics | 3 | CISQ 2013 | Business Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | | BIOL 2244 | Anatomy & Physiology I (w/ |
| laboratory*** | BIOL 2224 Ana | laboratory) | |
| | | BIOL 2224 | Anatomy & Physiology II (w/ |
| | | DIOL 2224 | laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | MBIO 2014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1104 | College Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARHS 1003 | Art Appreciation |
| | | MUSI 1003 | Music Appreciation |
| | | THTR 1003 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, | 3 | PHIL 2003 | Introduction to Philosophy |
| Literature, or Humanities) | | DUIL 2402 | Internal cation to Ethion |
| | | PHIL 2103 | Introduction to Ethics Survey of British Literature to |
| | | ENGL 2113 | Romanticism |
| | | ENGL 2123 | Survey of British Literature from Romanticism |
| | | ENGL 2313 | Survey of American Literature to Civil War |
| | | ENGL 2323 | Survey of American Literature from Civil War |
| | | ENGL 2213 | Survey of World Literature to 1650 |
| | | ENGL 2223 | Survey of World Literature from 1650 |
| | | HUMN 1003 | Exploring the Humanities |

| SOCIAL SCIENCES | | | |
|---|----|-----------|---|
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of American People to 1877 |
| | | HIST 2013 | History of American People 1877 to Present |
| | | PLSC 2003 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | AHSC 1403 | Medical Terminology for Health Sciences |
| Electives | 11 | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Ouachita Baptist University 410 Ouachita St. Arkadelphia, AR 71998 (870) 245-5000

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1003 | Fundamentals of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1003 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1014 | General Biology I (w/ laboratory) |
| | | BIOL 1024 | General Biology II (w/ laboratory) |
| | | BIOL 2014 | Human Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/laboratory) |
| | | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| | | BIOL 3034 | Ecology (w/ laboratory) |
| | | BIOL 4054 | Genetics (w/ laboratory) |
| | | BIOL 4064 | Cell and Molecular Biology |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| , | | CHEM 1014 | General Chemistry II (w/ laboratory) |
| FINE ARTS / III INAANITIES | | | |
| FINE ARTS/HUMANITIES Fine Arts | | | |
| Music, Art, Theater | 3 | FINA 3113 | Fine Arts: Art |
| Music, Art, Meater | 3 | FINA 3113 | Fine Arts: Music |
| | | FINA 3123 | Fine Arts: Theatre |
| Humanities | | 1 IIVA 3133 | Time Arts. Theatre |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 3103 | American Literature I |
| rimosophy, rondical science, Literature, or numbrilles | 3 | ENGL 3103 | American Literature II |
| | | ENGL 3113 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| | | LIHE TOOS | introduction to Filliosophy |
| COCIAL COLLINGEC | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
|---|-----------|-----------|---------------------------------|
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Social Sciences | | | |
| Other Social Sciences | 6 | ECON 2013 | Principles of Macroeconomics |
| | | ECON 2023 | Principles of Microeconomics |
| | | GEOG 1003 | Introduction to Human Geography |
| | | PSYC 1013 | General Psychology |
| | | SOCI 1003 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| ENGLISH/COMMUNICATION English Composition Two-semester sequence of English Composition Fundamentals of Speech or Speech Communication* MATHEMATICS College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Philosophy, Political Science, Literature, or Humanities Engl. 3643 ENGL 3643 ENGL 3643 ENGL 3653 PHIL 1003 | OBU Course Name |
|--|---|
| Two-semester sequence of English Composition 6 CORE 1043 CORE 2053 Speech Communication Fundamentals of Speech or Speech Communication* 3 COMM 1003 MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1003 SCIENCE Chemistry Principles of chemistry course with laboratory 4 CHEM 1004 CHEM 1024 Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory 4 BIOL 2014 Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 3633 | |
| Speech Communication Fundamentals of Speech or Speech Communication* ### ACMM 1003 MATHEMATICS | |
| Speech Communication Fundamentals of Speech or Speech Communication* MATHEMATICS College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Principles of biology course with laboratory Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3643 ENGL 3653 ENGL 3653 | Composition I |
| Fundamentals of Speech or Speech Communication* MATHEMATICS College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Aumanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3643 ENGL 3653 ENGL 3653 | Composition II |
| MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1003 SCIENCE Chemistry Principles of chemistry course with laboratory 4 CHEM 1004 Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory 4 BIOL 2604 BIOL 2014 Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3653 | |
| College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3653 | Fundamentals of Public Speaking |
| College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3653 | |
| College Algebra (or higher level Mathematics) SCIENCE Chemistry Principles of chemistry course with laboratory Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3633 ENGL 3653 | |
| SCIENCE Chemistry Principles of chemistry course with laboratory Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) BIOL 2014 BIOL 2014 BIOL 2024 BIOL 2024 BIOL 2014 BIOL 2024 BIOL 2014 BIOL 2024 BIOL 2034 BIOL 2034 BIOL 2034 BIOL 204 BIOL 2034 BIOL 204 BIOL 2034 BIOL 204 BIOL 2034 BIOL 204 | College Algebra |
| Chemistry Principles of chemistry course with laboratory Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology With laboratory Microbiology With laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Anatomy & Physiology FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater BIOL 2014 BIOL 2014 BIOL 2014 BIOL 2014 BIOL 2024 BIOL 2014 BIOL 2014 BIOL 2024 BIOL 2014 BIO | |
| Principles of chemistry course with laboratory Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Aumanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3643 ENGL 3653 | |
| Biology Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Aumanities Philosophy, Political Science, Literature, or Humanities ENGL 3633 ENGL 3643 ENGL 3653 | General Chemistry I (w/ laboratory) |
| Principles of biology course with laboratory (A Zoology course is also acceptable.) Microbiology Microbiology with laboratory 4 BIOL 2604 BIOL 3014 Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 3103 ENGL 3633 ENGL 3643 ENGL 3643 ENGL 3653 | Fundamentals of Chemistry (w/ laboratory) |
| Course is also acceptable.) Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Anatomy & Physiology (labs not required) BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Anatomy & Physiology (labs not required) BIOL 2014 | |
| Microbiology Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Anatomy & Physiology (labs not required) BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES Fine Arts Anatomy & Physiology (labs not required) BIOL 2014 BIOL 201 | Conseq Distance (Asset International) |
| Microbiology with laboratory Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Anatomy & Physiology (labs not required) BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater FINA 3113 FINA 3113 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities BIOL 2014 BIOL 2014 BIOL 2014 BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES FIN | General Biology I (w/ laboratory) |
| Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Aumanities Philosophy, Political Science, Literature, or Humanities ENGL 3113 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | |
| Anatomy & Physiology Two-semester sequence of Anatomy & Physiology (labs not required) FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Philosophy, Political Science, Literature, or Humanities FINE ARTS/HUMANITIES FINA 3133 ENGL 3113 ENGL 3643 ENGL 3643 ENGL 3653 | Applied Microbiology (w/ laboratory) |
| Two-semester sequence of Anatomy & Physiology (labs not required) BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music, Art, Theater Sine Arts Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3113 ENGL 3643 ENGL 3653 | Microbiology (w/ laboratory) |
| not required) BIOL 2014 BIOL 2024 FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities BIOL 2014 BIOL 2024 BIOL 2024 BIOL 2024 BIOL 2024 BIOL 2024 FINE ARTS/HUMANITIES FINA 3113 FINA 3113 ENGL 3103 ENGL 3103 ENGL 3633 ENGL 3643 ENGL 3653 | |
| FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | Human Anatomy and Physiology I (w/ laboratory) |
| Fine Arts 3 FINA 3113 Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3133 Humanities 3 ENGL 3103 Philosophy, Political Science, Literature, or Humanities 3 ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 ENGL 3653 | Human Anatomy and Physiology II (w/ laboratory) |
| Fine Arts 3 FINA 3113 Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3133 Humanities 3 ENGL 3103 Philosophy, Political Science, Literature, or Humanities 3 ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 ENGL 3653 | |
| Music, Art, Theater 3 FINA 3113 FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | |
| FINA 3123 FINA 3133 Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | Fine Arts: Art |
| Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | Fine Arts: Music |
| Humanities Philosophy, Political Science, Literature, or Humanities ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | Fine Arts: Theatre |
| Philosophy, Political Science, Literature, or Humanities 3 ENGL 3103 ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | The Auto. Heatre |
| ENGL 3113 ENGL 3633 ENGL 3643 ENGL 3653 | American Literature I |
| ENGL 3633 ENGL 3643 ENGL 3653 | American Literature II |
| ENGL 3643 ENGL 3653 | English Literature I |
| ENGL 3653 | English Literature II |
| | English Literature III |
| FHIL 1003 | Introduction to Philosophy |
| | introduction to Fillosophy |
| SOCIAL SCIENCES | |

| History | | | |
|---|----|-----------|------------------------------|
| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 1013 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1003 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1003 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1003 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2014 | Human Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 2024 | College Physics I (w/ laboratory) |
| | | PHYS 2054 | University Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FINA 3113 | Fine Arts: Art |
| | | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 1013 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1003 | Introduction to Sociology |

| History | | | |
|---|----------|-----------|-------------------------------|
| American History or National Government | 3 | HIST 2003 | U.S. History to 1877 |
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1003 | World Civilization to 1600 |
| | | HIST 1013 | World Civilization Since 1600 |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | BUAD 1033 | Microcomputer Applications |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | BIOL 4054 | Genetics (w/ laboratory) |
| genetics) | | |
| 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:

- 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|--|-----------------|-----------------|---------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1003 | Fundamentals of Public Speaking |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | FINA 3113 | Fine Arts: Art |
| | | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ECON 2013 | Principles of Macroeconomics |
| | | ECON 2023 | Principles of Microeconomics |
| | | GEOG 1003 | Introduction to Human Geography |
| | | PSYC 1013 | General Psychology |
| | | SOCI 1003 | Introduction to Sociology |
| ELECTIVES ² | 11 | | |
| | | | |
| SUBTOTAL | 35 | | |
| | | | |

| *6 hours of core curriculum may be completed after enro | lling in the | | |
|--|--------------|-----------|---|
| program but prior to graduation. | 1 | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology Electives with laboratories | 4 | BIOL 1014 | General Biology I (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2014 | Human Anatomy and Physiology I (w/laboratory) |
| Microbiology with laboratory | 4 | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| | | CHEM 1014 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 3004 | Organic Chemistry I (w/ laboratory) |
| | | BIOL 1024 | General Biology II (w/ laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/ laboratory) |
| | | BIOL 3034 | Ecology (w/ laboratory) |
| | | BIOL 4054 | Genetics (w/ laboratory) |
| | | BIOL 4064 | Cell and Molecular Biology |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1003 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2063 | Elementary Statistics |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1003 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1003 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2014 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1014 | General Biology I (w/ laboratory) |
| | | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2024 | College Physics I (w/ laboratory) |
| | | PHYS 2054 | University Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | FINA 3113 | Fine Arts: Art |
| | | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
|--|----|-----------|---------------------------------|
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2013 | Principles of Macroeconomics |
| | | ECON 2023 | Principles of Microeconomics |
| | | GEOG 1003 | Introduction to Human Geography |
| | | PSYC 1013 | General Psychology |
| | | SOCI 1003 | Introduction to Sociology |
| LOWER LEVEL ELECTIVES | 33 | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|---|-----------------|-----------------|--------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1003 | Fundamentals of Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1003 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1014 | General Biology I (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 0 | DIOL 2014 | Human Anatomy and Physiology I (w/ |
| all body systems ² | 8 | BIOL 2014 | laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/ |
| | | BIOL 2024 | laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FINA 3113 | Fine Arts: Art |
| | | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |

| TOTAL | 56 | | |
|--|----|-----------|-------------------------------------|
| | | | |
| Electives | 9 | | Additional science/math recommended |
| =- | | | |
| Introduction to Sociology | 3 | SOCI 1003 | Introduction to Sociology |
| Sociology | | | |
| General Psychology | 3 | PSYC 1013 | General Psychology |
| Psychology | | | |
| | | HIST 1013 | World Civilization Since 1600 |
| History of Civilization or World History | 3 | HIST 1003 | World Civilization to 1600 |
| | | PSCI 2013 | American National Government |
| | | HIST 2013 | U.S. History Since 1877 |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2014 | Human Anatomy and Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2024 | Human Anatomy and Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1014 | General Biology I (w/ laboratory) |
| - General and specialized courses | | BIOL 1024 | General Biology II (w/ laboratory) |
| Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| | | BIOL 3034 | Ecology (w/ laboratory) |
| | | BIOL 4064 | Cell and Molecular Biology |
| Chemistry | 6 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1014 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 2024 | College Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 2034 | College Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and mechanics | | PHYS 2054 | University Physics I (w/ laboratory) |
| | | PHYS 2064 | University Physics II (w/ laboratory) |
| Statistics | 3 | MATH 2063 | Elementary Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 1013 | General Psychology |
| - General and specialized courses. | | PSYC 3093 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1014 | General Biology I (w/ laboratory) |
| | | BIOL 1024 | General Biology II (w/laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2014 | Human Anatomy and Physiology I (w/ |
| Human Physiology with Laboratory | 4 | BIOL 2024 | laboratory) Human Anatomy and Physiology II (w/laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 4054 | Genetics (w/ laboratory) |
| General Chemistry I and II with Laboratory | 8 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| | | CHEM 1014 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 3004 | Organic Chemistry I (w/ laboratory) |
| General Psychology | 3 | PSYC 1013 | General Psychology |
| Biostatistics or Statistics | 3 | MATH 2063 | Elementary Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1003 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1003 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2014 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FINA 3113 | Fine Arts: Art |
| | | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
| | | HIST 2013 | U.S. History Since 1877 |
| | | PSCI 2013 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1003 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1013 | General Psychology |

| TOTAL | 35 | |
|-------|----|--|

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Ouachita Baptist University

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | OBU Course Code | OBU Course Name |
|--|-----------------|-----------------|--------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | CORE 1043 | Composition I |
| | | CORE 2053 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1003 | Fundamentals of Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1003 | College Algebra |
| Applied Statistics | 3 | MATH 2063 | Elementary Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | _ | | Human Anatomy and Physiology I (w/ |
| laboratory*** | 8 | BIOL 2014 | laboratory) |
| | | BIOL 2024 | Human Anatomy and Physiology II (w/ |
| | | 5102 202 1 | laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2604 | Applied Microbiology (w/ laboratory) |
| | | BIOL 3014 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1004 | General Chemistry I (w/ laboratory) |
| | | PHYS 2054 | University Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FINA 3113 | Fine Arts: Art |
| | - | FINA 3123 | Fine Arts: Music |
| | | FINA 3133 | Fine Arts: Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 3103 | American Literature I |
| | | ENGL 3113 | American Literature II |
| | | ENGL 3633 | English Literature I |
| | | ENGL 3643 | English Literature II |
| | | ENGL 3653 | English Literature III |
| | | PHIL 1003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | U.S. History to 1877 |
| , | 1 | | |

| | | PSCI 2013 | American National Government |
|---------------------------|----|-----------|------------------------------|
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1003 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1013 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | NSCI 4002 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Philander Smith College 900 W Daisy L Gatson Bates Dr. Little Rock, AR 72202 (501) 375-9845

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | ENG 103 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIO 114 | General Biology I (w/ laboratory) |
| | | BIO 124 | General Biology II (w/ laboratory) |
| | | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| | | BIO 304 | Cell Biology (w/ laboratory) |
| | | BIO 324 | Microbiology (w/ laboratory) |
| | | BIO 204 | Genetics (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHM 134 | College Chemistry I (w/ laboratory) |
| | | CHM 144 | College Chemistry II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | conge enemoty (in, income,), |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities | | | in action pprocesses. |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |
| , c. a.e cca catter of Hadional Government | | HIST 223 | History of the United States II |
| | 1 | 1 | |
| | | POSC 203 | American National Government |

| Other Social Sciences | 6 | ECON 113 | Principles of Macroeconomics I |
|-----------------------|-----------|----------|---------------------------------|
| | | ECON 123 | Principles of Microeconomics II |
| | | HIST 333 | World Geography |
| | | PSYC 103 | General Psychology |
| | | SOCG 113 | Introduction to Sociology |
| | | SOCG 323 | Cultural Anthropology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | ENG 103 | Speech Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHM 134 | College Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIO 114 | General Biology I (w/ laboratory) |
| course is also acceptable.) | 7 | BIO 114 | General Biology I (wy laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIO 324 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| not required) | | | |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | _ | | |
| Music, Art, Theater | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| COCIAL COUNCES | | | |
| SOCIAL SCIENCES History | | | |
| History History of the United States or National Government | 3 | LICT 212 | History of the United States I |
| nistory of the officed states of National Government | 3 | HIST 213 | · |
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |

| Psychology | | | |
|---------------------------|----|----------|---------------------------|
| General Psychology | 3 | PSYC 103 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCG 113 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | ENG 103 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| laboratory | | DIO 444 | Human Dhurialani (i.i./ lahayatanı) |
| Dharaisa | | BIO 444 | Human Physiology (w/ laboratory) |
| Physics | 2 | DUV 24.4 | Compared Physics I (v./ Johnston) AND |
| Introductory College Physics** | 3 | PHY 214 | General Physics I (w/ laboratory) AND |
| | | PHY 224 | General Physics II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| COCIAL COURNERS | | | |
| SOCIAL SCIENCES | | | |
| Psychology Compared Psychology | 2 | DCVC 103 | Con avail Payah alami |
| General Psychology | 3 | PSYC 103 | General Psychology |
| Sociology | 2 | 5055 443 | Laboration to Contain |
| Introduction to Sociology | 3 | SOCG 113 | Introduction to Sociology |
| History | | | |

| American History or National Government | 3 | HIST 213 | History of the United States I |
|---|----------|----------|------------------------------------|
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 113 | History of Western Civilization I |
| | | HIST 123 | History of Western Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CSCI 113 | Microcomputer Applications |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 | BIO 204 | Genetics (w/ laboratory) |
| genetics) | | |
| 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 |

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|---------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | ENG 103 | Speech Communication |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, | 6 | ECON 113 | Principles of Macroeconomics I |
| Geography, or Economics] | b | ECON 113 | Principles of Macroeconomics i |
| | | ECON 123 | Principles of Microeconomics II |
| | | HIST 333 | World Geography |
| | | PSYC 103 | General Psychology |
| | | SOCG 113 | Introduction to Sociology |
| | | SOCG 323 | Cultural Anthropology |
| | | | |
| ELECTIVES ² | <u>11</u> | | |
| | | | |
| SUBTOTAL | 35 | | |

| *6 hours of core curriculum may be completed after enrolling | g in the | | |
|--|-----------|---------|--|
| program but prior to graduation. | _ | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIO 114 | General Biology I (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| Microbiology with laboratory | 4 | BIO 324 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHM 134 | College Chemistry I (w/ laboratory) |
| | | CHM 144 | College Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHM 313 | Organic Chemistry |
| | | CHM 404 | Biochemistry (w/ laboratory) |
| | | BIO 124 | General Biology II (w/ laboratory) |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| | | BIO 304 | Cell Biology (w/ laboratory) |
| | | BIO 204 | Genetics (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MTH 133 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MTH 333 | Probability and Statistics |
| | | | |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | ENG 103 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MTH 133 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIO 114 | General Biology I (w/ laboratory) |
| | | BIO 324 | Microbiology (w/ laboratory) |
| | | | |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHM 134 | College Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHY 214 | General Physics I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |

| | | HIST 223 | History of the United States II |
|--|-----|-----------|---------------------------------|
| | | POSC 203 | American National Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or | 6 | ECON 113 | Principles of Macroeconomics I |
| Economics | · · | 20014 113 | Timespies of Macroccontonnes i |
| | | ECON 123 | Principles of Microeconomics II |
| | | HIST 333 | World Geography |
| | | PSYC 103 | General Psychology |
| | | SOCG 113 | Introduction to Sociology |
| | | SOCG 323 | Cultural Anthropology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | · |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | ENG 103 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIO 114 | General Biology I (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| all body systems ² | 8 | BIO 234 | |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIO 324 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHM 134 | College Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 153 | Art Fundamentals |
| Music, Art, Meater | 3 | MUS 103 | Music Appreciation |
| Humanities | | 10103 103 | Widsic Appreciation |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 213 | World Literature I |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENG 223 | World Literature I |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | |
| | | FIINL 203 | Ethics in Society |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |

| Psychology | | | |
|---------------------------|----|----------|-------------------------------------|
| General Psychology | 3 | PSYC 103 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCG 113 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|---|-----------------|-----------------|--------------------------------------|
| Anatamy | 3 BIO 234 | DIO 224 | Anatomy and Physiology (w/ |
| Anatomy | | laboratory) | |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIO 444 | Human Physiology (w/ laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIO 114 | General Biology I (w/ laboratory) |
| - General and specialized courses | | BIO 124 | General Biology II (w/ laboratory) |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIO 304 | Cell Biology (w/ laboratory) |
| Neuroscience | | | |
| | | BIO 324 | Microbiology (w/ laboratory) |
| | | BIO 204 | Genetics (w/ laboratory) |
| Chemistry | 6 | CHM 134 | College Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHM 144 | College Chemistry II (w/ laboratory) |
| Physics | 6 | PHY 214 | General Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHY 224 | General Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MTH 333 | Probability and Statistics |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 103 | General Psychology |
| - General and specialized courses. | | PSYC 323 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIO 114 | General Biology I (w/ laboratory) |
| | | BIO 124 | General Biology II (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| Human Physiology with Laboratory | 4 | BIO 444 | Human Physiology (w/ laboratory) |
| Microbiology with Laboratory | 4 | BIO 324 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | BIO 204 | Genetics (w/ laboratory) |
| General Chemistry I and II with Laboratory | 8 | CHM 134 | College Chemistry I (w/ laboratory) |
| | | CHM 144 | College Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHM 313 | Organic Chemistry |
| | | CHM 404 | Biochemistry (w/ laboratory) |
| General Psychology | 3 | PSYC 103 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MTH 333 | Probability and Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | ENG 103 | Speech Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCG 113 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 103 | General Psychology |
| | | | |

| TOTAL | 35 | |
|-------|----|--|
| TOTAL | 33 | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PSC Course Code | PSC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENG 113 | Composition I |
| | | ENG 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | ENG 103 | Speech Communication |
| MATHEMATICS | | | , |
| College Algebra (or higher level Mathematics) | 3 | MTH 133 | College Algebra |
| Applied Statistics | 3 | MTH 333 | Probability and Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIO 234 | Anatomy and Physiology (w/ laboratory) |
| | | BIO 444 | Human Physiology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIO 324 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHM 134 | College Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 153 | Art Fundamentals |
| | | MUS 103 | Music Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENG 213 | World Literature I |
| | | ENG 223 | World Literature II |
| | | ENG 313 | American Literature I |
| | | ENG 323 | American Literature II |
| | | ENG 403 | African-American Literature |
| | | PHRE 103 | Philosophy and Education |
| | | PHRE 203 | Ethics in Society |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 213 | History of the United States I |
| | | HIST 223 | History of the United States II |
| | | POSC 203 | American National Government |
| Sociology | 2 | 5055 443 | Introduction to Contain and |
| Introduction to Sociology | 3 | SOCG 113 | Introduction to Sociology |

| Psychology | | | | |
|-------------------------|----|----------|--------------------|--|
| General Psychology | 3 | PSYC 103 | General Psychology | |
| | | | | |
| ADDITIONAL REQUIREMENTS | | | | |
| Medical Terminology**** | 1 | N/A | No Courses Offered | |
| Electives | 11 | | | |
| | | | | |
| TOTAL | 58 | | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



DeWitt Campus

1210 Rice Belt DeWitt, AR 72042 (870) 946-3506

Helena-West Helena Campus

1000 Campus Drive; P.O. Box 785 Helena-West Helena, AR 72342 (870) 338-6474

Stuttgart Campus

2807 Hwy. 165 South Stuttgart, AR 72160 (870) 673-4201

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SP 243 | Fundamentals of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BY 114 | General Biology I (w/ laboratory) |
| | | BY 124 | General Biology II (w/ laboratory) |
| | | BY 134 | General Zoology (w/ laboratory) |
| | | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| | | BY 164 | Anatomy & Physiology II (w/laboratory) |
| | | BY 224 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CY 114 | General Chemistry I (w/ laboratory) |
| | | CY 124 | General Chemistry II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| | | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Social Sciences | | | |
| Other Social Sciences | 6 | PSY 213 | General Psychology |
| | | SY 213 | Fundamental Sociology |
| | | ES 213 | Principles of Macroeconomics |

| | | ES 223 | Principles of Microeconomics |
|-----------|-----------|----------|------------------------------|
| | | GEOG 213 | Introductory Geography |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SP 243 | Fundamentals of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| | | | |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CY 114 | General Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BY 114 | General Biology I (w/ laboratory) |
| course is also acceptable.) | 4 | DT 114 | |
| | | BY 134 | General Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BY 224 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| not required) | | B1 154 | |
| | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| | | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Psychology | | | |

| General Psychology | 3 | PSY 213 | General Psychology |
|---------------------------|----|---------|-----------------------|
| Sociology | | | |
| Introduction to Sociology | 3 | SY 213 | Fundamental Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SP 243 | Fundamentals of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| laboratory | | DV 164 | Anatomy & Physiology II (w/ laboratory) |
| Dhysics | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| Physics Introductory College Physics** | 3 | PS 215 | General Physics I (w/ laboratory) AND |
| Introductory College Physics 1 | 3 | PS 215 | General Physics II (w/ laboratory) |
| | | P3 225 | General Physics II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSY 213 | General Psychology |
| Sociology | , , | 131213 | оспетит зуспоюду |
| Introduction to Sociology | 3 | SY 213 | Fundamental Sociology |
| History | , , | 31 213 | - andamental sociology |
| American History or National Government | 3 | HY 213 | United States History to 1877 |
| Contractory of reactional devertiment | , | HY 223 | United States History Since 1877 |

| | | PLS 213 | American Federal Government |
|---|----------|---------|-------------------------------------|
| Two-semester sequence of History of Civilization or World History | 6 | HY 113 | History of Western Civilization I |
| | | HY 123 | History of Western Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CT 114 | Computer Information Systems |
| | | CT 213 | Microcomputer Business Applications |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 |
| | CY 204 | Chemistry II for Health Sciences: Intro to |
| Biochemistry | | 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 |

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|----------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SP 243 | Fundamentals of Speech |
| FINE ADTO AN INCANITIFO | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| | | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | PSY 213 | General Psychology |
| | | SY 213 | Fundamental Sociology |
| | | ES 213 | Principles of Macroeconomics |
| | | ES 223 | Principles of Microeconomics |
| | | GEOG 213 | Introductory Geography |
| ELECTIVES ² | 11 | | |
| | | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enr program but prior to graduation. | olling in the | | |

| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
|--|----------|--------|--|
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BY 114 | General Biology I (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BY 224 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CY 114 | General Chemistry I (w/ laboratory) |
| | | CY 124 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CY 214 | Organic Chemistry I (w/ laboratory) |
| | | BY 124 | General Biology II (w/ laboratory) |
| | | BY 134 | General Zoology (w/laboratory) |
| | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MS 123 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MS 253 | Math Statistics |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SP 243 | Fundamentals of Speech |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MS 123 | College Algebra |
| CCITAICE | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BY 114 | General Biology I (w/ laboratory) |
| | | BY 224 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CY 114 | General Chemistry I (w/ laboratory) |
| • | | CY 124 | General Chemistry II (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PS 215 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | FA 213 | Fine Arts |
| , | - | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| • | | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |

| Social Sciences | | | |
|--|----|----------|------------------------------|
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | PSY 213 | General Psychology |
| | | SY 213 | Fundamental Sociology |
| | | ES 213 | Principles of Macroeconomics |
| | | ES 223 | Principles of Microeconomics |
| | | GEOG 213 | Introductory Geography |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SP 243 | Fundamentals of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BY 114 | General Biology I (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| all body systems ² | 0 | D1 134 | |
| <u> </u> | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BY 224 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CY 114 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 2 | 54.242 | |
| Music, Art, Theater | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 153 | Introduction to Philosophy |
| <u> </u> | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| J. and omice outles of Haddian Government | , , | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Psychology | | . 10 210 | |
| General Psychology | 3 | PSY 213 | General Psychology |

| Sociology | | | |
|---------------------------|----|--------|-------------------------------------|
| Introduction to Sociology | 3 | SY 213 | Fundamental Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|---|-----------------|-----------------|---|
| Anatomy | 3 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BY 114 | General Biology I (w/ laboratory) |
| - General and specialized courses | | BY 124 | General Biology II (w/ laboratory) |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BY 224 | Microbiology (w/ laboratory) |
| Neuroscience | | | |
| Chemistry | 6 | CY 114 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CY 124 | General Chemistry II (w/ laboratory) |
| | | CY 214 | Organic Chemistry I (w/ laboratory) |
| Physics | 6 | PS 215 | General Physics I (w/ laboratory) |
| - Two semesters of general physics | | PS 225 | General Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MS 253 | Math Statistics |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSY 213 | General Psychology |
| - General and specialized courses. | | PSY 243 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|---|-----------------|-----------------|---|
| General/Principles of Biology I and II with Laboratory* | 8 | BY 114 | General Biology I (w/ laboratory) |
| | | BY 124 | General Biology II (w/ laboratory) |
| | | BY 134 | General Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| Human Physiology with Laboratory | 4 | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology with Laboratory | 4 | BY 224 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CY 114 | General Chemistry I (w/ laboratory) |
| | | CY 124 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CY 214 | Organic Chemistry I (w/ laboratory) |
| General Psychology | 3 | PSY 213 | General Psychology |
| Biostatistics or Statistics | 3 | MS 253 | Math Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SP 243 | Fundamentals of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| aboratory | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 153 | Introduction to Philosophy |
| • | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1977 |
| Thistory of the Officed States of National Government | 3 | HY 223 | United States History to 1877 United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Sociology | | F L3 Z13 | American rederal government |
| Introduction to Sociology | 3 | SY 213 | Fundamental Sociology |
| Psychology | | 51 213 | - andamental sociology |
| General Psychology | 3 | PSY 213 | General Psychology |
| TOTAL | 35 | | |
| IVIAL | 33 | l | |

Only grades of C or higher are acceptable for all prerequisite coursework.

*Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PCC Course Code | PCC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | EH 113 | Composition I |
| | | EH 123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SP 243 | Fundamentals of Speech |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MS 123 | College Algebra |
| Applied Statistics | 3 | MS 253 | Math Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BY 154 | Anatomy & Physiology I (w/ laboratory) |
| | | BY 164 | Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BY 224 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CY 114 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | FA 213 | Fine Arts |
| | | MSC 223 | Music Appreciation |
| | | SP 123 | Introduction to Theatre |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 153 | Introduction to Philosophy |
| | | EH 233 | World Literature I |
| | | EH 243 | World Literature II |
| | | EH 263 | African-American Literature |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HY 213 | United States History to 1877 |
| | | HY 223 | United States History Since 1877 |
| | | PLS 213 | American Federal Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SY 213 | Fundamental Sociology |
| Psychology | | | |

| General Psychology | 3 | PSY 213 | General Psychology |
|-------------------------|----|---------|-----------------------|
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | OT 113 | Medical Terminology I |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



300 S West Ave.

El Dorado, AR 71730

(870) 862-8131

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| ENGLISH/COMMUNICATION English Composition Two-semester sequence of English Composition Fundamentals of Speech or Speech Communication Fundamentals of Speech or Speech Communication Fundamentals of Speech or Speech Communication MATHEMATICS College Algebra (or higher level Mathematics) SCIENCE Biology Biological Science with laboratories Biology Algebra Biology/Lab Chemistry Miscology/Lab Chemistry Two-semester sequence of Chemistry with laboratories Biology/Lab Chemistry If or Science Majors/Lab Chemistry If or Science | Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|--|-----------------|------------------|--------------------------------------|
| Two-semester sequence of English Composition ENGL 1113 Composition ENGL 1123 Principles of Speech ENGL 1124 Principles of Speech ENGL 1125 Principles of Speech ENGL 1126 Principles of Speech ENGL 1264 Principles of Speech ENGL 1265 Principles of Speech ENGL 1 | ENGLISH/COMMUNICATION | | | |
| ENGL 1123 Composition II | English Composition | | | |
| Speech Communication SPCH 1113 Principles of Speech Fundamentals of Speech or Speech Communication 3 SPCH 1113 Principles of Speech MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE BIOL 1004/L Fundamentals of Biology/Lab Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab Biological Science with laboratories BIOL 2064/L Human Anatomy & Physiology I/Lab Biological Science Mine Included (Color) BIOL 2064/L Human Anatomy & Physiology I/Lab Biological Science Mine Included (Color) BIOL 2004/L Kinesiology/Lab Biological Science Mine Included (Color) BIOL 2004/L Kinesiology/Lab Biological Science Mine Included (Color) Mine Included (Color) Chemistry (Color) Chemistry Mine Included (Color) Chemistry (Color) Chemistry (Color) Time Arts Chemistry (Color) Chemistry (Color) Chemistry (Color) Chemistry (Color) Chemistry (Color) <t< td=""><td>Two-semester sequence of English Composition</td><td>6</td><td>ENGL 1113</td><td>Composition I</td></t<> | Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| Fundamentals of Speech or Speech Communication 3 SPCH 1113 Principles of Speech MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE Biology Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab Biological Science with laboratories 8 BIOL 2064/L Biology for Majors/Lab Biol. 1024/L Zology/Lab Biol. 2024/L Zology/Lab Biol. 2024/L Pulman Anatomy & Physiology I/Lab Biol. 2024/L Microbiology/Lab Biol. 2024/L Microbiology/Lab Biol. 2024/L Microbiology/Lab Biol. 2024/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Humanities Humanities Humanities Fine Arts Biol. 2023 Literature I ENGL 2023 Literature I ENGL 2023 Literature I ENGL 2023 American Literature I ENGL 2023 American Literature I ENGL 2023 American Literature I ENGL 2023 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2023 History of the United States to 1876 HIST 2023 History of the United States Since 1876 BIOL 2003 American Government: National Social Sciences | | | ENGL 1123 | Composition II |
| MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE Biology Biology Biology Biology Biology College Algebra 20 BiOL 1004/L Fundamentals of Biology/Lab BiOL 11114/L Biology for Majors/Lab BiOL 1024/L Zoology/Lab BiOL 10264/L Human Anatomy & Physiology I/Lab BiOL 2064/L Minesiology/Lab BiOL 2064/L Minesiology/Lab BiOL 2064/L Minesiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music, Art, Theater 3 ARTI 2003 Music Appreciation Music 2003 Music Appreciation Humanities THEA 2003 Theatre Appreciation Humanities Fine Arts ENGL 2233 Literature I ENGL 2233 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States for National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National | Speech Communication | | | |
| College Algebra (or higher level Mathematics) SCIENCE Biology Biological Science with laboratories Biology Algorithm Majors/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Human Anatomy & Physiology I/Lab Biology Code/L Human Ana | Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Principles of Speech |
| College Algebra (or higher level Mathematics) SCIENCE Biology Biological Science with laboratories Biology Algorithm Majors/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Biology Code/L Biology Code/L Human Anatomy & Physiology I/Lab Human Anatomy & Physiology I/Lab Biology Code/L Human Ana | | | | |
| SCIENCE Biology Biological Science with laboratories 20 BIOL 1004/L Biology for Majors/Lab Biological Science with laboratories 20 BIOL 1014/L Biology for Majors/Lab BIOL 1024/L Coology/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2034/L BIOL 2034/L Kinesiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories BIOL 204/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab Two-semester sequence of Chemistry with laboratories BIOL 2034/L CHEM 1124/L Chemistry II for Science Majors/Lab The Arts/HUMANITIES Thie Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation Theat 2003 Theatre Appreciation Theat 2003 Theatre I ENGL 2223 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature I ENGL 2663 American Literature I PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History of the United States to 1876 History of the United States to 1876 History of the United States to 1876 PSCI 2003 American Government: National Social Sciences | MATHEMATICS | | | |
| Biology Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab BIOL 10114/L Biology for Majors/Lab BIOL 1024/L Zoology/Lab BIOL 2024/L Goology/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2034/L Kinesiology/Lab BIOL 2034/L Microbiology/Lab BIOL 204/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories B CHEM 1024/L Chemistry If for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 12 | College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Biology Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab BIOL 10114/L Biology for Majors/Lab BIOL 1024/L Zoology/Lab BIOL 2024/L Goology/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2034/L Kinesiology/Lab BIOL 2034/L Microbiology/Lab BIOL 204/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories B CHEM 1024/L Chemistry If for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 12 | | | | |
| Biological Science with laboratories 20 BIOL 1004/L Fundamentals of Biology/Lab BIOL 1114/L Biology for Majors/Lab BIOL 1024/L Zoology/Lab BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2304/L Kinesiology/Lab MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab Chemistry II for Sc | SCIENCE | | | |
| BIOL 1114/L Biology for Majors/Lab BIOL 1024/L Zoology/Lab BIOL 2024/L Zoology/Lab BIOL 2024/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2304/L Kinesiology/Lab MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab Chemistry II | Biology | | | |
| BIOL 1024/L BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 8 ENGL 2213 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 PSCI 2003 American Government: National Social Sciences | Biological Science with laboratories | 20 | BIOL 1004/L | Fundamentals of Biology/Lab |
| BIOL 1024/L BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2074/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry If or Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab BIOL 2003/Lab CHEM 1124/L Chemistry II for Science Majors/Lab Chemistry II fo | - | | BIOL 1114/L | Biology for Majors/Lab |
| BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2304/L Kinesiology/Lab BIOL 2304/L Kinesiology/Lab MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for S | | | BIOL 1024/L | |
| BIOL 2074/L Human Anatomy & Physiology II/Lab BIOL 2304/L Kinesiology/Lab MBIO 1124/L Microbiology/Lab MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry If or Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab C | | | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| BIOL 2304/L Kinesiology/Lab MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab Chemistry II for Science | | | BIOL 2074/L | |
| MBIO 1124/L Microbiology/Lab Chemistry Two-semester sequence of Chemistry with laboratories 8 CHEM 1024/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music Appreciation Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | | |
| Chemistry CHEM 1024/L Chemistry I for Science Majors/Lab Two-semester sequence of Chemistry with laboratories 8 CHEM 1124/L Chemistry II for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music, Art, Theater 3 ARTI 2003 Music Appreciation Humanities THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | MBIO 1124/L | - · · |
| Two-semester sequence of Chemistry with laboratories CHEM 1024/L Chemistry I for Science Majors/Lab CHEM 1124/L Chemistry II for Science Majors/Lab C | Chemistry | | | |
| FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities BENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government A HIST 2013 History of the United States Since 1876 HIST 2023 American Government: National Social Sciences | Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| FINE ARTS/HUMANITIES Image: Common of the United States or National Government: National Social Sciences Image: Common of the United States or National Government: National Sciences Fine Arts Image: Common of the United States or National Science (1876) Image: Common of the United States or National Government ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation Theatre Appreciation THEA 2003 Theatre Appreciation ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy Introduction to Philosophy Introduction to Philosophy SOCIAL SCIENCES Introduction to Philosophy History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National | | | CHEM 1124/L | Chemistry II for Science Majors/Lab |
| Music, Art, Theater 3 ARTI 2003 Art Appreciation Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 American Government: National Social Sciences | FINE ARTS/HUMANITIES | | | |
| MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States Since 1876 HIST 2023 American Government: National Social Sciences | Fine Arts | | | |
| MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States Since 1876 HIST 2023 American Government: National Social Sciences | Music, Art, Theater | 3 | ARTI 2003 | Art Appreciation |
| THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities SENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | MUSI 2003 | |
| Humanities ENGL 2213 Literature I Philosophy, Political Science, Literature, or Humanities 3 ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES Introduction to Philosophy History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | THEA 2003 | 1.1 |
| ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | Humanities | | | |
| ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| ENGL 2663 American Literature II PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | ENGL 2223 | Literature II |
| PHIL 2003 Introduction to Philosophy SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | ENGL 2653 | American Literature I |
| SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | ENGL 2663 | American Literature II |
| SOCIAL SCIENCES History History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | PHIL 2003 | Introduction to Philosophy |
| History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | | , |
| History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | SOCIAL SCIENCES | | | |
| History of the United States or National Government 3 HIST 2013 History of the United States to 1876 HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | | | | |
| HIST 2023 History of the United States Since 1876 PSCI 2003 American Government: National Social Sciences | • | 3 | HIST 2013 | History of the United States to 1876 |
| PSCI 2003 American Government: National Social Sciences | | | | - |
| Social Sciences | | | | - |
| | Social Sciences | | | |
| Office pocing policines I of LECON 2003 I Macroeconomic Miniciples | Other Social Sciences | 6 | ECON 2003 | Macroeconomic Principles |

| | | ECON 2103 | Microeconomic Principles |
|-----------|-----------|-----------|---------------------------|
| | | GEOG 2003 | Introduction to Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2003 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1004/L | Fundamentals of Biology/Lab |
| course is also acceptable.) | 7 | , | |
| | | BIOL 1114/L | Biology for Majors/Lab |
| | | BIOL 1024/L | Zoology/Lab |
| Microbiology | | | |
| Microbiology with laboratory | 4 | MBIO 1124/L | Microbiology/Lab |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2064 | Human Anatomy & Physiology I |
| not required) | | | |
| | | BIOL 2074 | Human Anatomy & Physiology II |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| | | HIST 2023 | History of the United States Since 1876 |
| | | PSCI 2003 | American Government: National |

| Psychology | | | |
|---------------------------|----|-----------|---------------------------|
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2003 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| laboratory | _ | , | |
| | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| Physics | | | |
| Introductory College Physics** | 3 | N/A | No Courses Offered |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | . 5. 6 2005 | 20 |
| Introduction to Sociology | 3 | SOCI 2003 | Introduction to Sociology |
| History | | | |
| American History or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| • | | HIST 2023 | History of the United States Since 187 |

| | | PSCI 2003 | American Government: National |
|---|----------|-----------|--------------------------------------|
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1003 | History of Civilization to 1700 |
| | | HIST 1013 | History of Civilization Since 1700 |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CSCI 1003 | Computers and Information Processing |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | SACC Course Code | SACC Course Name |
|--|------------------|------------------------------------|
| A minimum of two quarters or one semester in each 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 | N/A | No Courses Offered |
| 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 |

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|--|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| | | HIST 2023 | History of the United States Since 1876 |
| | | PSCI 2003 | American Government: National |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ECON 2003 | Macroeconomic Principles |
| | | ECON 2103 | Microeconomic Principles |
| | | GEOG 2003 | Introduction to Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2003 | Introduction to Sociology |
| ELECTIVES ² | 11 | | |
| | | | |
| SUBTOTAL | 35 | | |
| | | | |

| *6 hours of core curriculum may be completed after enro | olling in the | | |
|--|---------------|-------------|-------------------------------------|
| program but prior to graduation. | | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1004/L | Fundamentals of Biology/Lab |
| Anatomy & Physiology with laboratory | 4 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| Microbiology with laboratory | 4 | MBIO 1124/L | Microbiology/Lab |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| | | CHEM 1124/L | Chemistry II for Science Majors/Lab |
| SCIENCE ELECTIVES ² | 8 | BIOL 1114/L | Biology for Majors/Lab |
| | | BIOL 1024/L | Zoology/Lab |
| | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| | | BIOL 2304/L | Kinesiology/Lab |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1023 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2103 | Introduction to Statistics |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1004/L | Fundamentals of Biology/Lab |
| <u> </u> | | BIOL 1114/L | Biology for Majors/Lab |
| | | MBIO 1124/L | Microbiology/Lab |
| Chemistry | | , | |
| General Chemistry I ³ | 4 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| Physics | | · | |
| General Physics I ⁴ | 4 | N/A | No Courses Offered |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | i i |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| | | HIST 2023 | History of the United States Since 1876 |

| | | PSCI 2003 | American Government: National |
|--|----|-----------|-------------------------------|
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2003 | Macroeconomic Principles |
| | | ECON 2103 | Microeconomic Principles |
| | | GEOG 2003 | Introduction to Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2003 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| ENGLISH/COMMUNICATION English Composition Two-semester sequence of English Composition ENGLI 113 Composition I ENGL 1123 Composition II Speech Communication 3 SPCH 1113 Principles of Speech MATHEMATICS College Algebra or Speech Communication II AMATH 1023 College Algebra College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra College Algebra Or higher level Mathematics) 4 BIOL 1004/L Fundamentals of Biology/Lab BIOL 1114/L Biology for Majors/Lab Anatomy & Physiology I & II with laboratory that covers all body systems BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology I/Lab Microbiology Microbiology Microbiology With laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES FINE ARTS/HUMANITIES FINE ARTS FINE ARTS/HUMANITIES FINE ARTS/HUMANI | Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|---|-----------------|------------------|--------------------------------------|
| Two-semester sequence of English Composition ENGL 1123 Composition ENGL 1123 Composition Speech Communication | ENGLISH/COMMUNICATION | | | |
| ENGL 1123 Composition II | English Composition | | | |
| Speech Communication Fundamentals of Speech or Speech Communication 3 SPCH 1113 Principles of Speech | Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| Fundamentals of Speech or Speech Communication¹ 3 SPCH 1113 Principles of Speech MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE Biology Principles of biology course with laboratory 4 BIOL 1004/L Fundamentals of Biology/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2064/L Human Anatomy & Physiology I/Lab Microbiology Microbiology Microbiology with laboratory 4 MBIOL 1124/L Microbiology/I/Lab Microbiology With laboratory 4 MBIOL 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2653 American Literature II ENGL 2663 American Literature II | | | ENGL 1123 | Composition II |
| MATHEMATICS College Algebra (or higher level Mathematics) SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2074/L Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology with laboratory 4 MBIO 1124/L Microbiology With laboratory 4 MBIO 1124/L Microbiology I & II with laboratory A MBIO 1124/L Chemistry Frinciples of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab Microbiology The Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2653 American Literature II ENGL 2663 American Literature II | Speech Communication | | | |
| College Algebra (or higher level Mathematics) SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2064/L Microbiology Microbiology Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Microbiology Microbiology Microbiology Microbiology Microbiology Microbiology Chemistry Principles of chemistry course 4 MBIO 1124/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music Appreciation THEA 2003 Music Appreciation Humanities Philosophy, Political Science, Literature, or Humanities BNGL 2213 Literature I ENGL 2253 American Literature II ENGL 2653 American Literature II | Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1113 | Principles of Speech |
| College Algebra (or higher level Mathematics) SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2064/L BIOL 2074/L Human Anatomy & Physiology II/Lab Microbiology Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music Appreciation Humanities Philosophy, Political Science, Literature, or Humanities BNGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II | | | | |
| SCIENCE Biology Principles of biology course with laboratory A BIOL 1004/L Fundamentals of Biology/Lab BIOL 1114/L Biology for Majors/Lab Anatomy & Physiology I & II with laboratory that covers all body systems ² BIOL 2074/L Human Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory Microbiology with laboratory A MBIO 1124/L Microbiology/Lab Chemistry CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation Humanities Humanities Philosophy, Political Science, Literature, or Humanities 5 ENGL 2213 Literature I ENGL 2653 American Literature II ENGL 2663 American Literature II | MATHEMATICS | | | |
| Biology Principles of biology course with laboratory 4 BIOL 1004/L Fundamentals of Biology/Lab BIOL 1114/L Biology for Majors/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² 8 BIOL 2064/L Human Anatomy & Physiology I/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature II | College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Biology Principles of biology course with laboratory 4 BIOL 1004/L Fundamentals of Biology/Lab BIOL 1114/L Biology for Majors/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² 8 BIOL 2064/L Human Anatomy & Physiology I/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature II | | | | |
| Principles of biology course with laboratory 4 BIOL 1004/L Biology for Majors/Lab BIOL 1114/L Biology for Majors/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² 8 BIOL 2064/L Human Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation Humanities Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 223 Literature II ENGL 2663 American Literature II | SCIENCE | | | |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² 8 BIOL 2064/L Human Anatomy & Physiology I/Lab BIOL 2074/L Human Anatomy & Physiology II/Lab Microbiology Microbiology With laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2663 American Literature II | Biology | | | |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² BIOL 2064/L BIOL 2074/L Human Anatomy & Physiology I/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation Music Appreciation Humanities Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2223 Literature I ENGL 2653 American Literature II | Principles of biology course with laboratory | 4 | BIOL 1004/L | Fundamentals of Biology/Lab |
| all body systems2 BIOL 2064/L BIOL 2074/L Human Anatomy & Physiology I/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 8 ENGL 2213 Literature I ENGL 2653 American Literature II | | | BIOL 1114/L | Biology for Majors/Lab |
| BIOL 2074/L Human Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 MBIO 1124/L Microbiology/Lab Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2663 American Literature II | Anatomy & Physiology I & II with laboratory that covers | 0 | BIOL 2064/I | Human Anatomy & Physiology I/Lah |
| Microbiology MBIO 1124/L Microbiology/Lab Chemistry CHEM 1024/L Chemistry I for Science Majors/Lab Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES | all body systems ² | ٥ | BIOL 2004/L | Human Anatomy & Physiology I/Lab |
| Microbiology with laboratory Chemistry Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature II | | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| Chemistry 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES | Microbiology | | | |
| Principles of chemistry course 4 CHEM 1024/L Chemistry I for Science Majors/Lab FINE ARTS/HUMANITIES S STATE STAT | Microbiology with laboratory | 4 | MBIO 1124/L | Microbiology/Lab |
| FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2213 Literature I ENGL 2653 American Literature II | Chemistry | | | |
| Fine ArtsSeries ArtsMusic, Art, Theater3ARTI 2003Art AppreciationMUSI 2003Music AppreciationTHEA 2003Theatre AppreciationHumanitiesTHEA 2003Theatre AppreciationPhilosophy, Political Science, Literature, or Humanities3ENGL 2213Literature IENGL 2223Literature IIENGL 2653American Literature IENGL 2663American Literature II | Principles of chemistry course | 4 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| Fine ArtsSeries ArtsMusic, Art, Theater3ARTI 2003Art AppreciationMUSI 2003Music AppreciationTHEA 2003Theatre AppreciationHumanitiesTHEA 2003Theatre AppreciationPhilosophy, Political Science, Literature, or Humanities3ENGL 2213Literature IENGL 2223Literature IIENGL 2653American Literature IENGL 2663American Literature II | | | | |
| Music, Art, Theater 3 ARTI 2003 Art Appreciation MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II | FINE ARTS/HUMANITIES | | | |
| MUSI 2003 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II | Fine Arts | | | |
| THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II | Music, Art, Theater | 3 | ARTI 2003 | Art Appreciation |
| Humanities ENGL 2213 Literature I ENGL 2223 Literature II ENGL 2653 American Literature II ENGL 2663 American Literature II | | | MUSI 2003 | Music Appreciation |
| Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 Literature I ENGL 2653 American Literature I ENGL 2663 American Literature II | | | THEA 2003 | Theatre Appreciation |
| ENGL 2223 Literature II ENGL 2653 American Literature I ENGL 2663 American Literature II | Humanities | | | |
| ENGL 2653 American Literature I ENGL 2663 American Literature II | Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | Literature I |
| ENGL 2663 American Literature II | | | ENGL 2223 | Literature II |
| | | | ENGL 2653 | American Literature I |
| PHIL 2003 Introduction to Philosophy | | | ENGL 2663 | American Literature II |
| | | | PHIL 2003 | Introduction to Philosophy |
| | | | | |
| SOCIAL SCIENCES | SOCIAL SCIENCES | | | |
| History | History | | | |
| History of the United States or National Government 3 HIST 2013 History of the United States to 1876 | History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| HIST 2023 History of the United States Since 1876 | | | HIST 2023 | |
| PSCI 2003 American Government: National | | | PSCI 2003 | |

| Psychology | | | |
|---------------------------|----|-----------|---------------------------|
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2003 | Introduction to Sociology |
| | | | |
| Electives 9 | 0 | 9 | Additional science/math |
| Electives | 9 | | recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|---|-----------------|------------------|-------------------------------------|
| Anatomy | 3 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1004/L | Fundamentals of Biology/Lab |
| - General and specialized courses | | BIOL 1114/L | Biology for Majors/Lab |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 1024/L | Zoology/Lab |
| Neuroscience | | | |
| | | BIOL 2304/L | Kinesiology/Lab |
| | | MBIO 1124/L | Microbiology/Lab |
| Chemistry | 6 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| - Two semesters of general or specialized chemistry | | CHEM 1124/L | Chemistry II for Science Majors/Lab |
| Physics | 6 | N/A | No Courses Offered |
| - Two semesters of general physics | | | |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MATH 2103 | Introduction to Statistics |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 2003 | General Psychology |
| - General and specialized courses. | | PSYC 2203 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|---|-----------------|------------------|-------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1114/L | Biology for Majors/Lab |
| | | BIOL 1024/L | Zoology/Lab |
| Human Anatomy with Laboratory** | 4 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| Human Physiology with Laboratory | 4 | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| Microbiology with Laboratory | 4 | MBIO 1124/L | Microbiology/Lab |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| | | CHEM 1124/L | Chemistry II for Science Majors/Lab |
| Organic Chemistry I with Laboratory | 4 | N/A | No Courses Offered |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 2103 | Introduction to Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | Literature I |
| Electrical et al. (1) Trainianties y | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| | | | 1 |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| | | HIST 2023 | History of the United States Since 1876 |
| | | PSCI 2003 | American Government: National |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2003 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| | | _ | |

| TOTAL | 35 | |
|-------|----|--|

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SACC Course Code | SACC Course Name |
|--|-----------------|------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Principles of Speech |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Applied Statistics | 3 | MATH 2103 | Introduction to Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | _ | | |
| laboratory*** | 8 | BIOL 2064/L | Human Anatomy & Physiology I/Lab |
| | | BIOL 2074/L | Human Anatomy & Physiology II/Lab |
| Microbiology | | | |
| Microbiology with laboratory | 4 | MBIO 1124/L | Microbiology/Lab |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1024/L | Chemistry I for Science Majors/Lab |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ARTI 2003 | Art Appreciation |
| | | MUSI 2003 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | Literature I |
| · | | ENGL 2223 | Literature II |
| | | ENGL 2653 | American Literature I |
| | | ENGL 2663 | American Literature II |
| | | PHIL 2003 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | History of the United States to 1876 |
| matery of the officed states of National Government | , J | HIST 2023 | History of the United States to 1870 History of the United States Since 1876 |
| | | PSCI 2003 | American Government: National |
| Sociology | | | |

| Introduction to Sociology | 3 | SOCI 2003 | Introduction to Sociology |
|---------------------------|----|-----------|---------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | HCIT 1003 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Southern Arkansas University 100 E University St. Magnolia, AR 71753 (870) 235-4000

Southern Arkansas University

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|-----------------|---------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Introduction to Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1103/1101 | University Biology I/Lab |
| | | BIOL 1113/1111 | University Biology II/Lab |
| | | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| | | BIOL 2113/2111 | General Zoology/Lab |
| | | BIOL 3032/3022 | General Microbiology/Lab |
| | | BIOL 3033/3031 | Genetics/Lab |
| | | BIOL 4013/4011 | Ecology/Lab |
| | | BIOL 4213/4221 | Histology/Lab |
| | | | |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1013/1011 | College Chemistry I/Lab |
| | | CHEM 1113/1111 | College Chemistry II/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| | | CHEM 1123/1121 | University Chemistry II/Lab |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| _ | | ENGL 3633 | American Literature II |
| _ | | ENGL 4623 | British Literature I |
| | + | ENGL 4633 | British Literature II |

| | | PHIL 2403 | Introduction to Philosophy |
|---|-----------|-----------|-------------------------------|
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |
| | | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Social Sciences | | | |
| Other Social Sciences | 6 | ECON 2103 | Principles of Microeconomics |
| | | ECON 2203 | Principles of Macroeconomics |
| | | GEOG 2003 | Introduction to Geography |
| | | PSYC 2003 | General Psychology |
| | | SOC 1003 | General Anthropology |
| | | SOC 2003 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Southern Arkansas University

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|-----------------|---------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1113 | Introduction to Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1013/1011 | College Chemistry I/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1103/1101 | University Biology I/Lab |
| course is also acceptable.) | 4 | BIOL 1103/1101 | |
| | | BIOL 2113/2111 | General Zoology/Lab |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 3032/3022 | General Microbiology/Lab |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2063 | Anatomy and Physiology I |
| not required) | | BIOL 2003 | Anatomy and mysiology i |
| | | BIOL 2073 | Anatomy and Physiology II |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| | | ENGL 3633 | American Literature II |
| | | ENGL 4623 | British Literature I |
| | | ENGL 4633 | British Literature II |
| | | PHIL 2403 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |

| History | | | |
|---|----|-----------|-------------------------------|
| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |
| | | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2003 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Southern Arkansas University

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|------------------|---------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1113 | Introduction to Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| laboratory | | , | |
| | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| Physics | 2 | DLIVE 2002 /2004 | |
| Introductory College Physics** | 3 | PHYS 2003/2001 | College Physics I/Lab AND |
| | | PHYS 2103/2101 | College Physics II/Lab |
| | | PHYS 2203/2201 | University Physics I/Lab AND |
| | | PHYS 2213/2211 | University Physics II/Lab |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| | | ENGL 3633 | American Literature II |
| | | ENGL 4623 | British Literature I |
| | | ENGL 4633 | British Literature II |
| | | PHIL 2403 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| Psychology | | | |

| General Psychology | 3 | PSYC 2003 | General Psychology |
|---|-----|------------|-------------------------------|
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2003 | Introduction to Sociology |
| History | | | |
| American History or National Government | 3 | HIST 2013 | U.S. History I |
| | | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Two-semester sequence of History of Civilization or | 6 | HIST 1003 | World History I |
| World History | O O | 11131 1003 | World History I |
| | | HIST 1013 | World History II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | 3 | IS 1003 | Introduction to Computers |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

Southern Arkansas 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 | SAU Course Code | SAU Course Name |
|--|-----------------|---|
| 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 |
| | MATH 3043 | Introduction to Applied Probability and |
| Statistics | | Statistics |
| Laboratory Course (Biology, Chemistry or Biochemistry) | See above | See above |
| RECOMMENDED COURSEWORK | | |
| 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.

Southern Arkansas University

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Minimum Credits | SAU Course Code | SAU Course Name |
|-----------------|-----------------|--|
| | | |
| | | |
| | | |
| 6 | ENGL 1113 | Composition I |
| | ENGL 1123 | Composition II |
| | | |
| 3 | SPCH 1113 | Introduction to Public Speaking |
| | | |
| | | |
| 3 | ΔRT 2013 | Art Appreciation |
| | | Film Appreciation |
| | | Music Appreciation |
| | | Theatre Appreciation |
| | 111EA 2003 | Theatre Appreciation |
| 3 | FNGI 2213 | World Literature I |
| | | World Literature II |
| | | American Literature I |
| | | American Literature II |
| | | British Literature I |
| | | British Literature II |
| | | Introduction to Philosophy |
| | FTIIL 2403 | introduction to Filliosophy |
| | | |
| | | |
| 3 | HIST 2013 | U.S. History I |
| | HIST 2023 | U.S. History II |
| | PSCI 2003 | American Government: National |
| | | |
| 6 | ECON 2103 | Principles of Microeconomics |
| + | ECON 2203 | Principles of Macroeconomics |
| | | Introduction to Geography |
| | PSYC 2003 | General Psychology |
| | SOC 1003 | General Anthropology |
| | | |
| | SOC 2003 | Introduction to Sociology |
| | SOC 2003 | Introduction to Sociology |
| | 3 | 6 ENGL 1113 ENGL 1123 3 SPCH 1113 3 ART 2013 HUM 2003 MUS 2013 THEA 2003 3 ENGL 2213 ENGL 3623 ENGL 3623 ENGL 3623 ENGL 4623 ENGL 4623 ENGL 4633 PHIL 2403 3 HIST 2013 HIST 2023 PSCI 2003 6 ECON 2103 ECON 2203 GEOG 2003 PSYC 2003 SOC 1003 |

| SUBTOTAL | 35 | | |
|---|---------------|----------------|--|
| SUBTUTAL | 33 | | |
| *6 hours of core curriculum may be completed after enro | olling in the | | |
| program but prior to graduation. | | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1103/1101 | University Biology I/Lab |
| Anatomy & Physiology with laboratory | 4 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| Microbiology with laboratory | 4 | BIOL 3032/3022 | General Microbiology/Lab |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with | 8 | CHEM 1013/1011 | College Chemistry I/Lab |
| laboratories | | · | - ' |
| | | CHEM 1113/1111 | College Chemistry II/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| | | CHEM 1123/1121 | University Chemistry II/Lab |
| SCIENCE ELECTIVES ² | 8 | CHEM 3003/3001 | Organic Chemistry I/Lab |
| | | CHEM 3073/3071 | Biochemistry I/Lab |
| | | BIOL 1113/1111 | University Biology II/Lab |
| | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| | | BIOL 2113/2111 | General Zoology/Lab |
| | | BIOL 3033/3031 | Genetics/Lab |
| | | BIOL 4013/4011 | Ecology/Lab |
| | | BIOL 4213/4221 | Histology/Lab |
| MATHEMATICS | | | |
| | 2 | MATH 1022 | College Algebra |
| College Algebra | 3 | MATH 1023 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 3043 | Introduction to Applied Probability and Statistics |
| | | PSYC 3183 | Statistics |
| SUBTOTAL | <u>34</u> | | |
| | | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|-----------------|---------------------------------|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1113 | Introduction to Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1023 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| laboratory | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1103/1101 | University Biology I/Lab |
| <u> </u> | | BIOL 3032/3022 | General Microbiology/Lab |
| Chemistry | | , | 57. |
| General Chemistry I ³ | 4 | CHEM 1013/1011 | College Chemistry I/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2003/2001 | College Physics I/Lab |
| | | PHYS 2203/2201 | University Physics I/Lab |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| | | ENGL 3633 | American Literature II |
| | | ENGL 4623 | British Literature I |
| | | ENGL 4633 | British Literature II |
| | | PHIL 2403 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |

| History | | | |
|--|----|-----------|-------------------------------|
| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |
| | | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2103 | Principles of Microeconomics |
| | | ECON 2203 | Principles of Macroeconomics |
| | | GEOG 2003 | Introduction to Geography |
| | | PSYC 2003 | General Psychology |
| | | SOC 1003 | General Anthropology |
| | | SOC 2003 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

²Course work must cover all body systems and include laboratory credit.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| ENGLISY/COMMUNICATION English Composition Two-semester sequence of English Composition ENGL 1123 Composition I ENGL 1123 Composition I ENGL 1123 Composition I ENGL 1123 Speech Communication Fundamentals of Speech or Speech Communication Fundamentals of Speech or Speech Communication MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra Anatomy & Physiology I/Lab Anatomy & Physiology I/Lab Anatomy & Physiology I/Lab College Chemistry Endogy I/Lab College Chemistry I/Lab College | Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|---|---|-----------------|-----------------|---------------------------------|
| Two-semester sequence of English Composition | ENGLISH/COMMUNICATION | | | |
| ENGL 1123 Composition | English Composition | | | |
| Speech Communication Fundamentals of Speech or Speech Communication¹ 3 SPCH 1113 Introduction to Public Speaking MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE Biology Principles of biology course with laboratory 4 BIOL 1103/1101 University Biology I/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2073/2071 Anatomy & Physiology I/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology I/Lab Microbiology Microbiology With Industry 4 BIOL 1103/1101 University Biology I/Lab Microbiology With Industry 4 BIOL 1103/1101 University Biology I/Lab Chemistry Chemistry Chemistry Chemistry Course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University I/Lab CHEM 1023/1021 Univ | Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| Fundamentals of Speech or Speech Communication¹ 3 SPCH 1113 Introduction to Public Speaking MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra SCIENCE Biology Principles of biology course with laboratory 4 BIOL 1103/1101 University Biology I/Lab Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology 4 BIOL 1103/1101 University Biology II/Lab Microbiology 4 BIOL 103/1101 University Biology II/Lab Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appreciation THEA 2003 Theatre Appreciation HUM 2003 Theatre Appreciation THEA 2003 Theatre Appreciation HUM 2003 T | | | ENGL 1123 | Composition II |
| MATHEMATICS College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra College Algebra (or higher level Mathematics) 3 MATH 1023 College Algebra College Algebra (or higher level Mathematics) College Chemistry Illus (or higher level Ma | Speech Communication | | | |
| College Algebra (or higher level Mathematics) SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems? BIOL 2073/2071 Anatomy & Physiology II/Lab Anatomy & Physiology II/Lab Microbiology BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 College Chemistry Ulab CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 THEA 2003 THEAT 2003 THEAT 2003 Humanities Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2223 World Literature I ENGL 3633 American Literature I ENGL 3633 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1113 | Introduction to Public Speaking |
| College Algebra (or higher level Mathematics) SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems? BIOL 2073/2071 Anatomy & Physiology II/Lab Anatomy & Physiology II/Lab Microbiology BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 College Chemistry Ulab CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 THEA 2003 THEAT 2003 THEAT 2003 Humanities Philosophy, Political Science, Literature, or Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2223 World Literature I ENGL 3633 American Literature I ENGL 3633 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | | |
| SCIENCE Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems? BIOL 2073/2071 Anatomy & Physiology I/Lab Microbiology Microbiology Microbiology with laboratory Anatomy & Physiology II/Lab Microbiology Anatomy & Physiology II/Lab Microbiology With laboratory Anatomy & Physiology II/Lab Microbiology Anatomy & Physiology II/Lab Microbiology With laboratory Anatomy & Physiology II/Lab Chemistry Chemistry Biology I/Lab College Chemistry II/Lab CHEM 1013/1011 College Chemistry II/Lab CHEM 1023/1021 University Chemistry II/Lab CHEM 1023/1021 University Chemistry II/Lab Workersity Chemistry II/Lab Inversity Chemistry II/Lab Inversity Chemistry II/Lab Workersity Chemistry II/Lab Inversity Chemistry II/Lab Inversity Chemistry II/Lab Anatomy & Physiology I | MATHEMATICS | | | |
| Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2063/2061 BIOL 2073/2071 Anatomy & Physiology I/Lab Anatomy & Physiology I/Lab BIOL 2073/2071 Anatomy & Physiology I/Lab Microbiology BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory A BIOL 103/1011 University Biology I/Lab CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Art Appreciation HUM 2003 Film Appreciation Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation FINE ARTS/HUMANITIES FINE ARTS/HUMANITIES FINE ARTS AND ART 2013 ART 4 Appreciation Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation FINE ARTS APP | College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Biology Principles of biology course with laboratory Anatomy & Physiology I & II with laboratory that covers all body systems² BIOL 2063/2061 BIOL 2073/2071 Anatomy & Physiology I/Lab Anatomy & Physiology I/Lab BIOL 2073/2071 Anatomy & Physiology I/Lab Microbiology BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory A BIOL 103/1011 University Biology I/Lab CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Art Appreciation HUM 2003 Film Appreciation Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation FINE ARTS/HUMANITIES FINE ARTS/HUMANITIES FINE ARTS AND ART 2013 ART 4 Appreciation Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation FINE ARTS APP | | | | |
| Principles of biology course with laboratory 4 BIOL 1103/1101 University Biology I/Lab Anatomy & Physiology I & II with laboratory that covers all body systems ² BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology II/Lab Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation Music Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation THEA 2003 World Literature I ENGL 2223 World Literature II ENGL 3623 American Literature II ENGL 3623 British Literature II ENGL 4623 British Literature II ENGL 4624 British Literature II ENGL 4625 British Literature II ENGL 4626 British Literature II ENGL 4627 British Literature II ENGL 4628 British Literature II ENGL 4629 British Literatur | SCIENCE | | | |
| Anatomy & Physiology I & II with laboratory that covers all body systems? BIOL 2073/2071 Anatomy & Physiology II/Lab BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology II/Lab Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry II/Lab CHEM 1023/1021 University Chemistry II/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation FINE ARTS/HUMANITIES FINE ARTS (ART 2013 Art Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatr | Biology | | | |
| BIOL 2073/2071 Anatomy & Physiology (Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology I/Lab Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation ENGL 2223 World Literature I ENGL 3633 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Principles of biology course with laboratory | 4 | BIOL 1103/1101 | University Biology I/Lab |
| BIOL 2073/2071 Anatomy & Physiology II/Lab Microbiology Microbiology with laboratory 4 BIOL 1103/1101 University Biology I/Lab Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation HUM 2003 Theatre Appreciation FINE ARTS/HUMANITIES BY ART 2013 Art Appreciation MUS 2013 Music Appreciation HUM 2003 Theatre Appr | Anatomy & Physiology I & II with laboratory that covers | 0 | BIOL 2063/2061 | Anatomy & Dhysiology I/Lab |
| Microbiology Microbiology with laboratory A BIOL 1103/1101 University Biology I/Lab Chemistry Principles of chemistry course A CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater B ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Theatre Appreciation HUM 2003 Theatre Appreciation FINE ARTS/HUMANITIES B HUM 2003 Theatre Appreciation FINE ACCOUNTY AND THE ACCO | all body systems ² | 8 | | Anatomy & Physiology I/Lab |
| Microbiology with laboratory Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities Sengl 2223 World Literature I ENGL 3633 American Literature I ENGL 3633 American Literature I ENGL 4623 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature I ENGL 4633 British Literature II ENGL 4634 British Literature II ENGL 4635 British Literature II ENGL 4636 British Literature II ENGL 4637 British Literature II ENGL 4638 British Literature II | | | BIOL 2073/2071 | Anatomy & Physiology II/Lab |
| Chemistry Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 8 ENGL 2213 World Literature I ENGL 3623 American Literature I ENGL 3623 American Literature I ENGL 4623 British Literature I ENGL 4633 British Literature II ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Microbiology | | | |
| Principles of chemistry course 4 CHEM 1013/1011 College Chemistry I/Lab CHEM 1023/1021 University Chemistry I/Lab University Che | Microbiology with laboratory | 4 | BIOL 1103/1101 | University Biology I/Lab |
| CHEM 1023/1021 University Chemistry I/Lab FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 World Literature I ENGL 3623 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Chemistry | | | |
| FINE ARTS/HUMANITIES Fine Arts Music, Art, Theater Music Appreciation THEA 2003 Theatre Appreciation THEA 2003 Theatre Appreciation Humanities Find 2003 Music Appreciation THEA 2003 Theatre Appreciation World Literature I ENGL 2223 World Literature II ENGL 3623 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Principles of chemistry course | 4 | CHEM 1013/1011 | College Chemistry I/Lab |
| Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation MUS 2013 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities S ENGL 2213 World Literature I ENGL 3623 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | CHEM 1023/1021 | University Chemistry I/Lab |
| Fine Arts Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities S ENGL 2213 World Literature I ENGL 3623 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | | |
| Music, Art, Theater 3 ART 2013 Art Appreciation HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 World Literature I ENGL 2223 World Literature II ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II ENGL 4633 British Literature II Introduction to Philosophy SOCIAL SCIENCES | FINE ARTS/HUMANITIES | | | |
| HUM 2003 Film Appreciation MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 World Literature I ENGL 2223 World Literature II ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature II ENGL 4623 British Literature II ENGL 4633 British Literature II ENGL 4633 British Literature II ENGL 4633 Introduction to Philosophy SOCIAL SCIENCES | Fine Arts | | | |
| MUS 2013 Music Appreciation THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 World Literature I ENGL 2223 World Literature II ENGL 3623 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Music, Art, Theater | 3 | ART 2013 | Art Appreciation |
| THEA 2003 Theatre Appreciation Humanities Philosophy, Political Science, Literature, or Humanities ENGL 2213 World Literature I ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | HUM 2003 | Film Appreciation |
| Humanities ENGL 2213 World Literature I Philosophy, Political Science, Literature, or Humanities 3 ENGL 2213 World Literature I ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | MUS 2013 | Music Appreciation |
| Philosophy, Political Science, Literature, or Humanities ENGL 2213 ENGL 2223 World Literature II ENGL 3623 American Literature II ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | THEA 2003 | Theatre Appreciation |
| ENGL 2223 World Literature II ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Humanities | | | |
| ENGL 3623 American Literature I ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2213 | World Literature I |
| ENGL 3633 American Literature II ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | ENGL 2223 | World Literature II |
| ENGL 4623 British Literature I ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | ENGL 3623 | American Literature I |
| ENGL 4633 British Literature II PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | ENGL 3633 | American Literature II |
| PHIL 2403 Introduction to Philosophy SOCIAL SCIENCES | | | ENGL 4623 | British Literature I |
| SOCIAL SCIENCES SOCIAL SCIENCES | | | ENGL 4633 | British Literature II |
| SOCIAL SCIENCES SOCIAL SCIENCES | | | PHIL 2403 | Introduction to Philosophy |
| | | | | |
| History | SOCIAL SCIENCES | | | |
| HISTORY | History | | | |

| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |
|---|----|-----------|-------------------------------------|
| | | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2003 | Introduction to Sociology |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1103/1101 | University Biology I/Lab |
| - General and specialized courses | | BIOL 1113/1111 | University Biology II/Lab |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 3032/3022 | General Microbiology/Lab |
| Neuroscience | | | |
| | | BIOL 3033/3031 | Genetics/Lab |
| | | BIOL 4213/4221 | Histology/Lab |
| Chemistry | 6 | CHEM 1013/1011 | College Chemistry I/Lab |
| - Two semesters of general or specialized chemistry | | CHEM 1113/1111 | College Chemistry II/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| | | CHEM 1123/1121 | University Chemistry II/Lab |
| Physics | 6 | PHYS 2003/2001 | College Physics I/Lab |
| - Two semesters of general physics | | PHYS 2103/2101 | College Physics II/Lab |
| Recommended: light, heat, sounds, electricity and mechanics | | PHYS 2203/2201 | University Physics I/Lab |
| | | PHYS 2213/2211 | University Physics II/Lab |
| Statistics | 3 | MATH 3043 | Introduction to Applied Probability and Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | PSYC 3183 | Statistics |
| Psychology | 6 | PSYC 2003 | General Psychology |
| - General and specialized courses. | | PSYC 4033 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|---|-----------------|-----------------|---|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1103/1101 | University Biology I/Lab |
| | | BIOL 1113/1111 | University Biology II/Lab |
| | | BIOL 2113/2111 | General Zoology/Lab |
| Human Anatomy with Laboratory** | 4 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| Human Physiology with Laboratory | 4 | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| Microbiology with Laboratory | 4 | BIOL 3032/3022 | General Microbiology/Lab |
| Medical Genetics/Genetics | 3 | BIOL 3033/3031 | Genetics/Lab |
| General Chemistry I and II with Laboratory | 8 | CHEM 1013/1011 | College Chemistry I/Lab |
| | | CHEM 1113/1111 | College Chemistry II/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| | | CHEM 1123/1121 | University Chemistry II/Lab |
| Organic Chemistry I with Laboratory | 4 | CHEM 3003/3001 | Organic Chemistry I/Lab |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Biostatistics or Statistics | 2 | MATH 3043 | Introduction to Applied Probability and |
| DIOSTATISTICS OF STATISTICS | <u>3</u> | IVIATTI 3043 | Statistics |
| | | PSYC 3183 | Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|--|-----------------|-----------------|---------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Introduction to Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with | | | |
| laboratory* | 8 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| | | ENGL 3633 | American Literature II |
| | | ENGL 4623 | British Literature I |
| | | ENGL 4633 | British Literature II |
| | | PHIL 2403 | Introduction to Philosophy |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |
| , | - | HIST 2023 | U.S. History II |
| | | PSCI 2003 | American Government: National |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2003 | Introduction to Sociology |
| Psychology | | | |

| General Psychology | 3 | PSYC 2003 | General Psychology |
|--------------------|----|-----------|--------------------|
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SAU Course Code | SAU Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1113 | Composition I |
| | | ENGL 1123 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1113 | Introduction to Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1023 | College Algebra |
| Applied Statistics | 3 | MATH 3043 | Introduction to Applied Probability and Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2063/2061 | Anatomy and Physiology I/Lab |
| | | BIOL 2073/2071 | Anatomy and Physiology II/Lab |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 3032/3022 | General Microbiology/Lab |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1013/1011 | College Chemistry I/Lab |
| | | CHEM 1023/1021 | University Chemistry I/Lab |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 2013 | Art Appreciation |
| | | HUM 2003 | Film Appreciation |
| | | MUS 2013 | Music Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 3623 | American Literature I |
| | | ENGL 3633 | American Literature II |
| | | ENGL 4623 | British Literature I |
| | | ENGL 4633 | British Literature II |
| | | PHIL 2403 | Introduction to Philosophy |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | LUCT 2042 | |
| History of the United States or National Government | 3 | HIST 2013 | U.S. History I |

| TOTAL | 58 | | |
|---------------------------|----|-----------|-------------------------------|
| | | | |
| Electives | 11 | | |
| Medical Terminology**** | 1 | BIOL 3403 | Medical Terminology |
| ADDITIONAL REQUIREMENTS | | | |
| | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Psychology | | | |
| Introduction to Sociology | 3 | SOC 2003 | Introduction to Sociology |
| Sociology | | | |
| | | PSCI 2003 | American Government: National |
| | | HIST 2023 | U.S. History II |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



Southeast Arkansas College (SEARK)

1900 S Hazel St.

Pine Bluff, AR 71603

(870) 543-5900

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| | | BIOL 1474 | General Zoology (w/ laboratory) |
| | | BIOL 2454 | Human Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/ laboratory) |
| | | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| | | CHEM 1444 | General Chemistry II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |
| | | HIST 2323 | U.S. History Since 1877 |
| | | POLI 2313 | American Government |
| Social Sciences | | | |

| Other Social Sciences | 6 | ANTH 2333 | Introduction to Anthropology |
|-----------------------|-----------|-----------|------------------------------|
| | | ECON 2313 | Principles of Economics I |
| | | ECON 2323 | Principles of Economics II |
| | | GEOG 2313 | General Geography |
| | | PSYC 2303 | General Psychology |
| | | SOCI 2313 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology course is also acceptable.) | 4 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| , , | | BIOL 1474 | General Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2474 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs not required) | 6 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | _ | | |
| Music, Art, Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities | _ | =1.0.000 | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |

| | | HIST 2323 | U.S. History Since 1877 |
|---------------------------|----|-----------|---------------------------|
| | | POLI 2313 | American Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2303 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2313 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2454 | Human Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 2414 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2303 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2313 | Introduction to Sociology |
| History | | | |

| American History or National Government | 3 | HIST 2313 | U.S. History to 1877 |
|---|----|-----------|---------------------------|
| | | HIST 2323 | U.S. History Since 1877 |
| | | POLI 2313 | American Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1333 | World Civilization I |
| | | HIST 1343 | World Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | 3 | COMP 1123 | Introduction to Computers |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 | N/A | No Courses Offered |
| 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|---------------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPEE 2393 | Oral Communication for Public Address |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |
| | | HIST 2323 | U.S. History Since 1877 |
| | | POLI 2313 | American Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 2333 | Introduction to Anthropology |
| | | ECON 2313 | Principles of Economics I |
| | | ECON 2323 | Principles of Economics II |
| | | GEOG 2313 | General Geography |
| | | PSYC 2303 | General Psychology |
| | | SOCI 2313 | Introduction to Sociology |
| | | | |
| ELECTIVES ² | <u>11</u> | | |
| | | | |

| SUBTOTAL | 35 | | |
|--|-----------|-----------|--|
| | | | |
| *6 hours of core curriculum may be completed after enrolling | ng in the | | |
| program but prior to graduation. | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2454 | Human Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| | | CHEM 1444 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | BIOL 1474 | General Zoology (w/ laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1333 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2373 | Introduction to Statistics |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| | | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2414 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |

| | | HIST 2323 | U.S. History Since 1877 |
|--|----|-----------|------------------------------|
| | | POLI 2313 | American Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 2333 | Introduction to Anthropology |
| | | ECON 2313 | Principles of Economics I |
| | | ECON 2323 | Principles of Economics II |
| | | GEOG 2313 | General Geography |
| | | PSYC 2303 | General Psychology |
| | | SOCI 2313 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 2454 | Human Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | | | 24 1 |
| Principles of chemistry course | 4 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |
| | | HIST 2323 | U.S. History Since 1877 |

| | | POLI 2313 | American Government |
|---------------------------|----|-----------|---------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 2303 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2313 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math |
| Electives | 9 | | recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|--|
| Anatomy | 3 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| - General and specialized courses | | BIOL 1474 | General Zoology (w/ laboratory) |
| Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | 6 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1444 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 2414 | General Physics I (w/laboratory) |
| - Two semesters of general physics | | PHYS 2424 | General Physics II (w/ laboratory) |
| Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | MATH 2373 | Introduction to Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 2303 | General Psychology |
| - General and specialized courses. | | PSYC 2313 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|---|-----------------|-------------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1464 | Principles of Biology (w/ laboratory) |
| | | BIOL 1474 | General Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2474 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| | | CHEM 1444 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | N/A | No Courses Offered |
| General Psychology | 3 | PSYC 2303 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 2373 | Introduction to Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |
| | | HIST 2323 | U.S. History Since 1877 |
| | | POLI 2313 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2313 | Introduction to Sociology |
| Psychology | | | |

| General Psychology | 3 | PSYC 2303 | General Psychology |
|--------------------|----|-----------|--------------------|
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | SEARK Course Code | SEARK Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1313 | English Composition I |
| | | ENGL 1323 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPEE 2393 | Oral Communication for Public Address |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1333 | College Algebra |
| Applied Statistics | 3 | MATH 2373 | Introduction to Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2454 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2464 | Human Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2474 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1434 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | ART 2343 | Art History and Appreciation |
| | | MUSI 2333 | Music History and Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | ENGL 2313 | English Literature I |
| | | ENGL 2323 | English Literature II |
| | | ENGL 2363 | World Literature I |
| | | ENGL 2373 | World Literature II |
| | | HUMA 2313 | Humanities |
| | | PHIL 2313 | History of Philosophy |
| | | PHIL 2323 | Ethics |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2313 | U.S. History to 1877 |
| | | HIST 2323 | U.S. History Since 1877 |
| | | POLI 2313 | American Government |

| Sociology | | | |
|---------------------------|----|-----------|---------------------------|
| Introduction to Sociology | 3 | SOCI 2313 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2303 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | HEAL 1113 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



TEXARKANA COLLEGE

Texarkana College 2500 N Robison Rd. Texarkana, TX 75599 (903) 823-3456

Texarkana College

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1315 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| | | BIOL 1307/1107 | Biology for Science Majors II/laboratory |
| | | · | Biology for Non-Science Majors |
| | | BIOL 1308/1108 | I/laboratory |
| | | DIOL 1200/1100 | Biology for Non-Science Majors |
| | | BIOL 1309/1109 | II/laboratory |
| | | BIOL 1311/1111 | General Botany/laboratory |
| | | BIOL 1313/1113 | General Zoology |
| | | BIOL 1322 | Nutrition and Diet Therapy |
| | | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| | | BIOL 2321/2121 | Microbiology for Science |
| | | BIOL 2321/2121 | Majors/laboratory |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| | | CHEM 1412 | General Chemistry II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |

| TOTAL | 80 | | |
|---|-----------|-----------|-----------------------------------|
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| | | SOCI 1301 | Introductory Sociology |
| | | PSYC 2301 | General Psychology |
| | | GEOG 1303 | World Regional Geography |
| | | ECON 2302 | Principles of Economics II |
| Other Social Sciences | 6 | ECON 2301 | Principles of Economics I |
| Social Sciences | | | |
| | | GOVT 2305 | Federal Government |
| | | HIST 1302 | U.S. History II |
| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
| History | | | |
| SOCIAL SCIENCES | | | |
| | | | |
| | | POLS 2301 | Introduction to Political Science |
| | | ENGL 2333 | World Literature II |

Texarkana College

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1315 | Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| course is also acceptable.) | 4 | BIOL 1300/1100 | Biology for Science Wajors Haboratory |
| | | BIOL 1313/1113 | General Zoology |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2321/2121 | Microbiology for Science |
| | 7 | 5101 2321/2121 | Majors/laboratory |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2301 | Anatomy and Physiology I |
| not required) | | | |
| | | BIOL 2302 | Anatomy and Physiology II |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| | | | |

| SOCIAL SCIENCES | | | |
|---|----------|-----------|------------------------|
| History | | | |
| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
| | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2301 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1301 | Introductory Sociology |
| Lower-level Electives | 6 | | |
| Upper-level Electives | <u>6</u> | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Texarkana College

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | - |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1315 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| laboratory | | · | |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| Physics | 2 | DING 4204 /4404 | |
| Introductory College Physics** | 3 | PHYS 1301/1101 | College Physics I/laboratory <u>and</u> |
| | | PHYS 1302/1102 | College Physics II/laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| | | | |
| SOCIAL SCIENCES | | | |
| Psychology | _ | DCVC 2261 | |
| General Psychology | 3 | PSYC 2301 | General Psychology |

| Sociology | | | |
|---|----------|------------|--------------------------------|
| Introduction to Sociology | 3 | SOCI 1301 | Introductory Sociology |
| History | | | |
| American History or National Government | 3 | HIST 1301 | U.S. History I |
| | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Two-semester sequence of History of Civilization or | 6 | HIST 2321 | World Civilization I |
| World History | Ŭ | 11131 2321 | World Civilization |
| | | HIST 2322 | World Civilization II |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | BCIS 1305 | Business Computer Applications |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 dayslanmant | CDEC | Child Davidenment Associate Training 1/11/11 |
| Child development | 1317/2322/2324 | Child Development Assocaite 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.)
 - 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|-----------------|-----------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1315 | Public Speaking |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
| · | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, | 6 | ECON 2301 | Drinciples of Economics I |
| Geography, or Economics] | D | LCON 2301 | Principles of Economics I |
| | | ECON 2302 | Principles of Economics II |
| | | GEOG 1303 | World Regional Geography |
| | | PSYC 2301 | General Psychology |
| | | SOCI 1301 | Introductory Sociology |
| | | | |
| ELECTIVES ² | <u>11</u> | | |

| SUBTOTAL | 35 | | |
|--|------------|----------------|--|
| | | | |
| *6 hours of core curriculum may be completed after enroll | ing in the | | |
| program but prior to graduation. | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| Anatomy & Physiology with laboratory | 4 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| Microbiology with laboratory | 4 | BIOL 2321/2121 | Microbiology for Science Majors/laboratory |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| | | CHEM 1412 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 2323/2123 | Organic Chemistry I/laboratory |
| | | BIOL 1307/1107 | Biology for Science Majors II/laboratory |
| | | BIOL 1313/1113 | General Zoology |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1314 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 1442 | Elementary Statistical Methods |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|---|-----------------|------------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1315 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1314 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | | | |
| laboratory ² | 8 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| | | BIOL 2321/2121 | Microbiology for Science |
| | | BIOL 2321/2121 | Majors/laboratory |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 1301/1101 | College Physics I/laboratory |
| FINE ADTO (MINAANITIES | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 2 | MUCL 120C | NAia Annuaciation |
| Art, Music or Theater | 3 | MUSI 1306 ARTS 1301 | Music Appreciation |
| | | | Art Appreciation Introduction to Theater |
| Humanities | | DRAM 1310 | Introduction to meater |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| Timosophy, Fondical science, Electatare, of Flamanities | 3 | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| | | . 010 2001 | Saction to Foliated Science |
| | | | |

| History | | | |
|--|----|-----------|----------------------------|
| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
| | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2301 | Principles of Economics I |
| | | ECON 2302 | Principles of Economics II |
| | | GEOG 1303 | World Regional Geography |
| | | PSYC 2301 | General Psychology |
| | | SOCI 1301 | Introductory Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1315 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| Anatomy & Physiology I & II with laboratory that covers | 0 | DIOL 2201/2101 | Amatauru and Dhusialam I/lahaurtau. |
| all body systems ² | 8 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| Microbiology | | | |
| Microbiologywith laboratory | 4 | DIOL 2221/2121 | Microbiology for Science |
| Microbiology with laboratory | 4 | BIOL 2321/2121 | Majors/laboratory |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Introduction to Philosophy |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| | | | |
| SOCIAL SCIENCES | | | |
| | 1 | 1 | |

| History | | | |
|---|----|-----------|-------------------------------------|
| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
| | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2301 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1301 | Introductory Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| - General and specialized courses | | BIOL 1307/1107 | Biology for Science Majors II/laboratory |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 1313/1113 | General Zoology |
| Neuroscience | | | |
| | | BIOL 2321/2121 | Microbiology for Science |
| | | | Majors/laboratory |
| Chemistry | 6 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1412 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 1301/1101 | College Physics I/laboratory |
| - Two semesters of general physics | | PHYS 1302/1102 | College Physics II/laboratory |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MATH 1442 | Elementary Statistical Methods |
| - Recommended: Biostatistics, Research Methods & | | | |
| Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 2301 | General Psychology |
| - General and specialized courses. | | PSYC 2331 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1306/1106 | Biology for Science Majors I/laboratory |
| | | BIOL 1307/1107 | Biology for Science Majors II/laboratory |
| Human Anatomy with Laboratory** | 4 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| Human Physiology with Laboratory | 4 | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| Microbiology with Laboratory | 4 | DIOL 2221/2121 | Microbiology for Science |
| Microbiology with Laboratory | 4 | BIOL 2321/2121 | Majors/laboratory |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| | | CHEM 1412 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 2323/2123 | Organic Chemistry I/laboratory |
| General Psychology | 3 | PSYC 2301 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 1442 | Elementary Statistical Methods |
| | | | |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|------------------------|--------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1315 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| | | | |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| laboratory* | Ŭ | · | |
| | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUSI 1306 | Music Appreciation |
| | | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities (including Philosophy, Political Science, | 3 | PHIL 1301 | Introduction to Philosophy |
| Literature, or Humanities) | | BUIL 2205 | |
| | | PHIL 2306 | Introduction to Ethics |
| | | ENGL 2322 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| COCIAI CCIENCEC | | | |
| SOCIAL SCIENCES | | | |
| History History of the United States or National Government | 3 | HIST 1201 | II S History I |
| History of the United States or National Government | 3 | HIST 1301 HIST 1302 | U.S. History I |
| | | | U.S. History II |
| Sociology | | GOVT 2305 | Federal Government |
| Sociology Introduction to Sociology | 2 | SOCI 1201 | Introductory Cociolom: |
| Introduction to Sociology | 3 | SOCI 1301 | Introductory Sociology |

| Psychology | | | |
|--------------------|----|-----------|--------------------|
| General Psychology | 3 | PSYC 2301 | General Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | TXC Course Code | TXC Course Name |
|--|-----------------|-----------------|--------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1301 | Composition I |
| | | ENGL 1302 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1315 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1314 | College Algebra |
| Applied Statistics | 3 | MATH 1442 | Elementary Statistical Methods |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | | | |
| laboratory*** | 8 | BIOL 2301/2101 | Anatomy and Physiology I/laboratory |
| , | | BIOL 2302/2102 | Anatomy and Physiology II/laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2321/2121 | Microbiology for Science |
| Wild oblology with laboratory | 4 | BIOL 2321/2121 | Majors/laboratory |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1411 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUSI 1306 | Music Appreciation |
| THE THE | 3 | ARTS 1301 | Art Appreciation |
| | | DRAM 1310 | Introduction to Theater |
| Humanities (including Philosophy, Political Science, | 3 | PHIL 1301 | Introduction to Philosophy |
| Literature, or Humanities) | | PHIL 2306 | |
| | | ENGL 2322 | Introduction to Ethics |
| | | | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | ENGL 2327 | American Literature I |
| | | ENGL 2328 | American Literature II |
| | | ENGL 2332 | World Literature I |
| | | ENGL 2333 | World Literature II |
| | | POLS 2301 | Introduction to Political Science |
| SOCIAL SCIENCES | | | |
| | | | |
| History | | 1 | |

| History of the United States or National Government | 3 | HIST 1301 | U.S. History I |
|---|----|-----------|------------------------|
| | | HIST 1302 | U.S. History II |
| | | GOVT 2305 | Federal Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 1301 | Introductory Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2301 | General Psychology |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | MDCA 1213 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



UNIVERSITYOF ARKANSAS

University of Arkansas – Fayetteville

1 University of Arkansas

Fayetteville, AR 72701

(479) 575-2000

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1313 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| | | BIOL 1603/1601L | Principles of Zoology/Laboratory |
| | | BIOL 2013/2011L | General Microbiology/Laboratory |
| | | BIOL 2213/2211L | Human Physiology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| | | BIOL 2323/2321L | General Genetics/Laboratory |
| | | BIOL 2533/2531L | Cell Biology/Laboratory |
| | | | |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| | | CHEM 1123/1121L | University Chemistry II/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |

| | | HIST 2013 | History of the American People 1877 to Present |
|-----------------------|-----------|-----------|---|
| | | PLSC 2003 | American National Government |
| Social Sciences | | | |
| Other Social Sciences | 6 | ANTH 1023 | Introduction to Cultural Anthropology |
| | | ECON 2143 | Basic Economics – Theory and Practice |
| | | GEOS 1123 | Human Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2013 | General Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UA Course Code | <u>UA Course Name</u> |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1313 | Public Speaking |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| | | CHEM 1073/1071L | Fundamentals of Chemistry/Laboratory |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| course is also acceptable.) | 7 | BIOL 1545/1541L | |
| | | BIOL 1603/1601L | Principles of Zoology/Laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2013/2011L | General Microbiology/Laboratory |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2213 | Human Physiology |
| not required) | _ | | |
| | | BIOL 2443 | Human Anatomy |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | _ | | |
| Music, Art, Theater | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre |
| | | COMM 1003 | Appreciation |
| | | COIVIIVI 1003 | Basic Course in the Arts – Film Lecture Basic Course in the Arts – Architecture |
| | | ARCH 1003 | Lecture |
| Humanities | | | LCCCUIE |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| Timosophy, Fontical Science, Literature, or Humanities | , , | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1113 | World Literature II |
| | | VVLII 1123 | World Literature II |
| SOCIAL SCIENCES | | | |
| JOGIAL JULIACES | | | |

| History | | | |
|---|----|-----------|---|
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to Present |
| | | PLSC 2003 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1313 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2213/2211L | Human Physiology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 2013 | College Physics I <u>and</u> |
| | | PHYS 2033 | College Physics II |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |

| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
|---|--------------------|---------------------|--|
| History | | | |
| American History or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to |
| | | 11131 2013 | Present |
| | | PLSC 2003 | American National Government |
| Two-semester sequence of History of Civilization or | 6 | HIST 1113 | Institutions and Ideas of Western |
| World History | U | 11131 1113 | Civilization I |
| | | HIST 1123 | Institutions and Ideas of Western |
| | | 11131 1123 | Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | 3 | ISYS 1123 | Business Application Knowledge – |
| Computer Fundamentals/Applications | <u>5</u> 1313 1123 | Computer Competency | |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 | BIOL 2323/2321L | General Genetics/Laboratory |
| genetics) | | |
| 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | UA Course Code | <u>UA Course Name</u> |
|--|-----------------|----------------|--|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1313 | Public Speaking |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| 00011 00151050 | | | |
| SOCIAL SCIENCES | | | |
| History History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to Present |
| | | PLSC 2003 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 1023 | Introduction to Cultural Anthropology |
| | | ECON 2143 | Basic Economics – Theory and Practice |
| | | GEOS 1123 | Human Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2013 | General Sociology |

| ELECTIVES ² | 11 | | |
|--|--------------|-----------------|---|
| | | | |
| SUBTOTAL | 35 | | |
| | | | |
| *6 hours of core curriculum may be completed after enro | lling in the | | |
| program but prior to graduation. | | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| Anatomy & Physiology with laboratory | 4 | BIOL 2213/2211L | Human Physiology/Laboratory |
| Microbiology with laboratory | 4 | BIOL 2013/2011L | General Microbiology/Laboratory |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| | | CHEM 1123/1121L | University Chemistry II/Laboratory |
| SCIENCE ELECTIVES ² | 8 | CHEM 2613/2611L | Organic Physiological Chemistry/Laboratory |
| | | BIOL 1603/1601L | Principles of Zoology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| | | BIOL 2323/2321L | General Genetics/Laboratory |
| | | BIOL 2533/2531L | Cell Biology/Laboratory |
| | | | |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1203 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | PSYC 2013 | Introduction to Statistics for the Psychology |
| | | STAT 2023 | Biostatistics |
| | | STAT 2303 | Principles of Statistics |
| SUBTOTAL | <u>34</u> | | |
| | | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|--|-----------------|--------------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1313 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2213/2211L | Human Physiology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| | | BIOL 2013/2011L | General Microbiology/Laboratory |
| | | | |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2013/2011L | College Physics I/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities | | | - |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |

| History | | | |
|--|----|-----------|---|
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to Present |
| | | PLSC 2003 | American National Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 1023 | Introduction to Cultural Anthropology |
| | | ECON 2143 | Basic Economics – Theory and Practice |
| | | GEOS 1123 | Human Geography |
| | | PSYC 2003 | General Psychology |
| | | SOCI 2013 | General Sociology |
| LOWER LEVEL ELECTIVES | 33 | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1313 | Public Speaking |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BIOL 2213/2211L | Human Physiology/Laboratory |
| all body systems ² | | , | |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| Microbiology | | DIOL 2042/2044 | |
| Microbiology with laboratory | 4 | BIOL 2013/2011L | General Microbiology/Laboratory |
| Chemistry | 4 | CUENA 4402 /44041 | Heimelia Chamista III abandan |
| Principles of chemistry course | 4 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| FINE ADTC/ULINAANITIEC | | | |
| FINE ARTS/HUMANITIES Fine Arts | | | |
| | 3 | MLIT 1003 | Pacis Course in the Arts - Music Lecture |
| Music, Art, Theater | 3 | ARHS 1003 | Basic Course in the Arts – Music Lecture Basic Course in the Arts – Art Lecture |
| | | AKII3 1003 | Basic Course in the Arts – Theatre |
| | | THTR 1003 | Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | | Basic Course in the Arts – Architecture |
| | | ARCH 1003 | Lecture |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |

| | | HIST 2013 | History of the American People 1877 to |
|---------------------------|----|-----------|--|
| | | | Present |
| | | PLSC 2003 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|---|-----------------|-----------------|---|
| Anatomy | 3 | BIOL 2443/2441L | Human Anatomy/Laboratory |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2213/2211L | Human Physiology/Laboratory |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| - General and specialized courses | | BIOL 1603/1601L | Principles of Zoology/Laboratory |
| - Recommended: Histology, Microbiology, | | | |
| Immunology, Developmental Biology, or | | BIOL 2013/2011L | General Microbiology/Laboratory |
| Neuroscience | | | |
| | | BIOL 2323/2321L | General Genetics/Laboratory |
| | | BIOL 2533/2531L | Cell Biology/Laboratory |
| Chemistry | 6 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| - Two semesters of general or specialized chemistry | | CHEM 1123/1121L | University Chemistry II/Laboratory |
| Physics | 6 | PHYS 2013 | College Physics I |
| - Two semesters of general physics | | PHYS 2033 | College Physics II |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | PSYC 2013 | Introduction to Statistics for the Psychology |
| - Recommended: Biostatistics, Research Methods & | | STAT 2023 | Biostatistics |
| Design, Hypothesis Testing, and Quantitative Analysis | | 31A1 2023 | Biostatistics |
| | | STAT 2303 | Principles of Statistics |
| Psychology | 6 | PSYC 2003 | General Psychology |
| - General and specialized courses. | | PSYC 3023 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|---|-------------------|----------------------|------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1543/1541L | Principles of Biology/Laboratory |
| | | BIOL 2533/2531L | Cell Biology/Laboratory |
| Human Anatomy with Laboratory** | 4 | BIOL 2443/2441L | Human Anatomy/Laboratory |
| Human Physiology with Laboratory | 4 | BIOL 2213/2211L | Human Physiology/Laboratory |
| Microbiology with Laboratory | 4 | BIOL 2013/2011L | General Microbiology/Laboratory |
| Medical Genetics/Genetics | 3 | BIOL 2323/2321L | General Genetics/Laboratory |
| General Chemistry I and II with Laboratory | 8 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| | | CHEM 1123/1121L | University Chemistry II/Laboratory |
| Organic Chemistry I with Laboratory | 4 CHEM 2613/2611L | CHEM 2612/26111 | Organic Physiological |
| Organic Chemistry I with Laboratory | | Chemistry/Laboratory | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| Biostatistics or Statistics | 2 | PSYC 2013 | Introduction to Statistics for the |
| biostatistics of statistics | <u>3</u> | F31C 2013 | Psychology |
| | | STAT 2023 | Biostatistics |
| | | STAT 2303 | Principles of Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1313 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2213/2211L | Human Physiology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to Present |
| | | PLSC 2003 | American National Government |
| Sociology | | | |

| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
|---------------------------|----|-----------|--------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UA Course Code | UA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | Composition I |
| | | ENGL 1023 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1313 | Public Speaking |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| Applied Statistics | 3 | PSYC 2013 | Introduction to Statistics for the Psychology |
| | | STAT 2023 | Biostatistics |
| | | STAT 2303 | Principles of Statistics |
| | | | · |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2213/2211L | Human Physiology/Laboratory |
| | | BIOL 2443/2441L | Human Anatomy/Laboratory |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2013/2011L | General Microbiology/Laboratory |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1103/1101L | University Chemistry I/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MLIT 1003 | Basic Course in the Arts – Music Lecture |
| | | ARHS 1003 | Basic Course in the Arts – Art Lecture |
| | | THTR 1003 | Basic Course in the Arts – Theatre Appreciation |
| | | COMM 1003 | Basic Course in the Arts – Film Lecture |
| | | ARCH 1003 | Basic Course in the Arts – Architecture Lecture |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 2003 | Introduction to Philosophy |
| | | PHIL 2103 | Introduction to Ethics |
| | | WLIT 1113 | World Literature I |
| | | WLIT 1123 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |

| History | | | |
|---|----|-----------|--|
| History of the United States or National Government | 3 | HIST 2003 | History of the American People to 1877 |
| | | HIST 2013 | History of the American People 1877 to Present |
| | | PLSC 2003 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2013 | General Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2003 | General Psychology |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | PBHL 2663 | Terminology for the Health Professions |
| Electives | 11 | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



UNIVERSITY OF ARKANSAS AT LITTLE ROCK

University of Arkansas at Little Rock 2801 S. University Ave Little Rock, AR 72204 (501) 569-3000

University of Arkansas at Little Rock

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|--|-----------------|------------------|---------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| - | | DIOL 4.444 | Intro to Human Anatomy and Physiology |
| | | BIOL 1411 | I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology |
| | | BIOL 1412 | II (w/ Laboratory) |
| | | BIOL 2401 | Microbiology (w/ Laboratory) |
| | | BIOL 2402 | Botany (w/ Laboratory) |
| | | BIOL 2403 | Zoology (w/ Laboratory) |
| | | BIOL 3300/3100 | Genetics/Laboratory |
| | | BIOL 4401 | Cell Biology (w/ Laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| | | CHEM 1403 | General Chemistry II (w/ Laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |

| Social Sciences | | | |
|-----------------------|-----------|-----------|-------------------------------------|
| Other Social Sciences | 6 | ECON 2301 | Survey of Economics |
| | | GEOG 2312 | Introduction to Cultural Geography |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | SOCI 2300 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|--|-----------------|------------------|---------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1300 | Speech Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | DIOL 1401 | Science of Biology (w/ Laboratory) |
| course is also acceptable.) | 4 | BIOL 1401 | Science of Biology (W/ Laboratory) |
| | | BIOL 2403 | Zoology (w/ Laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2401 | Microbiology (w/ Laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 1411 | Intro to Human Anatomy and Physiology |
| not required) | | 5102 1111 | I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology |
| | | | II (w/ Laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 2 | N 44 14 14 22 25 | |
| Music, Art, Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities | 2 | DUIL 1210 | Lating direction to Dhile |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| 000141 001711070 | | | |
| SOCIAL SCIENCES | | | |
| History | _ | LUCT 2246 | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |

| | | POLS 1310 | American National Government |
|---------------------------|----|-----------|-------------------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | UALR Course Code | <u>UALR Course Name</u> |
|---|-----------------|---------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1300 | Speech Communication |
| MATHEMATICS | | | |
| | 2 | NAATU 4202 | Calle an Alankar |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 1411 | Intro to Human Anatomy and Physiology I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 1310 | Physical Concepts |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| | | | |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| History | | | |

| American History or National Government | 3 | HIST 2311 | U.S. History to 1877 |
|---|----------|-----------|------------------------------|
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1311 | History of Civilization I |
| | | HIST 1312 | History of Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CPSC 1370 | Computer Literacy |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|--|--------------------|------------------|-------------------------------------|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ECON 2301 | Survey of Economics |
| | | GEOG 2312 | Introduction to Cultural Geography |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | SOCI 2300 | Introduction to Sociology |
| ELECTIVES ² | <u>11</u> | | |
| | | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enro | l Illing in the | | |
| program but prior to graduation. | | | |

| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
|--|----------|----------------|---|
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 1411 | Intro to Human Anatomy and Physiology I (w/ Laboratory) |
| Microbiology with laboratory | 4 | BIOL 2401 | Microbiology (w/ Laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| | | CHEM 1403 | General Chemistry II (w/ Laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 3350/3150 | General Organic Chemistry I/Laboratory |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| | | BIOL 2403 | Zoology (w/ Laboratory) |
| | | BIOL 3300/3100 | Genetics/Laboratory |
| | | BIOL 4401 | Cell Biology (w/ Laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1302 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | STAT 2350 | Introduction to Statistical Methods |
| | | PSYC 2340 | Statistics & Methods I |
| SUBTOTAL | 34 | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|--|-----------------|------------------|---|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 1411 | Intro to Human Anatomy and Physiology I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| | | BIOL 2401 | Microbiology (w/ Laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 1321/1121 | College Physics I/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |

| Social Sciences | | | |
|--|----|-----------|-------------------------------------|
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ECON 2301 | Survey of Economics |
| | | GEOG 2312 | Introduction to Cultural Geography |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | SOCI 2300 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

²Course work must cover all body systems and include laboratory credit.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|---|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 1411 | Intro to Human Anatomy and Physiology I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2401 | Microbiology (w/ Laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| ristory of the officed states of National Government | 3 | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| | | POLS 1310 | American National Government |

| Psychology | | | |
|---------------------------|----|-----------|-------------------------------------|
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|---|-----------------|------------------|--|
| Anatomy | 3 | BIOL 1411 | Intro to Human Anatomy and |
| Anatomy | 3 | BIOL 1411 | Physiology I (w/ Laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| - General and specialized courses | | BIOL 2401 | Microbiology (w/ Laboratory) |
| Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2403 | Zoology (w/ Laboratory) |
| | | BIOL 3300/3100 | Genetics/Laboratory |
| | | BIOL 4401 | Cell Biology (w/ Laboratory) |
| Chemistry | 6 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1403 | General Chemistry II (w/ Laboratory) |
| Physics | 6 | PHYS 1321/1121 | College Physics I/Laboratory |
| - Two semesters of general physics | | PHYS 1322/1122 | College Physics II/Laboratory |
| Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | STAT 2350 | Introduction to Statistical Methods |
| Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | PSYC 2340 | Statistics & Methods I |
| Psychology | 6 | PSYC 2300 | Psychology and the Human Experience |
| - General and specialized courses. | | PSYC 3360 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|---|---|---------------------------|--------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1401 | Science of Biology (w/ Laboratory) |
| | | BIOL 4401 | Cell Biology (w/ Laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 1411 | Intro to Human Anatomy and |
| numan Anatomy with Laboratory | 4 | BIOL 1411 | Physiology I (w/ Laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 1412 | Intro to Human Anatomy and |
| numan Physiology with Laboratory | 4 | BIOL 1412 | Physiology II (w/ Laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2401 | Microbiology (w/ Laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 3300/3100 | Genetics/Laboratory |
| General Chemistry I and II with Laboratory | 8 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| | | CHEM 1403 | General Chemistry II (w/ Laboratory) |
| Organia Chamistry Lwith Laboratory | rganic Chemistry I with Laboratory 4 CHEM 3350/3150 | General Organic Chemistry | |
| Organic Chemistry I with Laboratory | | CHEINI 3350/3150 | I/Laboratory |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Biostatistics or Statistics | <u>3</u> | STAT 2350 | Introduction to Statistical Methods |
| | | PSYC 2340 | Statistics & Methods I |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|--|-----------------|---------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 1411 | Intro to Human Anatomy and Physiology I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and Physiology II (w/ Laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 | Introduction to Visual Arts |
| | | THEA 2305 | Introduction to Theatre and Dance |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |

| TOTAL | 35 | |
|-------|----|--|

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UALR Course Code | UALR Course Name |
|---|-----------------|------------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | RHET 1311 | Composition I |
| | | RHET 1312 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| Applied Statistics | 3 | STAT 2350 | Introduction to Statistical Methods |
| | | PSYC 2340 | Statistics & Methods I |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 1411 | Intro to Human Anatomy and |
| laboratory*** | 0 | BIOL 1411 | Physiology I (w/ Laboratory) |
| | | BIOL 1412 | Intro to Human Anatomy and |
| | | 5102 1112 | Physiology II (w/ Laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2401 | Microbiology (w/ Laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1402 | General Chemistry I (w/ Laboratory) |
| FINE ADTC/III INAANITIEC | | | |
| FINE ARTS/HUMANITIES | 2 | MALULI 2205 | Latera di catione de Music |
| Fine Arts | 3 | MUHL 2305 | Introduction to Music |
| | | ARHA 2305 THEA 2305 | Introduction to Visual Arts Introduction to Theatre and Dance |
| Humanities / including Philosophy Political Caines | | THEA 2305 | introduction to Theatre and Dance |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1310 | Introduction to Philosophy |
| | | PHIL 2320 | Ethics & Society |
| | | ENGL 2335 | Introduction to Literature |
| | | ENGL 2337 | World Literature |
| | | ENGL 2338 | World Literature Themes |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| Thistory of the Officed States of National Government | 3 | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Sociology | | 1 010 1010 | American National Government |

| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
|---------------------------|----|-----------|--|
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | NURS 1301 | Medical Terminology for Nursing |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



University of Arkansas at Pine Bluff
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Pine Bluff, AR 71601

(870) 575-8000

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|---------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | MCOM 2390 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1450 | Biological Science (w/ laboratory) |
| | | BIOL 1455 | Principles of Biology (w/ laboratory) |
| | | BIOL 1460 | General Zoology (w/ laboratory) |
| | | BIOL 1470 | General Botany (w/ laboratory) |
| | | 5.0.0.5. | Human Anatomy & Physiology I (w/ |
| | | BIOL 2451 | laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/ |
| | | BIOL 2432 | laboratory) |
| | | BIOL 3440 | Genetics (w/ laboratory) |
| | | BIOL 3470 | General Microbiology (w/ laboratory) |
| | | BIOL 3480 | Cell Biology (w/ laboratory) |
| | | BIOL 3490 | Histology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| | | CHEM 1440 | General Chemistry II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 2330 | Music History & Appreciation |
| | | ART 2340 | Art Appreciation and History of Art |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| | | HIST 2318 | United States History since 1877 |

| | | PSCI 2312 | American Government |
|-----------------------|-----------|-----------|------------------------------|
| Social Sciences | | | |
| Other Social Sciences | 6 | SOCI 2330 | Introduction to Anthropology |
| | | ECON 2310 | Principles of Economics I |
| | | ECON 2320 | Principles of Economics II |
| | | GEOG 2360 | World Regional Geography |
| | | PSYC 2300 | General Psychology |
| | | SOCI 2310 | Introduction to Sociology |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | MCOM 2390 | Oral Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1410 | Principles of Chemistry (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1455 | Principles of Biology (w/ laboratory) |
| course is also acceptable.) | • | | |
| | | BIOL 1460 | General Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 3470 | General Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2451 | Human Anatomy & Physiology I (w/ |
| not required) | | 5.012.01 | laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/ |
| | | | laboratory) |
| FINE ADTC/III INAANITIEC | | | |
| FINE ARTS/HUMANITIES Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 2330 | Music History & Appreciation |
| Music, Art, meater | 3 | ART 2340 | Art Appreciation and History of Art |
| Humanities | | ANT 2540 | Art Appreciation and history of Art |
| | 3 | 1111NANI 2201 | Humanitias |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUMN 2301 HUMN 2310 | Humanities History of Philosophy |
| | | | , , , |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| • | | HIST 2318 | United States History since 1877 |
| | | PSCI 2312 | American Government |

| Psychology | | | |
|---------------------------|----|-----------|---------------------------|
| General Psychology | 3 | PSYC 2300 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2310 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|---------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | MCOM 2390 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2451 | Human Anatomy & Physiology I (w/ |
| laboratory | - | | laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/ |
| Physics | | | laboratory) |
| Introductory College Physics** | 3 | PHYS 2410 | General Physics I (w/ laboratory) and |
| introductory conege Physics | 3 | PHYS 2420 | General Physics II (w/ laboratory) |
| | | F1113 2420 | General Filysics II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 2330 | Music History & Appreciation |
| | | ART 2340 | Art Appreciation and History of Art |
| Humanities | | | , |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | General Psychology |
| Sociology | , , | 13102300 | General i Sychology |
| Introduction to Sociology | 3 | SOCI 2310 | Introduction to Sociology |
| History | | 550, 2510 | Saddisii to Sociology |
| American History or National Government | 3 | HIST 2315 | United States History to 1877 |

| | | HIST 2318 | United States History since 1877 |
|---|----------|-----------|--------------------------------------|
| | | PSCI 2312 | American Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1330 | Western Civilization I |
| | | HIST 1340 | Western Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CPSC 2363 | Introduction to Business Programming |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 | BIOL 3440 | Genetics (w/ laboratory) |
| genetics) | | |
| 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.

Medical Laboratory Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| | i e | |
|----|------------------|--|
| | | |
| | | |
| | | |
| 6 | ENGL 1311 | English Composition I |
| | ENGL 1321 | English Composition II |
| | | |
| 3 | MCOM 2390 | Oral Communication |
| | | |
| | | |
| | | |
| 3 | MUSI 2330 | Music History & Appreciation |
| | ART 2340 | Art Appreciation and History of Art |
| | | |
| 3 | HUMN 2301 | Humanities |
| | HUMN 2310 | History of Philosophy |
| | ENGL 2300 | Introduction to Literature |
| | ENGL 2360 | World Literature I |
| | ENGL 2361 | World Literature II |
| | | |
| | | |
| | | |
| 3 | HIST 2315 | United States History to 1877 |
| | HIST 2318 | United States History since 1877 |
| | PSCI 2312 | American Government |
| | | |
| 6 | SOCI 2330 | Introduction to Anthropology |
| | ECON 2310 | Principles of Economics I |
| | ECON 2320 | Principles of Economics II |
| | GEOG 2360 | World Regional Geography |
| | PSYC 2300 | General Psychology |
| | SOCI 2310 | Introduction to Sociology |
| 11 | | |
| 35 | | |
| | 3 3 3 3 | 3 MCOM 2390 3 MUSI 2330 ART 2340 3 HUMN 2301 HUMN 2310 ENGL 2360 ENGL 2361 3 HIST 2315 HIST 2318 PSCI 2312 6 SOCI 2330 ECON 2310 ECON 2320 GEOG 2360 PSYC 2300 SOCI 2310 |

| *6 hours of core curriculum may be completed after enrol | ling in the | | |
|--|-------------|-----------|---|
| program but prior to graduation. | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1450 | Biological Science (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2451 | Human Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 3470 | General Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| | | CHEM 1440 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 3410 | Organic Chemistry I (w/ laboratory) |
| | | BIOL 1455 | Principles of Biology (w/ laboratory) |
| | | BIOL 1460 | General Zoology (w/ laboratory) |
| | | BIOL 1470 | General Botany (w/ laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/laboratory) |
| | | BIOL 3440 | Genetics (w/ laboratory) |
| | | BIOL 3480 | Cell Biology (w/ laboratory) |
| | | BIOL 3490 | Histology (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1330 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2370 | Introduction to Statistics |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | MCOM 2390 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1330 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2451 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1450 | Biological Science (w/ laboratory) |
| | | BIOL 1455 | Principles of Biology (w/ laboratory) |
| | | BIOL 3470 | General Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 2410 | General Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUSI 2330 | Music History & Appreciation |
| | | ART 2340 | Art Appreciation and History of Art |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| | | HIST 2318 | United States History since 1877 |

| | | PSCI 2312 | American Government |
|--|----|-----------|------------------------------|
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | SOCI 2330 | Introduction to Anthropology |
| | | ECON 2310 | Principles of Economics I |
| | | ECON 2320 | Principles of Economics II |
| | | GEOG 2360 | World Regional Geography |
| | | PSYC 2300 | General Psychology |
| | | SOCI 2310 | Introduction to Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|---|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | MCOM 2390 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1455 | Principles of Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 2451 | Human Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 3470 | General Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSI 2330 | Music History & Appreciation |
| | | ART 2340 | Art Appreciation and History of Art |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| | | HIST 2318 | United States History since 1877 |
| | | PSCI 2312 | American Government |
| Psychology | | | |

| General Psychology | 3 | PSYC 2300 | General Psychology |
|---------------------------|----|-----------|-------------------------------------|
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2310 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|--|
| Anatomy | 3 | BIOL 2451 | Human Anatomy & Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2452 | Human Anatomy & Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1450 | Biological Science (w/ laboratory) |
| - General and specialized courses | | BIOL 1455 | Principles of Biology (w/ laboratory) |
| - Recommended: Histology, Microbiology, Immunology, Developmental Biology, or | | BIOL 2440 | Constict (w/laboratory) |
| Neuroscience | | BIOL 3440 | Genetics (w/ laboratory) |
| Neuroscience | | BIOL 3470 | General Microbiology (w/ laboratory) |
| | | BIOL 3480 | Cell Biology (w/ laboratory) |
| Chemistry | 6 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | Ü | CHEM 1440 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 2410 | General Physics I (w/ laboratory) |
| - Two semesters of general physics | Ü | PHYS 2420 | General Physics II (w/ laboratory) |
| Recommended: light, heat, sounds, electricity and mechanics | | 11113 2420 | General Physics II (W) Idaboratory) |
| Statistics | 3 | MATH 2370 | Introduction to Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSYC 2300 | General Psychology |
| - General and specialized courses. | | PSYC 3303 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|---|-----------------|------------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1455 | Principles of Biology (w/ laboratory) |
| | | BIOL 1460 | General Zoology (w/ laboratory) |
| | | BIOL 3480 | Cell Biology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2451 | Human Anatomy & Physiology I (w/laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2452 | Human Anatomy & Physiology II (w/laboratory) |
| Microbiology with Laboratory | 4 | BIOL 3470 | General Microbiology (w/laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 3440 | Genetics (w/ laboratory) |
| General Chemistry I and II with Laboratory | 8 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| | | CHEM 1440 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 3410 | Organic Chemistry I (w/ laboratory) |
| General Psychology | 3 | PSYC 2300 | General Psychology |
| Biostatistics or Statistics | 3 | MATH 2370 | Introduction to Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

<u>Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.</u>

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|-------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | MCOM 2390 | Oral Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| | | | |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with | 8 | BIOL 2451 | Human Anatomy & Physiology I (w/ |
| laboratory* | ŭ | 51012131 | laboratory) |
| | | BIOL 2452 | Human Anatomy & Physiology II (w/ |
| | | | laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUSI 2330 | Music History & Appreciation |
| Tille Aits | 3 | ART 2340 | Art Appreciation and History of Art |
| Humanities (including Philosophy, Political Science, | | ART 2340 | Art Appreciation and History of Art |
| Literature, or Humanities) | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| | | HIST 2318 | United States History since 1877 |
| | | PSCI 2312 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2310 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | General Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

*Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

University of Arkansas at Pine Bluff

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UAPB Course Code | UAPB Course Name |
|--|-----------------|------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | English Composition I |
| | | ENGL 1321 | English Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | MCOM 2390 | Oral Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1330 | College Algebra |
| Applied Statistics | 3 | MATH 2370 | Introduction to Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2451 | Human Anatomy & Physiology I (w/laboratory) |
| , | | BIOL 2452 | Human Anatomy & Physiology II (w/laboratory) |
| Microbiology | | | ,, |
| Microbiology with laboratory | 4 | BIOL 3470 | General Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1430 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUSI 2330 | Music History & Appreciation |
| | | ART 2340 | Art Appreciation and History of Art |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | HUMN 2301 | Humanities |
| | | HUMN 2310 | History of Philosophy |
| | | ENGL 2300 | Introduction to Literature |
| | | ENGL 2360 | World Literature I |
| | | ENGL 2361 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2315 | United States History to 1877 |
| | | HIST 2318 | United States History since 1877 |
| | | PSCI 2312 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2310 | Introduction to Sociology |
| Psychology | | | |

| General Psychology | 3 | PSYC 2300 | General Psychology |
|-------------------------|----|-----------|--------------------|
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | N/A | No Courses Offered |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



University of Arkansas - Pulaski Technical College 3000 W Scenic Dr. North Little Rock, AR 72118 (501) 812-2200

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|--|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| | | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| | | BIOL 2301/2101 | Microbiology |
| | | BIOL 2302/3102 | General Botony |
| | | BIOL 2304/2104 | General Ecology |
| | | BIOL 2305/2105 | General Zoology |
| | | | |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1303/1103 | Fundamental Chemistry I <u>and</u> |
| | | CHEM 1304/1104 | Fundamental Chemistry II |
| | | CHEM 1305/1105 | General Chemistry I <u>and</u> |
| | | CHEM 1306/1106 | General Chemistry II |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSC 2300 | Introduction to Music |
| | | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities | | | |
| Literature courses | 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |

| TOTAL | 80 | | |
|---|----|-----------|--|
| | | | |
| ELECTIVES | 25 | | |
| | | | |
| | | SOCI 2300 | Introduction to Sociology |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | GEOG 2310 | Cultural Geography |
| | | GEOG 1310 | Physical Geography |
| | | ECON 2323 | Principles of Macroeconomics |
| | | ECON 2322 | Principles of Microeconomics |
| Other Social Sciences | 6 | ANTH 2310 | Cultural Anthropology |
| Social Sciences | | ANTH 1415 | Physical Anthropology |
| | | | |
| · | | POLS 1310 | American National Government |
| History of the United States or National Government | 3 | HIST 2312 | U.S. History since 1877 |
| History | | HIST 2311 | U.S. History to 1877 |
| SOCIAL SCIENCES | | | |
| | | | |
| | | | Present |
| | | ENGL 2338 | World Literature from 1650 to the |
| | | ENGL 2337 | 1650 |
| | | | World Literature from the Beginning to |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1300 | Speech Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) |
| | | | |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| course is also acceptable.) | 4 | | |
| | | BIOL 2305/2105 | General Zoology (w/ laboratory) |
| | | | |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 1304 | Human Anatomy and Physiology I (w/ |
| not required) | | | laboratory) |
| | | BIOL 1305 | Human Anatomy and Physiology II (w/ |
| | | | laboratory) |
| FINE ADTC/III INAANITIEC | | | |
| FINE ARTS/HUMANITIES Fine Arts | | | |
| Music, Art, Theater | 3 | MUSC 2300 | Introduction to Music |
| Wusic, Art, Theater | 3 | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction of Visual Arts Introduction to Theatre |
| Humanities | | 111LA 2300 | introduction to meatre |
| Transcribes | | | English Literature from the Beginning to |
| Literature courses | 3 | ENGL 2333 | 1785 |
| | | | English Literature from 1785 to the |
| | | ENGL 2334 | Present |
| | | ENGL 222E | American Literature from the Beginning |
| | | ENGL 2335 | to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the |
| | | LINGL 2330 | Present |

| | | ENGL 2337 | World Literature from the Beginning to 1650 |
|---|----|-----------|---|
| | | ENGL 2338 | World Literature from 1650 to the Present |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | HIST 2311 | U.S. History to 1877 |
| History of the United States or National Government | 3 | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Psychology | | PSYC 2300 | Psychology and the Human Experience |
| General Psychology | 3 | | |
| Sociology | | SOCI 2300 | Introduction to Sociology |
| Introduction to Sociology | 3 | | |
| Lower-level Electives | 6 | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPCH 1300 | Speech Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/ laboratory) |
| | | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 1301 | Applied Physics |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSC 2300 | Introduction to Music |
| | | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities | | | |
| Literature courses | 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |
| | | ENGL 2337 | World Literature from the Beginning to 1650 |
| | | ENGL 2338 | World Literature from 1650 to the Present |
| | | | |
| | | | |
| | |] | |

| SOCIAL SCIENCES | | | |
|---|----------|-----------|-------------------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| History | | | |
| American History or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1311 | History of Civilization I |
| | | HIST 1312 | History of Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CIS 1103 | Computer Concepts |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each of the | | |
| following subject areas: | | |
| Biology | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| Chemistry | CHEM 1305/1105 | General Chemistry I |
| Psychology | PSYC 2300 | Psychology and the Human Experience |
| Genetics (should include coverage of Mendelian and molecular | N/A | No Courses Offered |
| 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 1304/1104 | Human Anatomy & Physiology I (w/ lab) |
| Human or vertebrate physiology | BIOL 1305/1105 | 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|--|
| CORE CURRICULUM* | | | |
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts ³ | | | |
| Music, Art, Theater | 3 | MUSC 2300 | Introduction to Music |
| | | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities ⁴ | | | |
| Literature courses | 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |
| | | ENGL 2337 | World Literature from the Beginning to 1650 |
| | | ENGL 2338 | World Literature from 1650 to the Present |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Social Sciences | | | |
| Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics] | 6 | ANTH 1415 | Physical Anthropology |
| | | ANTH 2310 | Cultural Anthropology |
| | | ECON 2322 | Principles of Microeconomics |
| | | ECON 2323 | Principles of Macroeconomics |

| | | GEOG 1310 | Physical Geography |
|--|----------------|----------------|---|
| | | GEOG 2310 | Cultural Geography |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | SOCI 2300 | Introduction to Sociology |
| | | | |
| ELECTIVES ² | <u>11</u> | | |
| | | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enro | lolling in the | | |
| program but prior to graduation. | gc | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| Microbiology with laboratory | 4 | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) <u>and</u> |
| | | CHEM 1304/1104 | Fundamental Chemistry II (w/laboratory) |
| | | CHEM 1305/1105 | General Chemistry I (w/ laboratory) and |
| | | CHEM 1306/1106 | General Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| | | BIOL 2304/2104 | General Ecology (w/ laboratory) |
| | | BIOL 2305/2105 | General Zoology (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1302 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | 3 | MATH 2320 | Introduction to Statistics and Probability |
| | | PSYC 2340 | Behavioral Statistics |
| | | | |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1300 | Speech Communication |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1302 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) |
| | | CHEM 1305/1105 | General Chemistry I (w/ laboratory) |
| Physics | | | |
| General Physics I ⁴ | 4 | PHYS 1302/1102 | College Physics I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUSC 2300 | Introduction to Music |
| | | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities | | | |
| Literature courses | 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |
| | | ENGL 2337 | World Literature from the Beginning to 1650 |

| | | ENGL 2338 | World Literature from 1650 to the Present |
|--|----|-----------|--|
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 1415 | Physical Anthropology |
| | | ANTH 2310 | Cultural Anthropology |
| | | ECON 2322 | Principles of Microeconomics |
| | | ECON 2323 | Principles of Macroeconomics |
| | | GEOG 1310 | Physical Geography |
| | | GEOG 2310 | Cultural Geography |
| | | PSYC 2300 | Psychology and the Human Experience |
| | | SOCI 2300 | Introduction to Sociology |
| LOWER LEVEL ELECTIVES | 33 | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPCH 1300 | Speech Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2301/1101 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) |
| | | CHEM 1305/1105 | General Chemistry I (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUSC 2300 | Introduction to Music |
| Music, Art, meater | 3 | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities | | TITLA 2300 | introduction to meatre |
| Literature courses | 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |
| | | ENGL 2337 | World Literature from the Beginning to 1650 |

| | | ENGL 2338 | World Literature from 1650 to the |
|---|----|-----------|-------------------------------------|
| | | ENGE 2550 | Present |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1302/1102 | Biological Science (w/ laboratory) |
| - General and specialized courses | | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | | |
| Chemistry | 6 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1304/1104 | Fundamental Chemistry II (w/ laboratory) |
| | | CHEM 1305/1105 | General Chemistry I (w/ laboratory) |
| | | CHEM 1306/1106 | General Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 1302/1102 | College Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 1303/1103 | College Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | MATH 2320 | Introduction to Statistics and Probability |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | PSYC 2340 | Behavioral Statistics |
| Psychology | 6 | PSYC 2300 | Psychology and the Human Experience |
| - General and specialized courses. | | PSYC 2330 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1302/1102 | Biological Science (w/ laboratory) and |
| | | BIOL 2305/2105 | General Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/ |
| Tidinali Aliatomy with Laboratory | 4 | BIOL 1304/1104 | laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 1305/1105 | Human Anatomy and Physiology II (w/ |
| Tidiliali Filysiology with Laboratory | 4 | BIOL 1303/1103 | laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| General Chemistry I and II with Laboratory | 8 | CHEM 1305/1105 | General Chemistry I (w/ laboratory) |
| | | CHEM 1306/1106 | General Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | N/A | No Courses Offered |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| Biostatistics or Statistics | <u>3</u> | MATH 2320 | Introduction to Statistics and Probability |
| | | PSYC 2340 | Behavioral Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| | PTC Course Code | PTC Course Name |
|----------|-----------------|---|
| | | |
| | | |
| 6 | ENGL 1311 | Composition I |
| | ENGL 1312 | Composition II |
| | | |
| 3 | SPCH 1300 | Speech Communication |
| | | |
| 3 | MATH 1302 | College Algebra |
| <u> </u> | | |
| 8 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| | BIOL 1305/1105 | Human Anatomy and Physiology II (w/ laboratory) |
| | | |
| 3 | MUSC 2300 | Introduction to Music |
| | ARTS 2300 | Introduction of Visual Arts |
| | THEA 2300 | Introduction to Theatre |
| | | |
| 3 | ENGL 2333 | English Literature from the Beginning to 1785 |
| | ENGL 2334 | English Literature from 1785 to the Present |
| | ENGL 2335 | American Literature from the Beginning to 1865 |
| | ENGL 2336 | American Literature from 1865 to the Present |
| | ENGL 2337 | World Literature from the Beginning to 1650 |
| | ENGL 2338 | World Literature from 1650 to the Present |
| | | |
| + | | |
| 3 | HIST 2311 | U.S. History to 1877 |
| | 3 8 8 | BIOL 1304/1104 BIOL 1305/1105 3 MUSC 2300 ARTS 2300 THEA 2300 THEA 2333 ENGL 2334 ENGL 2335 ENGL 2336 ENGL 2337 ENGL 2338 |

| | | HIST 2312 | U.S. History since 1877 |
|---------------------------|----|-----------|-------------------------------------|
| | | POLS 1310 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | PTC Course Code | PTC Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1311 | Composition I |
| | | ENGL 1312 | Composition II |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPCH 1300 | Speech Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1302 | College Algebra |
| Applied Statistics | 3 | MATH 2320 | Introduction to Statistics and Probability |
| | | PSYC 2340 | Behavioral Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 1304/1104 | Human Anatomy and Physiology I (w/laboratory) |
| | | BIOL 1305/1105 | Human Anatomy and Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2301/2101 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1303/1103 | Fundamental Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUSC 2300 | Introduction to Music |
| | | ARTS 2300 | Introduction of Visual Arts |
| | | THEA 2300 | Introduction to Theatre |
| Humanities | | | |
| Literature courses | | ENGL 2333 | English Literature from the Beginning to 1785 |
| | | ENGL 2334 | English Literature from 1785 to the Present |
| | | ENGL 2335 | American Literature from the Beginning to 1865 |
| | | ENGL 2336 | American Literature from 1865 to the Present |
| | | ENGL 2337 | World Literature from the Beginning to 1650 |

| | | ENGL 2338 | World Literature from 1650 to the Present |
|---|----|-----------|---|
| | | | Fresent |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2311 | U.S. History to 1877 |
| | | HIST 2312 | U.S. History since 1877 |
| | | POLS 1310 | American National Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOCI 2300 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 2300 | Psychology and the Human Experience |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | MET 1103 | Medical Terminology |
| Electives | 11 | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



University of Arkansas Community College at Morrilton
1537 University Blvd.

Morrilton, AR 72110

(501) 977-2053

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|--|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPH 2303 | Introduction to Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1004 | Fundamentals of Biology (w/ |
| Biological Science with laboratories | 20 | BIOL 1004 | laboratory) |
| | | BIOL 2004 | Human Anatomy & Physiology I (w/ |
| | | 5102 200 1 | laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/ |
| | | | laboratory) |
| | | BIOL 2034 | Principles of Zoology (w/ laboratory) |
| | | BIOL 2044 | General Botany (w/ laboratory) |
| | | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | | | Consent College Chamistre |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| | | | General College Chemistry |
| | | CHEM 2133/2131L | II/Laboratory |
| FINE ARTS/HUMANITIES | | | , |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2003 | United States History I |
|---|-----------|-----------|---------------------------------|
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Social Sciences | | | |
| Other Social Sciences | 6 | PSY 2003 | General Psychology |
| | | SOC 2013 | Introduction to Sociology |
| | | ANTH 2333 | Introduction to Anthropology |
| | | ECON 2453 | Macroeconomics |
| | | ECON 2463 | Microeconomics |
| | | GEOG 2013 | Regional Geography of the World |
| | | | |
| ELECTIVES | <u>25</u> | | |
| | | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPH 2303 | Introduction to Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1004 | Fundamentals of Chemistry (w/laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1004 | Fundamentals of Biology (w/ |
| course is also acceptable.) | 4 | BIOL 1004 | laboratory) |
| | | BIOL 2034 | Principles of Zoology (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2104 | Microbiology (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs not required) | 6 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2003 | United States History I |
|---|----|-----------|---------------------------|
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Psychology | | | |
| General Psychology | 3 | PSY 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2013 | Introduction to Sociology |
| | | | |
| Lower-level Electives | 6 | | |
| | | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography - B.S. - Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|---|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | SPH 2303 | Introduction to Oral Communications |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory | 8 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHY 2004 | Physical Science (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSY 2003 | General Psychology |
| Sociology | | | |

| Introduction to Sociology | 3 | SOC 2013 | Introduction to Sociology |
|---|----|-----------|---------------------------|
| History | | | |
| American History or National Government | 3 | HIST 2003 | United States History I |
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1003 | Western Civilization I |
| | | HIST 1013 | Western Civilization II |
| | | | |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | 3 | CIS 1013 | Introduction to Computers |
| | | | |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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 each 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 dayslanmant | ECD 1403 | Child Development and Developmental |
| Child development | | 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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| CORE CURRICULUM* ENGLISH/COMMUNICATION Benglish Composition Two-semester sequence of English Composition 6 ENGL 1013 English Composition I Speech Communication ENGL 1023 English Composition II Fundamentals of Speech or Speech Communication 3 SPH 2303 Introduction to Oral Communications FINE ARTS/HUMANITIES Communications Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation THEA 2003 Theatre Appreciation | Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|--|--|-----------------|-------------------|--|
| English Composition Two-semester sequence of English Composition 6 ENGL 1013 English Composition I ENGL 1023 English Composition II Speech Communication Fundamentals of Speech or Speech Communication 3 SPH 2303 Introduction to Oral Communications FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | CORE CURRICULUM* | | | |
| Two-semester sequence of English Composition 6 ENGL 1013 English Composition I ENGL 1023 English Composition II Speech Communication 3 SPH 2303 Introduction to Oral Communications FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | ENGLISH/COMMUNICATION | | | |
| ENGL 1023 English Composition II Speech Communication Fundamentals of Speech or Speech Communication FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | English Composition | | | |
| Speech Communication 3 SPH 2303 Introduction to Oral Communications FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| Fundamentals of Speech or Speech Communication 3 SPH 2303 Introduction to Oral Communications FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | | | ENGL 1023 | English Composition II |
| Fundamentals of Speech or Speech Communication 3 SPH 2303 Communications FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 Mus 2003 Music Appreciation ART 2003 Art Appreciation | Speech Communication | | | |
| FINE ARTS/HUMANITIES Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | Fundamentals of Speech or Speech Communication | 3 | SPH 2303 | Introduction to Oral |
| Fine Arts³ Music, Art, Theater 3 MUS 2003 Music Appreciation ART 2003 Art Appreciation | Tandamentals of Special of Special Communication | , | 31112303 | Communications |
| Fine Arts ³ Music, Art, Theater 3 Music Appreciation ART 2003 Art Appreciation | FINE ARTS/HUMANITIES | | | |
| ART 2003 Art Appreciation | | | | |
| ART 2003 Art Appreciation | Music, Art, Theater | 3 | MUS 2003 | Music Appreciation |
| | | | ART 2003 | |
| | | | THEA 2003 | |
| | | | | |
| Humanities ⁴ | Humanities ⁴ | | | |
| Philosophy, Political Science, Literature, or Humanities 3 PHIL 2103 Introduction to Philosophy | Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| ENGL 2113 American Literature I | | | ENGL 2113 | American Literature I |
| ENGL 2123 American Literature II | | | ENGL 2123 | American Literature II |
| ENGL 2213 World Literature I | | | ENGL 2213 | World Literature I |
| ENGL 2223 World Literature II | | | ENGL 2223 | World Literature II |
| ENGL 2313 British Literature I | | | ENGL 2313 | British Literature I |
| ENGL 2323 British Literature II | | | ENGL 2323 | British Literature II |
| | CORNAL COURSE | | | |
| SOCIAL SCIENCES | | | | |
| History His | • | 2 | LUCT 2002 | Halfand Chahan Hillahama I |
| History of the United States or National Government 3 HIST 2003 United States History I HIST 2013 United States History II | History of the United States or National Government | 3 | | |
| | | | | , and the second |
| PSCI 2003 American Government Social Sciences | Social Sciences | | F3CI 2003 | American government |
| Social Sciences [Psychology, Sociology, Anthropology, | | | | |
| Geography, or Economics] Geography, or Economics] Geography, or Economics | | 6 | PSY 2003 | General Psychology |
| SOC 2013 Introduction to Sociology | 2-2-0-2-17 2-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | | SOC 2013 | Introduction to Sociology |
| ANTH 2333 Introduction to Anthropology | | | | = - |
| ECON 2453 Macroeconomics | | | | : |
| ECON 2463 Microeconomics | | | | |
| GEOG 2013 Regional Geography of the World | | | | Regional Geography of the World |
| | | | | |

| ELECTIVES ² | <u>11</u> | | |
|--|--------------|-----------------|--|
| | | | |
| SUBTOTAL | 35 | | |
| *6 hours of core curriculum may be completed after enro | lling in the | | |
| program but prior to graduation. | and the | | |
| | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1004 | Fundamentals of Biology (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2004 | Human Anatomy & Physiology I (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| | | CHEM 2133/2131L | General College Chemistry II/Laboratory |
| SCIENCE ELECTIVES ² | 8 | CHEM 2203/2201L | Organic Chemistry/Laboratory |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| | | BIOL 2034 | Principles of Zoology (w/ laboratory) |
| | | BIOL 2044 | General Botany (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1203 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | <u>3</u> | MATH 2003 | Introduction to Statistics |
| , | <u> </u> | | |
| SUBTOTAL | <u>34</u> | | |
| TOTAL | 69 | | |
| IUIAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPH 2303 | Introduction to Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1004 | Fundamentals of Biology (w/ laboratory) |
| | | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| Physics | | | |
| General Physics I ⁴ | 4 | PHY 2004 | Physical Science (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | | |
| SOCIAL SCIENCES | | | |

| History | | | |
|---|----|-----------|---------------------------------|
| History of the United States or National Government | 3 | HIST 2003 | United States History I |
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | PSY 2003 | General Psychology |
| | | SOC 2013 | Introduction to Sociology |
| | | ANTH 2333 | Introduction to Anthropology |
| | | ECON 2453 | Macroeconomics |
| | | ECON 2463 | Microeconomics |
| | | GEOG 2013 | Regional Geography of the World |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

²Course work must cover all body systems and include laboratory credit.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|---|-----------------|-------------------|---|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | SPH 2303 | Introduction to Oral Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1004 | Fundamentals of Biology (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers all body systems ² | 8 | BIOL 2004 | Human Anatomy & Physiology I (w/ laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| SOCIAL SCIENCES | | | |
| | | | |

| History of the United States or National Government | 3 | HIST 2003 | United States History I |
|---|----|-----------|---------------------------|
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Psychology | | | |
| General Psychology | 3 | PSY 2003 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2013 | Introduction to Sociology |
| | | | |
| Electives | 9 | | Additional science/math |
| Liectives | 9 | | recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|---|-----------------|-------------------|--|
| Anatomy | 3 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2014 | Human Anatomy & Physiology II (w/laboratory) |
| - Human or Vertebrate Physiology | | | |
| Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1004 | Fundamentals of Biology (w/ laboratory) |
| - General and specialized courses | | BIOL 2034 | Principles of Zoology (w/ laboratory) |
| - Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience | | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | 6 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| - Two semesters of general or specialized chemistry | | CHEM 2133/2131L | General College Chemistry II/Laboratory |
| Physics | 6 | PHY 2004 | Physical Science (w/ laboratory) |
| - Two semesters of general physics | | N/A | No Other Physics Courses Offered |
| Recommended: light, heat, sounds, electricity and mechanics | | | |
| Statistics | 3 | MATH 2003 | Introduction to Statistics |
| - Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis | | | |
| Psychology | 6 | PSY 2003 | General Psychology |
| - General and specialized courses. | | PSY 2013 | Abnormal Psychology |
| Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|---|-----------------|-------------------|---------------------------------------|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1004 | Fundamentals of Biology (w/ |
| Generally Timespies of Biology Fana in With Easteratory | · · | 5102 1001 | laboratory) |
| | | BIOL 2034 | Principles of Zoology (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2004 | Human Anatomy & Physiology I (w/ |
| Human Anatomy with Laboratory | 4 | BIOL 2004 | laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2014 | Human Anatomy & Physiology II (w/ |
| numan Physiology with Laboratory | 4 | DIOL 2014 | laboratory) |
| Microbiology with Laboratory | 4 | BIOL 2104 | Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | N/A | No Courses Offered |
| Canaral Chamistry Land II with Laboratory | 8 | CHEM 2123/2121L | General College Chemistry |
| General Chemistry I and II with Laboratory | | | I/Laboratory |
| | | CHEM 2133/2131L | General College Chemistry |
| | | CHEIVI 2133/2131L | II/Laboratory |
| Organic Chemistry I with Laboratory | 4 | CHEM 2203/2201L | Organic Chemistry/Laboratory |
| General Psychology | 3 | PSY 2003 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 2003 | Introduction to Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPH 2303 | Introduction to Oral Communications |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/ laboratory) |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUS 2003 | Music Appreciation |
| | | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | United States History I |
| | | HIST 2013 | United States History II |
| | | PSCI 2003 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2013 | Introduction to Sociology |

| Psychology | | | |
|--------------------|----|----------|--------------------|
| General Psychology | 3 | PSY 2003 | General Psychology |
| | | | |
| TOTAL | 35 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UACCM Course Code | UACCM Course Name |
|--|-----------------|-------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | ENGL 1013 | English Composition I |
| | | ENGL 1023 | English Composition II |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | SPH 2303 | Introduction to Oral |
| rundamentals of Speech of Speech Communication | 3 | 3711 2303 | Communications |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1203 | College Algebra |
| Applied Statistics | 3 | MATH 2003 | Introduction to Statistics |
| | | | |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2004 | Human Anatomy & Physiology I (w/laboratory) |
| | | BIOL 2014 | Human Anatomy & Physiology II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2104 | Microbiology (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 2123/2121L | General College Chemistry I/Laboratory |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUS 2003 | Music Appreciation |
| THEARS | 3 | ART 2003 | Art Appreciation |
| | | THEA 2003 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, | | 111LA 2003 | Theatre Appreciation |
| Literature, or Humanities) | 3 | PHIL 2103 | Introduction to Philosophy |
| | | ENGL 2113 | American Literature I |
| | | ENGL 2123 | American Literature II |
| | | ENGL 2213 | World Literature I |
| | | ENGL 2223 | World Literature II |
| | | ENGL 2313 | British Literature I |
| | | ENGL 2323 | British Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2003 | United States History I |

| | | HIST 2013 | United States History II |
|---------------------------|----|-----------|---------------------------|
| | | PSCI 2003 | American Government |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 2013 | Introduction to Sociology |
| Psychology | | | |
| General Psychology | 3 | PSY 2003 | General Psychology |
| | | | |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | HLSC 1003 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.



CENTRAL ARKANSAS

University of Central Arkansas
201 Donaghey Ave.
Conway, AR 72035
(501) 450-5000

Cytotechnology - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80 credits are required for admission. These credits may be completed at any regionally accredited college or university, and must fulfill all College requirements regarding acceptance of transfer credit.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1300 | Principles of Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1390 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Biological Science with laboratories | 20 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| | | BIOL 1441 | Principles of Biology II (w/ laboratory) |
| | | BIOL 2405 | Human Anatomy & Physiology (w/ laboratory) |
| | | BIOL 2406 | Structure and Function of the Human Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human Body II (w/ laboratory) |
| | | BIOL 2411 | Microbiology in Human Affairs (w/ laboratory) |
| | | BIOL 2420 | Histology for Health Sciences (w/ laboratory) |
| | | BIOL 2490 | Genetics (w/ laboratory) |
| | | BIOL 3402 | Cell Biology (w/ laboratory) |
| | | BIOL 3420 | General Microbiology (w/ laboratory) |
| | | BIOL 4461 | Parasitology (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of Chemistry with laboratories | 8 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | CHEM 1451 | College Chemistry II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2300 | Music Appreciation |
| | | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |

| SOCIAL SCIENCES | | | |
|---|-----------|-----------|--|
| History | | | |
| History of the United States or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |
| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
| | | PSCI 1330 | United States Government and Politics |
| Social Sciences | | | |
| Other Social Sciences | 6 | ANTH 1302 | Introduction to Anthropology |
| | | ECON 1310 | Modern Political Economy |
| | | GEOG 1305 | Principles of Geography |
| | | PSYC 1300 | General Psychology |
| | | SOC 1300 | Principles of Sociology |
| ELECTIVES | <u>25</u> | | |
| TOTAL | 80 | | |

Dental Hygiene – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 51 credits are required for admission. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|------------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1300 | Principles of Communication |
| | | | |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1390 | College Algebra |
| SCIENCE | | | |
| Chemistry | | | |
| Principles of chemistry course with laboratory | 4 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| Biology | | | |
| Principles of biology course with laboratory (A Zoology | 4 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| course is also acceptable.) | 7 | BIOL 1440 | Trinciples of Biology I (wy laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 3420 | General Microbiology (w/ laboratory) |
| | | BIOL 2411 | Microbiology in Human Affairs (w/ laboratory) |
| Anatomy & Physiology | | | |
| Two-semester sequence of Anatomy & Physiology (labs | 6 | BIOL 2406 | Structure and Function of the Human |
| not required) | Ŭ | 5.022.00 | Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human |
| | | | Body II (w/ laboratory) |
| FINIT ADTC/IIIINAANITIFC | | | |
| FINE ARTS/HUMANITIES Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2300 | Music Appreciation |
| iviusio, Art, Tileatei | 3 | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities | | 111LA 2300 | теан с другонаноп |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Philosophy for Living |
| Timosophy, Folitical Science, Literature, or Humanities | 3 | PHIL 1301 PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| | | LINGL 2300 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |

| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
|---------------------------|----|-----------|--|
| | | PSCI 1330 | United States Government and Politics |
| Psychology | | | |
| General Psychology | 3 | PSYC 1300 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1300 | Principles of Sociology |
| Lower-level Electives | 6 | | |
| TOTAL | 51 | | |

^{*}Due to rules set forth by the Commission on Dental Accreditation of the American Dental Association, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Chemistry, biology, and microbiology courses must include laboratory sections and must have been completed not more than seven years prior to entry into the program. Credit by examination will not be given for science courses. A course grade of "C" or higher must be achieved to satisfy program prerequisite and core curriculum requirements.

Proof of successful completion of course work taken in a semester immediately preceding entry into the professional curriculum must be presented before registration.

Diagnostic Medical Sonography – B.S. – Bachelor of Science Degree

PREREQUISITES

Applicants must have completed, or be currently enrolled in, Introductory College Physics, College Algebra, and Anatomy and Physiology II before the **March 1** application deadline. Applicants may not have more than nine credits of remaining prerequisite courses that will be completed during the summer semester prior to enrollment in the fall.

The following 47 credits are required from an accredited college or university and must fulfill all College requirements regarding acceptance of transfer credit:

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|-----------------|--------------------------------------|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication* | 3 | COMM 1300 | Principles of Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1390 | College Algebra |
| COLEMO | | | |
| SCIENCE | | | |
| Biology Two-semester sequence of Anatomy and Physiology with | | | Structure and Function of the Human |
| laboratory | 8 | BIOL 2406 | Body I (w/ laboratory) |
| | | | Structure and Function of the Human |
| | | BIOL 2407 | Body II (w/ laboratory) |
| Physics | | | |
| Introductory College Physics** | 3 | PHYS 1410 | College Physics I (w/ laboratory) or |
| | | PHYS 1405 | Applied Physics (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2300 | Music Appreciation |
| | | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities | | DI III 4204 | DI 1 |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| SOCIAL SCIENCES | | | |
| Psychology | | | |
| General Psychology | 3 | PSYC 1300 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1300 | Principles of Sociology |
| History | | | |

| American History or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |
|--|----------|-----------|---|
| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
| | | PSCI 1330 | United States Government and Politics |
| Two-semester sequence of History of Civilization or World History | 6 | HIST 1310 | From Mummies to Mongols: World History from Ancient Times to the Early Modern Period |
| | | HIST 1320 | From Galileo to Gandhi: World History from the Early Modern Period to the Present |
| COMPUTER SCIENCE | | | |
| Computer Fundamentals/Applications | <u>3</u> | CSCI 1300 | Introduction to Computing |
| TOTAL | 47 | | |

^{*}Due to rules set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

To be considered for acceptance into the program, the applicant must have earned a cumulative GPA of 2.5 or higher at the time of application. In addition, only grades of "C" or higher are accepted in all course work.

Actual course titles may vary among institutions. Consult the Division Director for preprofessional counseling.

Fulfillment of the Diagnostic Medical Sonography preprofessional curriculum does not assure admittance into the professional program (please see Application Procedures and Deadlines).

^{**}Introductory College Physics must cover acoustics, wave motion, heat, electricity, force, and energy. Two courses may be required to cover all topics. Refer to the website to determine acceptable Physics courses. If your school is not listed, please contact the CHP Office of Admissions for assistance.

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.

Medical Laboratory Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

A minimum of 69 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. Only courses with a grade of "C" or better are accepted to meet prerequisite course requirements. Students are eligible for the MLS program after completing 63 credits, including all of the science and mathematics requirements. However, upon acceptance into the program, an additional 6 credits of core curriculum must be listed on the student's degree plan.

| 6 | WRTG 1310 WRTG 1320 | Introduction to College Writing Academic Writing & Research |
|-----------|------------------------|--|
| | | |
| | | |
| | | |
| 3 | WRTG 1320 | Academic Writing & Research |
| 3 | | 1 |
| 3 | | |
| | COMM 1300 | Principles of Communication |
| | | |
| | | |
| | | |
| 3 | MUS 2300 | Music Appreciation |
| | ART 2300 | Art Appreciation |
| | THEA 2300 | Theatre Appreciation |
| | | |
| 3 | PHIL 1301 | Philosophy for Living |
| | PHIL 2305 | Critical Thinking |
| | ENGL 2305 | World Literature I |
| | ENGL 2306 | World Literature II |
| | | |
| | | |
| 3 | HIST 2301 | The Making of America: U.S. History to 1877 |
| | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
| | PSCI 1330 | United States Government and Politics |
| | | |
| 6 | ANTH 1302 | Introduction to Anthropology |
| | ECON 1310 | Modern Political Economy |
| | GEOG 1305 | Principles of Geography |
| | PSYC 1300 | General Psychology |
| | SOC 1300 | Principles of Sociology |
| <u>11</u> | | |
| 35 | | |
| | 3 3 6 11 | ART 2300 THEA 2300 3 PHIL 1301 PHIL 2305 ENGL 2305 ENGL 2306 3 HIST 2301 HIST 2302 PSCI 1330 6 ANTH 1302 ECON 1310 GEOG 1305 PSYC 1300 SOC 1300 |

| *6 hours of core curriculum may be completed after enro | olling in the | | |
|--|---------------|-----------|---|
| program but prior to graduation. | 1 | | |
| COLENCE AND MATHEMATICS DECLUDENTINES | | | |
| SCIENCE AND MATHEMATICS REQUIREMENTS | | | |
| SCIENCE | | | |
| Biological/Health Science:1 | | | |
| Biology with laboratory | 4 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| Anatomy & Physiology with laboratory | 4 | BIOL 2406 | Structure and Function of the Human Body I (w/ laboratory) <u>or</u> |
| | | BIOL 2405 | Human Anatomy & Physiology (w/ laboratory) |
| Microbiology with laboratory | 4 | BIOL 3420 | General Microbiology (w/ laboratory) |
| | | BIOL 2411 | Microbiology in Human Affairs (w/ laboratory) |
| Chemistry | | | |
| Two-semester sequence of General Chemistry with laboratories | 8 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | CHEM 1451 | College Chemistry II (w/ laboratory) |
| SCIENCE ELECTIVES ² | 8 | CHEM 2401 | Organic Chemistry I (w/ laboratory) |
| | | BIOL 1441 | Principles of Biology II (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human Body II (w/ laboratory) |
| | | BIOL 2420 | Histology for Health Sciences (w/ laboratory) |
| | | BIOL 2490 | Genetics (w/ laboratory) |
| | | BIOL 3402 | Cell Biology (w/ laboratory) |
| | | BIOL 4461 | Parasitology (w/ laboratory) |
| MATHEMATICS | | | |
| College Algebra | 3 | MATH 1390 | College Algebra |
| Trigonometry/Statistics/Calculus (or higher level math) | 3 | MATH 2311 | Elementary Statistics |
| 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | _ | PSYC 2330 | Psychological Statistics |
| SUBTOTAL | <u>34</u> | | |
| | | | |
| TOTAL | 69 | | |

¹Chemistry and Biology/Health Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the department for course approval. CLEP credit for science courses is limited to Biology I and Chemistry I.

² Recommended electives include introductory courses in Computer Science, Management, Genetics, Organic Chemistry, Biochemistry, and Quantitative Analysis.

³ The Fine Arts requirement cannot be fulfilled with a studio course.

⁴ Humanities requirements may be selected from the courses in the subject areas of philosophy, political science, literature and the humanities. The course in National Government, if selected to meet the US History/National Government requirement, cannot also be used to meet the Humanities requirement in Political Science. Acceptable courses in literature must be broad survey courses; world literature is especially recommended.

Nuclear Medicine Imaging Sciences - B.S. - Bachelor of Science Degree

PREREQUISITES

The following 80* semester credits are required for admission to the program. All required courses must be completed from a regionally accredited post-secondary academic institution, and must fulfill all College requirements regarding acceptance of transfer credit. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATIONS | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1300 | Principles of Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra or higher level Mathematics | 3 | MATH 1390 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory ² | 8 | BIOL 2406 | Structure and Function of the Human Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human Body II (w/ laboratory) |
| Biological Sciences or Microbiology ⁵ | 4 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| | | BIOL 2411 | Microbiology in Human Affairs (w/ laboratory) |
| | | BIOL 3420 | General Microbiology (w/ laboratory) |
| Chemistry | | | |
| General Chemistry I ³ | 4 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | CHEM 1402 | General Chemistry for Health Sciences (w/ laboratory) |
| Physics | | | () |
| General Physics I ⁴ | 4 | PHYS 1410 | College Physics I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Art, Music or Theater | 3 | MUS 2300 | Music Appreciation |
| | | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| | | | |
| SOCIAL SCIENCES | | | |
| History | | | |

| History of the United States or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |
|--|----|-----------|--|
| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
| | | PSCI 1330 | United States Government and Politics |
| Social Sciences | | | |
| Psychology, Sociology, Anthropology, Geography, or Economics | 6 | ANTH 1302 | Introduction to Anthropology |
| | | ECON 1310 | Modern Political Economy |
| | | GEOG 1305 | Principles of Geography |
| | | PSYC 1300 | General Psychology |
| | | SOC 1300 | Principles of Sociology |
| | | | |
| LOWER LEVEL ELECTIVES | 33 | | |
| | | | |
| TOTAL | 80 | | |

^{*}Up to 3 SC of course work indicated may be taken as co-requisites during the fall semester only, and will be at the program's discretion. No math or science courses may be taken as co-requisites. Those applicants who have completed 80 SC or more of the prerequisite curriculum prior to enrollment will have priority in admission decisions.

¹Due to rules set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

²Course work must cover all body systems and include laboratory credit.

³Course work must include laboratory credit. Chemistry courses designed specifically for nursing and other allied health technology students may meet this requirement; however, overview or preparatory chemistry courses will not.

⁴Course work must be algebra-based, at a minimum, and include a laboratory section for credit. Physics courses completed in an accredited radiography programs may be considered on a case by case basis as a substitute. Must have at least 4 semester credit hour equivalent of radiography physics to be considered.

⁵Biology courses taken as prerequisites to the human anatomy and physiology courses will satisfy this requirement.

Ophthalmic Medical Technology – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 56 credits are required from a regionally accredited college or university and must fulfill all College requirements regarding the acceptance of transfer credit. While students are strongly encouraged to complete all 56 credits prior to enrollment, students lacking up to 8 credits of the 56 prerequisite credits may be considered for admission with the understanding that all prerequisite courses will be completed within one year of entry into the program. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|---|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication ¹ | 3 | COMM 1300 | Principles of Communication |
| | | | |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1390 | College Algebra |
| | | | |
| SCIENCE | | | |
| Biology | | | |
| Principles of biology course with laboratory | 4 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| Anatomy & Physiology I & II with laboratory that covers | 8 | BIOL 2406 | Structure and Function of the Human |
| all body systems ² | 8 | BIOL 2400 | Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human |
| | | DIOL 2407 | Body II (w/ laboratory) |
| Microbiology | | | |
| Microbiology with laboratory | 4 | BIOL 2411 | Microbiology in Human Affairs (w/ |
| The objectory with aboratory | · | 51022111 | laboratory) |
| Chemistry | | | |
| Principles of chemistry course | 4 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | | | |
| Music, Art, Theater | 3 | MUS 2300 | Music Appreciation |
| | | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities | | | |
| Philosophy, Political Science, Literature, or Humanities | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| • | 2 | HIST 2301 | The Making of America: U.S. History to |
| History of the United States or National Government | 3 | ПІЗІ 2301 | 1877 |
| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |

| | | PSCI 1330 | United States Government and Politics |
|---------------------------|----|-----------|---------------------------------------|
| Psychology | | | |
| General Psychology | 3 | PSYC 1300 | General Psychology |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1300 | Principles of Sociology |
| | | | |
| Electives | 9 | | Additional science/math recommended |
| | | | |
| TOTAL | 56 | | |

¹Due to rules set forth by the Commission on Accreditation of Ophthalmic Medical Programs, Speech Communication is a required prerequisite and cannot be substituted by an additional Fine Arts/Humanities course.

Science courses must be suitable for majors in those disciplines and must include laboratory credit in required courses. Other courses may fulfill the program's requirements. Contact the CHP Office of Admissions for course approval. If completed seven or more years prior to application, knowledge should be updated by taking appropriate current courses in Microbiology. CLEP credits are not acceptable to fulfill biological science requirements.

Marks of Pass/Credit will be considered grades of C and marks of Fail/No Credit will be considered grades of F for admission purposes.

Fulfillment of the prerequisite does not assure admittance into the professional program (please see Application Procedures).

²A single 4 credit anatomy & physiology course covering <u>all body systems</u> must be preapproved by the OMT department. If approved, 4 credits of elective coursework must be completed in order to meet the 120 credit program requirement.

Physical Therapy – D.P.T. – Doctor of Physical Therapy Degree

PREREQUISITES

A completed bachelor's degree from an accredited institution by the start of the DPT program is required. In addition, the following 33 semester credits are required for admission:

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|---|-----------------|-----------------|--|
| Anatomy | 3 | BIOL 2406 | Structure and Function of the Human |
| Anatomy | 3 | BIOL 2400 | Body I (w/ laboratory) |
| - Human or Vertebrate Anatomy | | | |
| - Recommended focus on neuromuscular system | | | |
| - Course w/ human cadaver dissection lab preferred | | | |
| Physiology | 3 | BIOL 2407 | Structure and Function of the Human |
| Filysiology | 3 | DIOL 2407 | Body II (w/ laboratory) |
| - Human or Vertebrate Physiology | | | |
| - Recommended: striated and cardiac muscle | | | |
| physiology, cardiovascular regulation, physiology of | | | |
| respiration and acid-base homeostasis | | | |
| Biology | 6 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| - General and specialized courses | | BIOL 1441 | Principles of Biology II (w/ laboratory) |
| - Recommended: Histology, Microbiology, | | | Histology for Health Sciences (w/ |
| Immunology, Developmental Biology, or | | BIOL 2420 | laboratory) |
| Neuroscience | | | |
| | | BIOL 2490 | Genetics (w/ laboratory) |
| | | BIOL 3402 | Cell Biology (w/ laboratory) |
| | | BIOL 3420 | General Microbiology (w/ laboratory) |
| | | BIOL 4461 | Parasitology (w/ laboratory) |
| Chemistry | 6 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| - Two semesters of general or specialized chemistry | | CHEM 1451 | College Chemistry II (w/ laboratory) |
| Physics | 6 | PHYS 1410 | College Physics I (w/ laboratory) |
| - Two semesters of general physics | | PHYS 1420 | College Physics II (w/ laboratory) |
| - Recommended: light, heat, sounds, electricity and | | | |
| mechanics | | | |
| Statistics | 3 | MATH 2311 | Elementary Statistics |
| - Recommended: Biostatistics, Research Methods & | | PSYC 2330 | Psychological Statistics |
| Design, Hypothesis Testing, and Quantitative Analysis | | | , , |
| Psychology | 6 | PSYC 1300 | General Psychology |
| - General and specialized courses. | | PSYC 4320 | Abnormal Psychology |
| - Recommended: Abnormal Psychology, Child | | | |
| Psychology, Developmental Psychology, and | | | |
| Psychology of Aging. | | | |
| TOTAL | 33 | | |

Only grades of C or higher are acceptable for all prerequisite coursework.

No transfer credits are accepted from other degree programs or physical therapy programs. There is no advanced standing permitted in the PT program. Required prerequisite course work graded as Pass/Fail will not be accepted. Prerequisite coursework must be completed within 7 years prior to the date of the anticipated entry into the program. No more than 25% of prerequisite credits can be from CLEP or AP credit. Although accepted, CLEP and AP credits will not be considered in GPA calculations.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

All questions concerning course descriptions or substitutions should be submitted in writing via email to ptprogram@uams.edu.

Physician Assistant - M.P.A.S. - Master of Physician Assistant Studies Degree

PREREQUISITES

The following 41 credits, in addition to or as part of a bachelor's degree, are required for admission:

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|---|-----------------|-----------------|--|
| General/Principles of Biology I and II with Laboratory* | 8 | BIOL 1440 | Principles of Biology I (w/ laboratory) |
| | | BIOL 1441 | Principles of Biology II (w/ laboratory) |
| Human Anatomy with Laboratory** | 4 | BIOL 2406 | Structure and Function of the Human |
| Human Anatomy with Laboratory | 4 | BIOL 2400 | Body I (w/ laboratory) |
| Human Physiology with Laboratory | 4 | BIOL 2407 | Structure and Function of the Human |
| Truman Physiology with Laboratory | 4 | BIOL 2407 | Body II (w/ laboratory) |
| Microbiology with Laboratory | 4 | BIOL 3420 | General Microbiology (w/ laboratory) |
| Medical Genetics/Genetics | 3 | BIOL 2490 | Genetics (w/ laboratory) |
| General Chemistry I and II with Laboratory | 8 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | CHEM 1451 | College Chemistry II (w/ laboratory) |
| Organic Chemistry I with Laboratory | 4 | CHEM 2401 | Organic Chemistry I (w/ laboratory) |
| General Psychology | 3 | PSYC 1300 | General Psychology |
| Biostatistics or Statistics | <u>3</u> | MATH 2311 | Elementary Statistics |
| | | PSYC 2330 | Psychological Statistics |
| TOTAL | 41 | | |

^{*}If General Biology II is unavailable at the educational institution of attendance, General Zoology with Laboratory or Cell Biology with Laboratory may be substituted.

Only grades of C or higher are acceptable for all prerequisite coursework.

Anatomy, Physiology, and Microbiology must be completed within the last seven years at time of matriculation.

Survey courses do not meet the prerequisite requirements. Online courses are permitted for prerequisite courses but not for the laboratory component of the course.

No transfer credits are accepted from other degree programs or physician assistant programs. There is no advanced standing permitted in the PA program. Required prerequisite course work graded as Pass/Fail or credit obtained by CLEP Examination or Advanced Placement (AP) will not be accepted.

All prerequisite course work must be obtained from a regionally accredited institution in the U.S.

^{**}A combined full year Anatomy and Physiology I and II with laboratories will meet this requirement.

Radiologic Imaging Sciences – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 35 credits are required for admission to both the Traditional and the Online Degree Completion programs. An Associate of Science degree in Medical Radiography or an Associate of Applied Science in Radiologic Technology is also required for admission into the Online Degree Completion program. All listed courses are required from a regionally accredited post-secondary academic institution with a grade of "C" or better. Proof of successful completion of course work taken in a semester immediately preceding entry into the program must be presented before registration. If in doubt of the suitability of the following prerequisite courses, please contact the CHP Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|----------------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1300 | Principles of Communication |
| MATHEMATICS | | | |
| | 3 | MATH 1390 | College Algebra |
| College Algebra (or higher level Mathematics) | 3 | WATH 1390 | College Algebra |
| SCIENCE | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory* | 8 | BIOL 2406 | Structure and Function of the Human Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human Body II (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | 2 | MUIC 2200 | NAvois Assuraciation |
| Fine Arts | 3 | MUS 2300 ART 2300 | Music Appreciation |
| | | THEA 2300 | Art Appreciation Theatre Appreciation |
| Humanities (including Philosophy, Political Science, | | THEA 2500 | meatre Appreciation |
| Literature, or Humanities) | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |
| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
| | | PSCI 1330 | United States Government and Politics |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1300 | Principles of Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1300 | General Psychology |

| TOTAL | 35 | |
|-------|----|--|

Only grades of C or higher are acceptable for all prerequisite coursework.

^{*}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections.

Respiratory Care – B.S. – Bachelor of Science Degree

PREREQUISITES

The following 58 credits are required for admission to the traditional track (full-time or part-time) or the RRT-to-BS degree completion track. All listed courses are required from a regionally accredited post-secondary academic institution, and must fulfill all college requirements regarding acceptance of transfer credit. If in doubt of the suitability of the prerequisite courses, please contact the Office of Admissions.

| Area/Typical Course Title | Minimum Credits | UCA Course Code | UCA Course Name |
|--|-----------------|-----------------|--|
| ENGLISH/COMMUNICATION | | | |
| English Composition | | | |
| Two-semester sequence of English Composition | 6 | WRTG 1310 | Introduction to College Writing |
| | | WRTG 1320 | Academic Writing & Research |
| | | | |
| Speech Communication | | | |
| Fundamentals of Speech or Speech Communication | 3 | COMM 1300 | Principles of Communication |
| MATHEMATICS | | | |
| College Algebra (or higher level Mathematics) | 3 | MATH 1390 | College Algebra |
| Applied Statistics | 3 | MATH 2311 | Elementary Statistics |
| | | PSYC 2330 | Psychological Statistics |
| SCIENCE* ** | | | |
| Biology | | | |
| Two-semester sequence of Anatomy and Physiology with laboratory*** | 8 | BIOL 2406 | Structure and Function of the Human Body I (w/ laboratory) |
| | | BIOL 2407 | Structure and Function of the Human Body II (w/ laboratory) |
| Microbiology | | | 2007 (11) 1020101017 |
| Microbiology with laboratory | 4 | BIOL 2411 | Microbiology in Human Affairs (w/ laboratory) |
| Chemistry | | | |
| Chemistry with laboratory | 4 | CHEM 1450 | College Chemistry I (w/ laboratory) |
| | | CHEM 1402 | General Chemistry for Health Sciences (w/ laboratory) |
| | | | |
| FINE ARTS/HUMANITIES | | | |
| Fine Arts | 3 | MUS 2300 | Music Appreciation |
| | | ART 2300 | Art Appreciation |
| | | THEA 2300 | Theatre Appreciation |
| Humanities (including Philosophy, Political Science, Literature, or Humanities) | 3 | PHIL 1301 | Philosophy for Living |
| | | PHIL 2305 | Critical Thinking |
| | | ENGL 2305 | World Literature I |
| | | ENGL 2306 | World Literature II |
| SOCIAL SCIENCES | | | |
| History | | | |
| History of the United States or National Government | 3 | HIST 2301 | The Making of America: U.S. History to 1877 |

| | | HIST 2302 | America in the Modern Era: U.S. History since 1877 |
|---------------------------|----|-----------|---|
| | | PSCI 1330 | United States Government and Politics |
| Sociology | | | |
| Introduction to Sociology | 3 | SOC 1300 | Principles of Sociology |
| Psychology | | | |
| General Psychology | 3 | PSYC 1300 | General Psychology |
| ADDITIONAL REQUIREMENTS | | | |
| Medical Terminology**** | 1 | H SC 3123 | Medical Terminology |
| Electives | 11 | | |
| | | | |
| TOTAL | 58 | | |

^{*}Science courses must be suitable for science or health professions majors and include a laboratory.

A final grade of "C" or better is required in each of the above courses. Documentation of successful completion is required by the date of registration for the first semester.

Actual course titles may vary among institutions. Consult the department for preprofessional counseling.

Fulfillment of the preprofessional curriculum does not in itself ensure admission into the professional program (please see Application Procedures and Deadlines).

^{**}Students admitted to the part-time track must complete the Human Anatomy and Physiology course requirements as described above by the date of registration at UAMS. In addition, completion of at least one of the three other science courses is required.

^{***}Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

^{****}A course in Medical Terminology may be waived for RRT-to-BS applicants.