

# 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

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

<http://healthprofessions.uams.edu>



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## NOTICE

This document should be used as a guide and is **not** an all-inclusive list of the courses that may meet our prerequisite requirements. If you need assistance determining appropriate prerequisite courses from a school not in this guide, or if you have questions about other courses offered by the institutions in this guide, please contact the CHP Office of Admissions at [CHPAdmissions@uams.edu](mailto:CHPAdmissions@uams.edu) or 501-686-5730. The information in this guide is based on the 2019-20 [UAMS Catalog](#).

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](mailto: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  
BEEBE**

**BEEBE • HEBER SPRINGS • LRAFB • SEARCY**

**Arkansas State University-Beebe**

**1000 W Iowa St.**

**Beebe, AR 72012**

**(501) 882-3600**

## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
		ZOOL 2004	Human Anatomy and Physiology I (w/ laboratory)
		ZOOL 2014	Human Anatomy and Physiology II (w/ laboratory)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1014	General Chemistry I (w/ laboratory)
		CHEM 1024	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2503	Fine Arts-Visual
		MUS 2503	Fine Arts-Musical
		THEA 2503	Fine Arts-Theatre
		THEA 2513	Fine Arts-Film
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## Arkansas State University - Beebe

### 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
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1014	General Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1014	Principles of Biology (w/ laboratory)
		ZOOL 1204	Principles of Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2014	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2503	Fine Arts-Visual
		MUS 2503	Fine Arts-Musical
		THEA 2503	Fine Arts-Theatre
		THEA 2513	Fine Arts-Film
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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

\*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 - Beebe

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1014	Applied Physics for Health Sciences
		PHYS 2054	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2503	Fine Arts-Visual
		MUS 2503	Fine Arts-Musical
		THEA 2503	Fine Arts-Theatre
		THEA 2513	Fine Arts-Film
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>Sociology</b>			

Introduction to Sociology	3	SOC 2213	Principles of Sociology
<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CIS 1503	Microcomputer Applications I
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Arkansas State University - Beebe

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

#### PREREQUISITES

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

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

#### A competitive applicant will possess:

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

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

## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1203	Oral Communications
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ART 2503	Fine Arts-Visual
		MUS 2503	Fine Arts-Musical
		THEA 2503	Fine Arts-Theatre
		THEA 2513	Fine Arts-Film
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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

<b>ELECTIVES</b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b><u>SCIENCE AND MATHEMATICS REQUIREMENTS</u></b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1014	General Chemistry I (w/ laboratory)
		CHEM 1024	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1023	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2233	Applied Statistics
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.



## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	ZOOL 2004	Human Anatomy and Physiology I (w/ laboratory)
		ZOOL 2014	Human Anatomy and Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1014	Principles of Biology (w/ laboratory)
		BIOL 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1014	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2054	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	ZOOL 2004	Human Anatomy and Physiology I (w/ laboratory)
		ZOOL 2014	Human Anatomy and Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1014	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2503	Fine Arts-Visual
		MUS 2503	Fine Arts-Musical
		THEA 2503	Fine Arts-Theatre
		THEA 2513	Fine Arts-Film
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Principles of Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

## Arkansas State University - Beebe

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	6	BIOL 1014	Principles of Biology (w/ laboratory)
- General and specialized courses		BIOL 1024	Ecology (w/ laboratory)
- Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience		BIOL 2014	Microbiology (w/ laboratory)
		ZOOL 1204	Principles of Zoology (w/ laboratory)
<b>Chemistry</b>	6	CHEM 1014	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1024	General Chemistry II (w/ laboratory)
<b>Physics</b>	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)
<b>Statistics</b>	3	MATH 2233	Applied Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSY 2013	Introduction to Psychology
- General and specialized courses.		<b>N/A</b>	<b>No Other Psychology Courses Offered</b>
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Arkansas State University - Beebe

### 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	<b>N/A</b>	<b>No Courses Offered</b>
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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Principles of Sociology

<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>TOTAL</b>	<b>35</b>		

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.



## Arkansas State University - Beebe

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Freshman English I
		ENG 1013	Freshman English II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1203	Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
Applied Statistics (or equivalent course in research methodology)	3	MATH 2233	Applied Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1014	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Principles of Sociology
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	HIA 1103	Medical Terminology I
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**ARKANSAS STATE**  
**UNIVERSITY**

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**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.

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

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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## 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.

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

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

\*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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Composition I <b>and</b>
		ENG 1013	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMS 1203	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BIOL 2203/2201	Human Anatomy & Physiology I/Laboratory <b>and</b>
		BIOL 2223/2221	Human Anatomy & Physiology II/Laboratory
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2034	University Physics I <b>or</b>
		PHYS 2054	General Physics I <b>or</b>
		PHYS 2073	Fundamental Physics
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2503	Fine Arts – Musical
		ART 2503	Fine Arts – Visual
		THEA 2503	Fine Arts - Theater
<b>Humanities</b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 1103	Introduction to Philosophy
		ENG 2003	World Literature to 1660
		ENG 2013	World Literature Since 1660
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Introduction to Sociology
<b>History</b>			
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 <b>and</b>
		HIST 1023	World Civilization Since 1660
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CS 1013	Introduction to Computers
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Arkansas State University - Jonesboro

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

#### PREREQUISITES

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

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

#### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Composition I <b>and</b>
		ENG 1013	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMS 1203	Oral Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUS 2503	Fine Arts – Musical
		ART 2503	Fine Arts – Visual
		THEA 2503	Fine Arts - Theater
<b>Humanities<sup>4</sup></b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 1103	Introduction to Philosophy
		ENG 2003	World Literature to 1660
		ENG 2013	World Literature Since 1660
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			

<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1013/1011	General Chemistry I/Laboratory <b>and</b>
		CHEM 1023/1021	General Chemistry II/Laboratory
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1023	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	PSY 3103	Quantitative Methods for Behavioral Sciences
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

## Arkansas State University - Jonesboro

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Composition I <b>and</b>
		ENG 1013	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMS 1203	Oral Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2203/2201	Human Anatomy & Physiology I/Laboratory <b>and</b>
		BIOL 2223/2221	Human Anatomy & Physiology II/Laboratory
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1003/1001	Biological Science/Laboratory
		BIOL 4104	Microbiology (includes Laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1013/1011	General Chemistry I/Laboratory
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2073/2071	Fundamental Physics/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUS 2503	Fine Arts – Musical
		ART 2503	Fine Arts – Visual
		THEA 2503	Fine Arts - Theater
<b>Humanities</b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 1103	Introduction to Philosophy
		ENG 2003	World Literature to 1660
		ENG 2013	World Literature Since 1660
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			

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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Arkansas State University - Jonesboro

### 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.

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

General Psychology	3	PSY 2013	Introduction to Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## Arkansas State University - Jonesboro

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 3013/3011	Genetics/Laboratory
		BIOL 4104	Microbiology (includes Laboratory)
		BIOL 4133/4131	Cell Biology/Laboratory
<b>Chemistry</b>	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
<b>Physics</b>	6	PHYS 2054	General Physics I
- Two semesters of general physics		PHYS 2064	General Physics II
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	STAT 3233	Applied Statistics I
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		PSY 3103	Quantitative Methods for Behavioral Sciences
<b>Psychology</b>	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.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Arkansas State University - Jonesboro

### 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 I/Laboratory <u>or</u>
		BIOL 3223/3221	Human Structure and Function I/Laboratory
Human Physiology with Laboratory	4	BIOL 2223/2221	Human Anatomy & Physiology 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 <u>and</u>
		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	3	STAT 3233	Applied Statistics I
		PSY 3103	Quantitative Methods for Behavioral Sciences
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Arkansas State University - Jonesboro

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Composition I <b>and</b>
		ENG 1013	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMS 1203	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BIOL 2203/2201	Human Anatomy & Physiology I/Laboratory <b>and</b>
		BIOL 2223/2221	Human Anatomy & Physiology II/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>TOTAL</b>	<b>35</b>		

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.

## Arkansas State University - Jonesboro

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>ASU Course Code</u>	<u>ASU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1003	Composition I <b>and</b>
		ENG 1013	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMS 1203	Oral Communication
<b>MATHEMATICS</b>			
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
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BIOL 2203/2201	Human Anatomy & Physiology I/Laboratory <b>and</b>
		BIOL 2223/2221	Human Anatomy & Physiology II/Laboratory
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2103/2101	Microbiology for Nursing & Allied Health/Laboratory
		BIOL 4104	Microbiology (includes Laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1013/1011	General Chemistry I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Sociology</b>			
Introduction to Sociology	3	SOC 2213	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSY 2013	Introduction to Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	HP 2013	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**College of the Ouachitas**

**One College Circle**

**Malvern, AR 72104**

**(501) 337-5000**

## College of the Ouachitas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Biological Science with laboratories	20	BIOL 1124	Introduction to Biology (w/ laboratory)
		BIOL 2124	General Zoology (w/ laboratory)
		BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
		BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1214	General Chemistry I
		<b>N/A</b>	<b>No Second Chemistry Course Offered</b>
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# College of the Ouachitas

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>COTO Course Code</b>	<b>COTO Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1214	General Chemistry I
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1124	Introduction to Biology (w/ laboratory)
		BIOL 2124	General Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1113	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1113	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## College of the Ouachitas

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYC 1134	Introduction to Physical Science
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 1113	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1113	Introduction to Sociology
<b>History</b>			

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 <sup>th</sup> Century
		HIST 1123	Civilization since 16 <sup>th</sup> Century
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	DATA 1123	Fundamentals of Information Technology
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## College of the Ouachitas

### 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.

<b>REQUIRED COURSEWORK</b>	<b>COTO Course Code</b>	<b>COTO Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1124	Introduction to Biology (w/ laboratory)
Chemistry	CHEM 1214	General Chemistry I (w/ laboratory)
Psychology	PSYC 1113	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	<b>No Courses Offered</b>
Cell or Molecular Biology	N/A	<b>No Courses Offered</b>
Biochemistry	N/A	<b>No Courses Offered</b>
Statistics	GBUS 2023	Business Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 2113	Abnormal Psychology
Research methods	N/A	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>

#### 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.

## College of the Ouachitas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 2113	Oral Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

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

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## College of the Ouachitas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1124	Introduction to Biology (w/ laboratory)
		BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1214	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYC 1134	Introduction to Physical Science (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## College of the Ouachitas

### 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>COTO Course Code</b>	<b>COTO Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1214	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FILM 2213	Film Appreciation
		HUMN 2113	Humanities: Art
		HUMN 2123	Humanities: Music
		HUMN 2133	Humanities: Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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 16 <sup>th</sup> Century
		HIST 1123	Civilization since 16 <sup>th</sup> Century
<b>Psychology</b>			
General Psychology	3	PSYC 1113	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1113	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

## College of the Ouachitas

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	6	BIOL 1124	Introduction to Biology (w/ laboratory)
- General and specialized courses		BIOL 2244	Microbiology (w/ laboratory)
- Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience			
<b>Chemistry</b>	6	CHEM 1214	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		N/A	<b>No Second Chemistry Course Offered</b>
<b>Physics</b>	6	PHYC 1134	Introduction to Physical Science (w/ laboratory)
- Two semesters of general physics		N/A	<b>No Second Physics Course Offered</b>
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	GBUS 2023	Business Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 1113	General Psychology
- General and specialized courses.		PSYC 2113	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## College of the Ouachitas

### 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/ laboratory)
Human Physiology with Laboratory	4	BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Microbiology with Laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
Medical Genetics/Genetics	3	N/A	<b>No Courses Offered</b>
General Chemistry I and II with Laboratory	8	CHEM 1214	General Chemistry I (w/ laboratory)
		N/A	<b>No Second Chemistry Course Offered</b>
Organic Chemistry I with Laboratory	4	N/A	<b>No Courses Offered</b>
General Psychology	3	PSYC 1113	General Psychology
Biostatistics or Statistics	3	GBUS 2023	Business Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## College of the Ouachitas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1113	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1113	General Psychology

<b>TOTAL</b>	<b>35</b>		

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.



## College of the Ouachitas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>COTO Course Code</u>	<u>COTO Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1213	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 2113	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1143	College Algebra
Applied Statistics	3	GBUS 2023	Business Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1214	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1113	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1113	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	MEDT 1123	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



# HENDRIX

C O L L E G E

**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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	TART 110	The Art of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 320	Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 111	How Do We Know?
		PHIL 215	Ethics and Society
		ENGL 223	Literary & Cinematic Adaptations
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
History of the United States or National Government	3	HIST 110	North America to 1865
		HIST 111	U.S. History Since 1865
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## 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.

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

<b>Sociology</b>			
Introduction to Sociology	3	SOCI 110	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	TART 110	The Art of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 320	Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BIOL 205	Anatomy & Physiology I (w/ laboratory)
		BIOL 215	Anatomy & Physiology II (w/ laboratory)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 210	General Physics I (w/ laboratory) <b>AND</b>
		PHYS 220	General Physics II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 111	How Do We Know?
		PHIL 215	Ethics and Society
		ENGL 223	Literary & Cinematic Adaptations
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 110	Introduction to Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 110	Introduction to Sociology
<b>History</b>			
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 World History	6	HIST ###	Any Global History Courses <a href="#">Click here to see the list</a>
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	N/A	No Courses Offered
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Hendrix College

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

#### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>HC Course Code</b>	<b>HC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 220	General Zoology (w/ laboratory)
Chemistry	CHEM 110	Gen. Chemistry I: Sruct & Prop (w/ laboratory)
Psychology	PSYC 110	Introduction to Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 250	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 150	Cell Biology (w/ laboratory)
Biochemistry	CHEM 330	Biological Chemistry (w/ laboratory)
Statistics	MATH 215	Introductory Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 385	Abnormal Psychology
Research methods	<b>N/A</b>	<b>No Courses Offered</b>
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	<b>N/A</b>	<b>No Courses Offered</b>
Technical or Scientific Writing	<b>N/A</b>	<b>No Courses Offered</b>

#### 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.

# Hendrix College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	TART 110	The Art of Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
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
<b>Humanities<sup>4</sup></b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 111	How Do We Know?
		PHIL 215	Ethics and Society
		ENGL 223	Literary & Cinematic Adaptations
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
History of the United States or National Government	3	HIST 110	North America to 1865
		HIST 111	U.S. History Since 1865
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>			
	<u>11</u>		
<b>SUBTOTAL</b>			
	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			

<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 110	Gen Chem I: Struct & Prop (w/ laboratory)
		CHEM 120	Gen Chem II: Analy & React (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 320	Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 310	Probability and Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

## Hendrix College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	TART 110	The Art of Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 320	Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 205	Anatomy & Physiology I (w/ laboratory)
		BIOL 215	Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 150	Cell Biology (w/ laboratory)
		BIOL 340	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 110	Gen Chem I: Struct & Pop (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 210	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
Philosophy, Political Science, Literature, or Humanities	3	PHIL 111	How Do We Know?
		PHIL 215	Ethics and Society
		ENGL 223	Literary & Cinematic Adaptations
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
History of the United States or National Government	3	HIST 110	North America to 1865
		HIST 111	U.S. History Since 1865
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Hendrix College

### 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.

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

Introduction to Sociology	3	SOCI 110	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## Hendrix College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>Anatomy</b>	3	BIOL 205	Anatomy & Physiology I (w/ laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	6	BIOL 150	Cell Biology (w/ laboratory)
- General and specialized courses		BIOL 250	Genetics (w/ laboratory)
- Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience		BIOL 340	Microbiology (w/ laboratory)
<b>Chemistry</b>	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/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	MATH 310	Probability and Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	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.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Hendrix College

### Physician Assistant – M.P.A.S. – Master of Physician Assistant Studies Degree

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#### 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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Hendrix College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	TART 110	The Art of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 320	Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BIOL 205	Anatomy & Physiology I (w/ laboratory)
		BIOL 215	Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
History of the United States or National Government	3	HIST 110	North America to 1865
		HIST 111	U.S. History Since 1865
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 110	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 110	Introduction to Psychology
<b>TOTAL</b>	<b>35</b>		

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.

## Hendrix College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>HC Course Code</u>	<u>HC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 110	Introduction to Academic Writing
		ENGL 210	Advanced Academic Writing
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	TART 110	The Art of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 320	Algebra
Applied Statistics	3	MATH 310	Probability and Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BIOL 205	Anatomy & Physiology I (w/ laboratory)
		BIOL 215	Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 340	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 110	Gen Chem I: Struct & Pop (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
History of the United States or National Government	3	HIST 110	North America to 1865
		HIST 111	U.S. History Since 1865
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 110	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 110	Introduction to Psychology

<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	N/A	No Courses Offered
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**National Park College**

**101 College Dr.**

**Hot Springs, AR 71913**

**(501) 760-4222**

# National Park 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1204	General Chemistry I
		CHEM 2204	General Chemistry II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Other Social Sciences	6	ANTH 1113	General Anthropology



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

# National Park 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>NPC Course Code</b>	<b>NPC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1204	General Chemistry I
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1114	General Biology (w/ laboratory)
		BIOL 1154	Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1103	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## National Park 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1204	General Physics I <b>and</b>
		PHYS 2204	General Physics II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 1103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1103	Introduction to Sociology
<b>History</b>			

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 <b>and</b>
		HIST 2263	World Civilization since 1500
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CIS 1023	Introduction to Computing
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## National Park College

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

#### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>NPC Course Code</b>	<b>NPC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1114	General Biology (w/ laboratory)
Chemistry	CHEM 1204	General Chemistry I (w/ laboratory)
Psychology	PSYC 1103	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	<b>No Courses Offered</b>
Cell or Molecular Biology	N/A	<b>No Courses Offered</b>
Biochemistry	N/A	<b>No Courses Offered</b>
Statistics	MATH 1293	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 2163	Abnormal Psychology
Research methods	N/A	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>
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.

## National Park College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1103	Fundamentals of Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

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

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## National Park College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1114	General Biology (w/ laboratory)
		BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1204	General Chemistry I
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 1204	General Physics I
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

# National Park College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1114	General Biology (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
		BIOL 2234	Anatomy and Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1204	General Chemistry I
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 1213	Music Appreciation
		ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1103	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

## National Park College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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)
<b>Chemistry</b>	6	CHEM 1204	General Chemistry I <b>and</b>
- Two semesters of general or specialized chemistry		CHEM 2204	General Chemistry II
<b>Physics</b>	6	PHYS 1204	General Physics I <b>and</b>
- Two semesters of general physics		PHYS 2204	General Physics II
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	MATH 1293	Introduction to Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 1103	General Psychology
- General and specialized courses.		PSYC 2163	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## National Park College

### Physician Assistant – M.P.A.S. – Master of Physician Assistant Studies Degree

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#### 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) <b>and</b>
		BIOL 1154	Zoology (w/ laboratory)
Human Anatomy with Laboratory**	4	BIOL 2224	Anatomy and Physiology I (w/ laboratory)
Human Physiology with Laboratory	4	BIOL 2234	Anatomy and Physiology II (w/ laboratory)
Microbiology with Laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
Medical Genetics/Genetics	3	<b>N/A</b>	<b>No Course Offered</b>
General Chemistry I and II with Laboratory	8	CHEM 1204	General Chemistry I
		CHEM 2204	General Chemistry II
Organic Chemistry I with Laboratory	4	<b>N/A</b>	<b>No Course Offered</b>
General Psychology	3	PSYC 1103	General Psychology
Biostatistics or Statistics	<u>3</u>	MATH 1293	Introduction to Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## National Park College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
Fine Arts	3	MUS 1213	Music Appreciation
		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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1103	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1103	General Psychology

<b>TOTAL</b>	<b>35</b>		
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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.



## National Park College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NPC Course Code</u>	<u>NPC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 1113	English Composition I
		ENG 1123	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1103	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1123	College Algebra
Applied Statistics	3	MATH 1293	Introduction to Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2244	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1204	General Chemistry I
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
		MUS 1213	Music Appreciation
	3	ART 1593	Art Appreciation for Non-Art Majors
		TART 1153	Introduction to Theatre
<b>Humanities (including Philosophy, Political Science, Literature, or Humanities)</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Sociology</b>			
Introduction to Sociology	3	SOC 1103	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1103	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	ALH 1203	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1104	College Chemistry I (w/ laboratory)
		CHEM 1124	College Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Other Social Sciences	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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# Northwest Arkansas Community 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>NWACC Course Code</b>	<b>NWACC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1104	College Chemistry I (w/ laboratory)
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 2014	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
Lower-level Electives	6		
Upper-level Electives	<u>6</u>		
<b>TOTAL</b>	<b>51</b>		

\*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.

# Northwest Arkansas Community 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
<b>Physics</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CISQ 1103	Intro to Computer Information Systems
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Northwest Arkansas Community College

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

#### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>NWACC Course Code</b>	<b>NWACC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1544	Principles of Biology I (w/ laboratory)
Chemistry	CHEM 1104	College Chemistry I (w/ laboratory)
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 2324	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 2534	Cell Biology (w/ laboratory)
Biochemistry	N/A	<b>No Courses Offered</b>
Statistics	CISQ 2013	Business Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 2043	Abnormal Psychology
Research methods	N/A	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>
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.

## Northwest Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1303	Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b><u>SCIENCE AND MATHEMATICS REQUIREMENTS</u></b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1104	College Chemistry I (w/ laboratory)
		CHEM 1124	College Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
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
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.

## Northwest Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1544	Principles of Biology I (w/ laboratory)
		MBIO 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1104	College Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2014	College Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Northwest Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1544	Principles of Biology I (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1104	College Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARHS 1003	Art Appreciation
		MUSI 1003	Music Appreciation
		THTR 1003	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## Northwest Arkansas Community College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>Anatomy</b>	3	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	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)
<b>Chemistry</b>	6	CHEM 1104	College Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1124	College Chemistry II (w/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	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
<b>Psychology</b>	6	PSYC 2003	General Psychology
- General and specialized courses.		PSYC 2043	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Northwest Arkansas Community College

### 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	Principles of Biology I (w/ laboratory)
		BIOL 1014	General Biology II (w/ laboratory)
		BIOL 1604	General Zoology (w/ laboratory)
		BIOL 2534	Cell Biology (w/ laboratory)
Human Anatomy with Laboratory**	4	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
Human Physiology with Laboratory	4	BIOL 2224	Anatomy & Physiology II (w/ 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/ laboratory)
General Psychology	3	PSYC 2003	General Psychology
Biostatistics or Statistics	3	CISQ 2013	Business Statistics
		PSYC 2013	Introduction to Statistics for Behavioral and Social Sciences
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Northwest Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.

## Northwest Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>NWACC Course Code</u>	<u>NWACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1303	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1204	College Algebra
Applied Statistics	3	CISQ 2013	Business Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BIOL 2214	Anatomy & Physiology I (w/ laboratory)
		BIOL 2224	Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 2014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1104	College Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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

<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	AHSC 1403	Medical Terminology for Health Sciences
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**Ouachita Baptist University**

**410 Ouachita St.**

**Arkadelphia, AR 71998**

**(870) 245-5000**

# Ouachita Baptist 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1004	General Chemistry I (w/ laboratory)
		CHEM 1014	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FINA 3113	Fine Arts: Art
		FINA 3123	Fine Arts: Music
		FINA 3133	Fine Arts: Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			



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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# Ouachita Baptist 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>OBU Course Code</b>	<b>OBU Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1004	General Chemistry I (w/ laboratory)
		CHEM 1024	Fundamentals of Chemistry (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1014	General Biology I (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2604	Applied Microbiology (w/ laboratory)
		BIOL 3014	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2014	Human Anatomy and Physiology I (w/ laboratory)
		BIOL 2024	Human Anatomy and Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FINA 3113	Fine Arts: Art
		FINA 3123	Fine Arts: Music
		FINA 3133	Fine Arts: Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1013	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1003	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## Ouachita Baptist 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2024	College Physics I (w/ laboratory)
		PHYS 2054	University Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FINA 3113	Fine Arts: Art
		FINA 3123	Fine Arts: Music
		FINA 3133	Fine Arts: Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 1013	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1003	Introduction to Sociology

<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	BUAD 1033	Microcomputer Applications
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# Ouachita Baptist University

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

### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>OBU Course Code</b>	<b>OBU Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1014	General Biology I (w/ laboratory)
Chemistry	CHEM 1004	General Chemistry I (w/ laboratory)
Psychology	PSYC 1013	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 4054	Genetics (w/ laboratory)
Cell or Molecular Biology	BIOL 4064	Cell and Molecular Biology
Biochemistry	CHEM 4023	Biochemistry I
Statistics	MATH 2063	Elementary Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
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	<b>N/A</b>	<b>No Courses Offered</b>
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	<b>N/A</b>	<b>No Courses Offered</b>

### 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.

# Ouachita Baptist 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1003	Fundamentals of Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	FINA 3113	Fine Arts: Art
		FINA 3123	Fine Arts: Music
		FINA 3133	Fine Arts: Theatre
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1004	General Chemistry I (w/ laboratory)
		CHEM 1014	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	<b>8</b>	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
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1003	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2063	Elementary Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## Ouachita Baptist University

### 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.

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

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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Ouachita Baptist University

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1014	General Biology I (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIOL 2014	Human Anatomy and Physiology I (w/ laboratory)
		BIOL 2024	Human Anatomy and Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2604	Applied Microbiology (w/ laboratory)
		BIOL 3014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1004	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FINA 3113	Fine Arts: Art
		FINA 3123	Fine Arts: Music
		FINA 3133	Fine Arts: Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
History of Civilization or World History	3	HIST 1003	World Civilization to 1600
		HIST 1013	World Civilization Since 1600
<b>Psychology</b>			
General Psychology	3	PSYC 1013	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1003	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

# Ouachita Baptist University

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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
<b>Chemistry</b>	6	CHEM 1004	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1014	General Chemistry II (w/ laboratory)
<b>Physics</b>	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)
<b>Statistics</b>	3	MATH 2063	Elementary Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 1013	General Psychology
- General and specialized courses.		PSYC 3093	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Ouachita Baptist University

### Physician Assistant – M.P.A.S. – Master of Physician Assistant Studies Degree

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#### 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/ laboratory)
Human Physiology with Laboratory	4	BIOL 2024	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	<u>3</u>	MATH 2063	Elementary Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# Ouachita Baptist University

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1003	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1013	General Psychology

<b>TOTAL</b>	<b>35</b>		

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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>OBU Course Code</u>	<u>OBU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	CORE 1043	Composition I
		CORE 2053	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1003	Fundamentals of Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1003	College Algebra
Applied Statistics	3	MATH 2063	Elementary Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2604	Applied Microbiology (w/ laboratory)
		BIOL 3014	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1004	General Chemistry I (w/ laboratory)
		PHYS 2054	University Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1003	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1013	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	NSCI 4002	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



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

## Philander Smith 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHM 134	College Chemistry I (w/ laboratory)
		CHM 144	College Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			

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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## Philander Smith 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>PSC Course Code</b>	<b>PSC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHM 134	College Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIO 114	General Biology I (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIO 324	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCG 113	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## Philander Smith 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
<b>Physics</b>			
Introductory College Physics**	3	PHY 214	General Physics I (w/ laboratory) <b>AND</b>
		PHY 224	General Physics II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCG 113	Introduction to Sociology
<b>History</b>			



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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CSCI 113	Microcomputer Applications
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Philander Smith College

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

#### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>PSC Course Code</b>	<b>PSC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIO 114	General Biology I (w/ laboratory)
Chemistry	CHM 134	College Chemistry I (w/ laboratory)
Psychology	PSYC 103	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIO 204	Genetics (w/ laboratory)
Cell or Molecular Biology	BIO 304	Cell Biology (w/ laboratory)
Biochemistry	CHM 404	Biochemistry (w/ laboratory)
Statistics	MTH 333	Probability and Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See Above	See Above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 323	Abnormal Psychology
Research methods	N/A	<b>No Courses Offered</b>
Human anatomy	BIO 234	Anatomy and Physiology (w/ laboratory)
Human or vertebrate physiology	BIO 444	Human Physiology (w/ laboratory)
Human genetics	N/A	<b>No Courses Offered</b>
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.

## Philander Smith College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	ENG 103	Speech Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Social Sciences [Psychology, Sociology, Anthropology, Geography, or Economics]	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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHM 134	College Chemistry I (w/ laboratory)
		CHM 144	College Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	<b>8</b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MTH 133	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MTH 333	Probability and Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

## Philander Smith College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MTH 133	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIO 114	General Biology I (w/ laboratory)
		BIO 324	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHM 134	College Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHY 214	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Psychology, Sociology, Anthropology, Geography, or Economics	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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Philander Smith College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIO 114	General Biology I (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIO 324	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHM 134	College Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 103	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCG 113	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## Philander Smith College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>Anatomy</b>	3	BIO 234	Anatomy and Physiology (w/ laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIO 304	Cell Biology (w/ laboratory)
		BIO 324	Microbiology (w/ laboratory)
		BIO 204	Genetics (w/ laboratory)
<b>Chemistry</b>	6	CHM 134	College Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHM 144	College Chemistry II (w/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	MTH 333	Probability and Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 103	General Psychology
- General and specialized courses.		PSYC 323	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Philander Smith College

### 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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Philander Smith College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCG 113	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 103	General Psychology

<b>TOTAL</b>	<b>35</b>		
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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.

## Philander Smith College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PSC Course Code</u>	<u>PSC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENG 113	Composition I
		ENG 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	ENG 103	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MTH 133	College Algebra
Applied Statistics	3	MTH 333	Probability and Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BIO 234	Anatomy and Physiology (w/ laboratory)
		BIO 444	Human Physiology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIO 324	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHM 134	College Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	3	ART 153	Art Fundamentals
		MUS 103	Music Appreciation
<b>Humanities (including Philosophy, Political Science, Literature, or Humanities)</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCG 113	Introduction to Sociology

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

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

\*\*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.

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).



**Phillips Community College of the University of Arkansas**

**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**

# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CY 114	General Chemistry I (w/ laboratory)
		CY 124	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# Phillips Community College of the University of Arkansas

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>PCC Course Code</b>	<b>PCC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CY 114	General Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BY 114	General Biology I (w/ laboratory)
		BY 134	General Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BY 224	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			

General Psychology	3	PSY 213	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SY 213	Fundamental Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

# Phillips Community College of the University of Arkansas

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
<b>Physics</b>			
Introductory College Physics**	3	PS 215	General Physics I (w/ laboratory) <b>AND</b>
		PS 225	General Physics II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSY 213	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SY 213	Fundamental Sociology
<b>History</b>			
American History or National Government	3	HY 213	United States History to 1877
		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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CT 114	Computer Information Systems
		CT 213	Microcomputer Business Applications
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# Phillips Community College of the University of Arkansas

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

### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>PCC Course Code</b>	<b>PCC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
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)	<b>N/A</b>	<b>No Courses Offered</b>
Cell or Molecular Biology	<b>N/A</b>	<b>No Courses Offered</b>
Biochemistry	CY 204	Chemistry II for Health Sciences: Intro to Organic and Biochemistry
Statistics	MS 253	Math Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSY 243	Abnormal Psychology
Research methods	<b>N/A</b>	<b>No Courses Offered</b>
Human anatomy	BY 154	Anatomy and Physiology I (w/ laboratory)
Human or vertebrate physiology	BY 164	Anatomy and Physiology II (w/ laboratory)
Human genetics	<b>N/A</b>	<b>No Courses Offered</b>
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.

# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SP 243	Fundamentals of Speech
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			

<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CY 114	General Chemistry I (w/ laboratory)
		CY 124	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MS 123	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MS 253	Math Statistics
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.



# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MS 123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BY 114	General Biology I (w/ laboratory)
		BY 224	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CY 114	General Chemistry I (w/ laboratory)
		CY 124	General Chemistry II (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PS 215	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BY 114	General Biology I (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BY 224	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CY 114	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	FA 213	Fine Arts
		MSC 223	Music Appreciation
		SP 123	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSY 213	General Psychology

<b>Sociology</b>			
Introduction to Sociology	3	SY 213	Fundamental Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

# Phillips Community College of the University of Arkansas

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>Anatomy</b>	3	BY 154	Anatomy & Physiology I (w/ laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BY 224	Microbiology (w/ laboratory)
<b>Chemistry</b>	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)
<b>Physics</b>	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			
<b>Statistics</b>	3	MS 253	Math Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSY 213	General Psychology
- General and specialized courses.		PSY 243	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

# Phillips Community College of the University of Arkansas

## 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	<b>N/A</b>	<b>No Courses Offered</b>
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	<u>3</u>	MS 253	Math Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SY 213	Fundamental Sociology
<b>Psychology</b>			
General Psychology	3	PSY 213	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.



# Phillips Community College of the University of Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PCC Course Code</u>	<u>PCC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	EH 113	Composition I
		EH 123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SP 243	Fundamentals of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MS 123	College Algebra
Applied Statistics	3	MS 253	Math Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BY 154	Anatomy & Physiology I (w/ laboratory)
		BY 164	Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BY 224	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CY 114	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SY 213	Fundamental Sociology
<b>Psychology</b>			

General Psychology	3	PSY 213	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	OT 113	Medical Terminology I
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**South Arkansas Community College**

**300 S West Ave.**

**El Dorado, AR 71730**

**(870) 862-8131**

## South 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 II/Lab
		BIOL 2304/L	Kinesiology/Lab
		MBIO 1124/L	Microbiology/Lab
<b>Chemistry</b>			
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
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## South Arkansas Community 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>SACC Course Code</b>	<b>SACC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1024/L	Chemistry I for Science Majors/Lab
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1004/L	Fundamentals of Biology/Lab
		BIOL 1114/L	Biology for Majors/Lab
		BIOL 1024/L	Zoology/Lab
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 1124/L	Microbiology/Lab
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2064	Human Anatomy & Physiology I
		BIOL 2074	Human Anatomy & Physiology II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2003	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## South Arkansas Community 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Physics</b>			
Introductory College Physics**	3	<b>N/A</b>	<b>No Courses Offered</b>
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2003	Introduction to Sociology
<b>History</b>			
American History 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
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CSCI 1003	Computers and Information Processing
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## South Arkansas Community College

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

#### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>SACC Course Code</b>	<b>SACC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1004/L	Fundamentals of Biology/Lab
Chemistry	CHEM 1024/L	Chemistry I for Science Majors/Lab
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	N/A	No Courses Offered
Cell or Molecular Biology	N/A	No Courses Offered
Biochemistry	N/A	No Courses Offered
Statistics	MATH 2103	Introduction to Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
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.

## South Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Principles of Speech
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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
<b>Chemistry</b>			
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
<b>SCIENCE ELECTIVES<sup>2</sup></b>	<b>8</b>	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
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1023	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2103	Introduction to Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

## South Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2064/L	Human Anatomy & Physiology I/Lab
		BIOL 2074/L	Human Anatomy & Physiology II/Lab
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1004/L	Fundamentals of Biology/Lab
		BIOL 1114/L	Biology for Majors/Lab
		MBIO 1124/L	Microbiology/Lab
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1024/L	Chemistry I for Science Majors/Lab
<b>Physics</b>			
General Physics I <sup>4</sup>	4	<b>N/A</b>	<b>No Courses Offered</b>
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## South Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 systems <sup>2</sup>	8	BIOL 2064/L	Human Anatomy & Physiology I/Lab
		BIOL 2074/L	Human Anatomy & Physiology II/Lab
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 1124/L	Microbiology/Lab
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1024/L	Chemistry I for Science Majors/Lab
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ARTI 2003	Art Appreciation
		MUSI 2003	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2003	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## South Arkansas Community College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 1024/L	Zoology/Lab
		BIOL 2304/L	Kinesiology/Lab
		MBIO 1124/L	Microbiology/Lab
<b>Chemistry</b>	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
<b>Physics</b>	6	<b>N/A</b>	<b>No Courses Offered</b>
- Two semesters of general physics			
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	MATH 2103	Introduction to Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 2003	General Psychology
- General and specialized courses.		PSYC 2203	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## South Arkansas Community College

### 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	3	MATH 2103	Introduction to Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## South Arkansas Community College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
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
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2003	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology

<b>TOTAL</b>	<b>35</b>		
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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.

# South Arkansas Community College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SACC Course Code</u>	<u>SACC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Principles of Speech
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
Applied Statistics	3	MATH 2103	Introduction to Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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
<b>Microbiology</b>			
Microbiology with laboratory	4	MBIO 1124/L	Microbiology/Lab
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1024/L	Chemistry I for Science Majors/Lab
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			

Introduction to Sociology	3	SOCI 2003	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	HCIT 1003	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



# **SOUTHERN ARKANSAS UNIVERSITY**

**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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Chemistry</b>			
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
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# 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
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1013/1011	College Chemistry I/Lab
		CHEM 1023/1021	University Chemistry I/Lab
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1103/1101	University Biology I/Lab
		BIOL 2113/2111	General Zoology/Lab
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3032/3022	General Microbiology/Lab
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2063	Anatomy and Physiology I
		BIOL 2073	Anatomy and Physiology II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2003	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2003/2001	College Physics I/Lab <b>AND</b>
		PHYS 2103/2101	College Physics II/Lab
		PHYS 2203/2201	University Physics I/Lab <b>AND</b>
		PHYS 2213/2211	University Physics II/Lab
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			

General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2003	Introduction to Sociology
<b>History</b>			
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 World History	6	HIST 1003	World History I
		HIST 1013	World History II
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	3	IS 1003	Introduction to Computers
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## 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.

<b>REQUIRED COURSEWORK</b>	<b>SAU Course Code</b>	<b>SAU Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
Biology	BIOL 1103/1101	University Biology I/Lab
Chemistry	CHEM 1013/1011	College Chemistry I/Lab
Psychology	PSYC 2003	General Psychology
Genetics (should include coverage of Mendelian and molecular genetics)	BIOL 3033/3031	Genetics/Lab
Cell or Molecular Biology	BIOL 3043	Cell Biology
Biochemistry	CHEM 3073/3071	Biochemistry I/Lab
Statistics	MATH 3043	Introduction to Applied Probability and Statistics
Laboratory Course (Biology, Chemistry or Biochemistry)	See above	See above
<b>RECOMMENDED COURSEWORK</b>		
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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Introduction to Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		

<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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
<b>Chemistry</b>			
Two-semester sequence of General 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
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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
<b>MATHEMATICS</b>			
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
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## Southern Arkansas University

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2063/2061	Anatomy and Physiology I/Lab
		BIOL 2073/2071	Anatomy and Physiology II/Lab
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1103/1101	University Biology I/Lab
		BIOL 3032/3022	General Microbiology/Lab
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1013/1011	College Chemistry I/Lab
		CHEM 1023/1021	University Chemistry I/Lab
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2003/2001	College Physics I/Lab
		PHYS 2203/2201	University Physics I/Lab
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Southern Arkansas University

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 2063/2061	Anatomy & Physiology I/Lab
		BIOL 2073/2071	Anatomy & Physiology II/Lab
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 1103/1101	University Biology I/Lab
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1013/1011	College Chemistry I/Lab
		CHEM 1023/1021	University Chemistry I/Lab
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2013	Art Appreciation
		HUM 2003	Film Appreciation
		MUS 2013	Music Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2003	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

## Southern Arkansas University

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 3032/3022	General Microbiology/Lab
		BIOL 3033/3031	Genetics/Lab
		BIOL 4213/4221	Histology/Lab
<b>Chemistry</b>	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
<b>Physics</b>	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
<b>Statistics</b>	3	MATH 3043	Introduction to Applied Probability and Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		PSYC 3183	Statistics
<b>Psychology</b>	6	PSYC 2003	General Psychology
- General and specialized courses.		PSYC 4033	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Southern Arkansas University

### 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	3	MATH 3043	Introduction to Applied Probability and Statistics
		PSYC 3183	Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Southern Arkansas University

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
<b>SCIENCE</b>			
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
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2003	Introduction to Sociology
<b>Psychology</b>			

General Psychology	3	PSYC 2003	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.



# Southern Arkansas 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SAU Course Code</u>	<u>SAU Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1113	Composition I
		ENGL 1123	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1113	Introduction to Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1023	College Algebra
Applied Statistics	3	MATH 3043	Introduction to Applied Probability and Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3032/3022	General Microbiology/Lab
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1013/1011	College Chemistry I/Lab
		CHEM 1023/1021	University Chemistry I/Lab
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2003	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	BIOL 3403	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**Southeast Arkansas College (SEARK)**

**1900 S Hazel St.**

**Pine Bluff, AR 71603**

**(870) 543-5900**

## Southeast Arkansas College (SEARK)

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1434	General Chemistry I (w/ laboratory)
		CHEM 1444	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			

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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## Southeast Arkansas College (SEARK)

### 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
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1434	General Chemistry I (w/ laboratory)
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2474	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2303	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2313	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## Southeast Arkansas College (SEARK)

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2414	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2303	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2313	Introduction to Sociology
<b>History</b>			



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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	3	COMP 1123	Introduction to Computers
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Southeast Arkansas College (SEARK)

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

#### PREREQUISITES

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

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

#### A competitive applicant will possess:

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

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

## Southeast Arkansas College (SEARK)

### 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
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPEE 2393	Oral Communication for Public Address
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>			
	<u>11</u>		

<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1434	General Chemistry I (w/ laboratory)
		CHEM 1444	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	8	BIOL 1474	General Zoology (w/ laboratory)
		BIOL 2464	Human Anatomy & Physiology II (w/ laboratory)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1333	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2373	Introduction to Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

## Southeast Arkansas College (SEARK)

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2454	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2464	Human Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1464	Principles of Biology (w/ laboratory)
		BIOL 2474	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1434	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2414	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Southeast Arkansas College (SEARK)

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 2454	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2464	Human Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2474	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1434	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	ART 2343	Art History and Appreciation
		MUSI 2333	Music History and Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2303	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2313	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## Southeast Arkansas College (SEARK)

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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)
<b>Chemistry</b>	6	CHEM 1434	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1444	General Chemistry II (w/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	MATH 2373	Introduction to Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 2303	General Psychology
- General and specialized courses.		PSYC 2313	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Southeast Arkansas College (SEARK)

### 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	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>
General Psychology	3	PSYC 2303	General Psychology
Biostatistics or Statistics	3	MATH 2373	Introduction to Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Southeast Arkansas College (SEARK)

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2313	Introduction to Sociology
<b>Psychology</b>			

General Psychology	3	PSYC 2303	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.

## Southeast Arkansas College (SEARK)

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>SEARK Course Code</u>	<u>SEARK Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1313	English Composition I
		ENGL 1323	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPEE 2393	Oral Communication for Public Address
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1333	College Algebra
Applied Statistics	3	MATH 2373	Introduction to Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2474	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1434	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2313	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2303	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	HEAL 1113	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



# 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Biological Science with laboratories	20	BIOL 1306/1106	Biology for Science Majors I/laboratory
		BIOL 1307/1107	Biology for Science Majors II/laboratory
		BIOL 1308/1108	Biology for Non-Science Majors I/laboratory
		BIOL 1309/1109	Biology for Non-Science Majors 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 Majors/laboratory
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1411	General Chemistry I (w/ laboratory)
		CHEM 1412	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Other Social Sciences	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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>TXC Course Code</b>	<b>TXC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1411	General Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1306/1106	Biology for Science Majors I/laboratory
		BIOL 1313/1113	General Zoology
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2321/2121	Microbiology for Science Majors/laboratory
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2301	Anatomy and Physiology I
		BIOL 2302	Anatomy and Physiology II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities</b>			
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

<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2301	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1301	Introductory Sociology
Lower-level Electives	6		
Upper-level Electives	<u>6</u>		
<b>TOTAL</b>	<b>51</b>		

\*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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1301/1101	College Physics I/laboratory <b>and</b>
		PHYS 1302/1102	College Physics II/laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2301	General Psychology

<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1301	Introductory Sociology
<b>History</b>			
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 World History	6	HIST 2321	World Civilization I
		HIST 2322	World Civilization II
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	BCIS 1305	Business Computer Applications
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## Texarkana College

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

#### PREREQUISITES

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

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

#### A competitive applicant will possess:

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

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

## Texarkana College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1315	Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		

<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1411	General Chemistry I (w/ laboratory)
		CHEM 1412	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1314	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 1442	Elementary Statistical Methods
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## Texarkana College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2301/2101	Anatomy and Physiology I/laboratory
		BIOL 2302/2102	Anatomy and Physiology II/laboratory
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1306/1106	Biology for Science Majors I/laboratory
		BIOL 2321/2121	Microbiology for Science Majors/laboratory
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1411	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 1301/1101	College Physics I/laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## Texarkana College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1306/1106	Biology for Science Majors I/laboratory
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIOL 2301/2101	Anatomy and Physiology I/laboratory
		BIOL 2302/2102	Anatomy and Physiology II/laboratory
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2321/2121	Microbiology for Science Majors/laboratory
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1411	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2301	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1301	Introductory Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

## Texarkana College

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 1313/1113	General Zoology
		BIOL 2321/2121	Microbiology for Science Majors/laboratory
<b>Chemistry</b>	6	CHEM 1411	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1412	General Chemistry II (w/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	MATH 1442	Elementary Statistical Methods
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 2301	General Psychology
- General and specialized courses.		PSYC 2331	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## Texarkana College

### Physician Assistant – M.P.A.S. – Master of Physician Assistant Studies Degree

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#### 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	BIOL 2321/2121	Microbiology for Science Majors/laboratory
Medical Genetics/Genetics	3	<b>N/A</b>	<b>No Courses Offered</b>
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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## Texarkana College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
<b>SCIENCE</b>			
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
<b>FINE ARTS/HUMANITIES</b>			
Fine Arts	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
Humanities (including 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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1301	Introductory Sociology

<b>Psychology</b>			
General Psychology	3	PSYC 2301	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.



## Texarkana College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>TXC Course Code</u>	<u>TXC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1301	Composition I
		ENGL 1302	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1315	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1314	College Algebra
Applied Statistics	3	MATH 1442	Elementary Statistical Methods
<b>SCIENCE* **</b>			
<b>Biology</b>			
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
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2321/2121	Microbiology for Science Majors/laboratory
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1411	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	3	MUSI 1306	Music Appreciation
		ARTS 1301	Art Appreciation
		DRAM 1310	Introduction to Theater
Humanities (including 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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 1301	Introductory Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2301	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	MDCA 1213	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

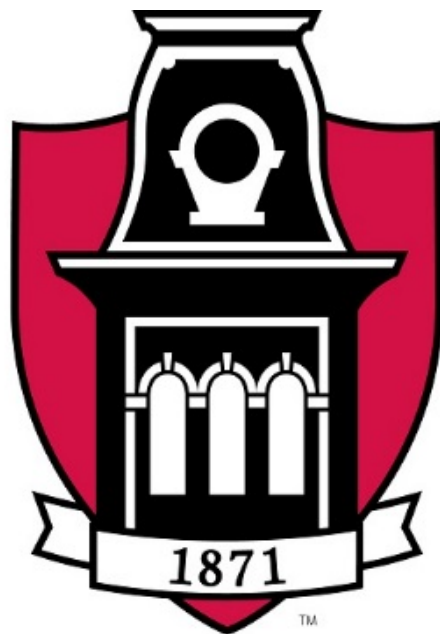
\*\*\*Anatomy and physiology courses must cover all body systems and include accompanying laboratory sections. For applicants to the RRT-to-BS Degree Completion thesis track, one 4 credit A&P course w/ lab plus one 4 credit science course w/ lab is acceptable.

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

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).



# UNIVERSITY OF ARKANSAS

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**University of Arkansas – Fayetteville**

**1 University of Arkansas**

**Fayetteville, AR 72701**

**(479) 575-2000**

## University of Arkansas - Fayetteville

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1103/1101L	University Chemistry I/Laboratory
		CHEM 1123/1121L	University Chemistry II/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Arkansas - Fayetteville

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UA Course Code</b>	<b>UA Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1103/1101L	University Chemistry I/Laboratory
		CHEM 1073/1071L	Fundamentals of Chemistry/Laboratory
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1543/1541L	Principles of Biology/Laboratory
		BIOL 1603/1601L	Principles of Zoology/Laboratory
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2013/2011L	General Microbiology/Laboratory
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2213	Human Physiology
		BIOL 2443	Human Anatomy
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## University of Arkansas - Fayetteville

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory	8	BIOL 2213/2211L	Human Physiology/Laboratory
		BIOL 2443/2441L	Human Anatomy/Laboratory
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2013	College Physics I <b>and</b>
		PHYS 2033	College Physics II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			



Introduction to Sociology	3	SOCI 2013	General Sociology
<b>History</b>			
American History 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
Two-semester sequence of History of Civilization or World History	6	HIST 1113	Institutions and Ideas of Western Civilization I
		HIST 1123	Institutions and Ideas of Western Civilization II
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	ISYS 1123	Business Application Knowledge – Computer Competency
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# University of Arkansas - Fayetteville

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

### PREREQUISITES

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

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

### A competitive applicant will possess:

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

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

# University of Arkansas - Fayetteville

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1313	Public Speaking
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
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
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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

<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1103/1101L	University Chemistry I/Laboratory
		CHEM 1123/1121L	University Chemistry II/Laboratory
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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
<b>MATHEMATICS</b>			
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
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.

# University of Arkansas - Fayetteville

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2213/2211L	Human Physiology/Laboratory
		BIOL 2443/2441L	Human Anatomy/Laboratory
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1543/1541L	Principles of Biology/Laboratory
		BIOL 2013/2011L	General Microbiology/Laboratory
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1103/1101L	University Chemistry I/Laboratory
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2013/2011L	College Physics I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## University of Arkansas - Fayetteville

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1543/1541L	Principles of Biology/Laboratory
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	8	BIOL 2213/2211L	Human Physiology/Laboratory
		BIOL 2443/2441L	Human Anatomy/Laboratory
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2013/2011L	General Microbiology/Laboratory
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1103/1101L	University Chemistry I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
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
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



# University of Arkansas - Fayetteville

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>Anatomy</b>	3	BIOL 2443/2441L	Human Anatomy/Laboratory
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 2013/2011L	General Microbiology/Laboratory
		BIOL 2323/2321L	General Genetics/Laboratory
		BIOL 2533/2531L	Cell Biology/Laboratory
<b>Chemistry</b>	6	CHEM 1103/1101L	University Chemistry I/Laboratory
- Two semesters of general or specialized chemistry		CHEM 1123/1121L	University Chemistry II/Laboratory
<b>Physics</b>	6	PHYS 2013	College Physics I
- Two semesters of general physics		PHYS 2033	College Physics II
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	PSYC 2013	Introduction to Statistics for the Psychology
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		STAT 2023	Biostatistics
		STAT 2303	Principles of Statistics
<b>Psychology</b>	6	PSYC 2003	General Psychology
- General and specialized courses.		PSYC 3023	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## University of Arkansas - Fayetteville

### 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	Organic Physiological Chemistry/Laboratory
General Psychology	3	PSYC 2003	General Psychology
Biostatistics or Statistics	3	PSYC 2013	Introduction to Statistics for the Psychology
		STAT 2023	Biostatistics
		STAT 2303	Principles of Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# University of Arkansas - Fayetteville

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
Two-semester sequence of Anatomy and Physiology with laboratory*	8	BIOL 2213/2211L	Human Physiology/Laboratory
		BIOL 2443/2441L	Human Anatomy/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			

Introduction to Sociology	3	SOCI 2013	General Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>TOTAL</b>	<b>35</b>		

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 - Fayetteville

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UA Course Code</u>	<u>UA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	Composition I
		ENGL 1023	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1313	Public Speaking
<b>MATHEMATICS</b>			
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
<b>SCIENCE* **</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory***	8	BIOL 2213/2211L	Human Physiology/Laboratory
		BIOL 2443/2441L	Human Anatomy/Laboratory
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2013/2011L	General Microbiology/Laboratory
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1103/1101L	University Chemistry I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2013	General Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2003	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	PBHL 2663	Terminology for the Health Professions
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Biological Science with laboratories	20	BIOL 1401	Science of Biology (w/ Laboratory)
		BIOL 1411	Intro to Human Anatomy and Physiology I (w/ Laboratory)
		BIOL 1412	Intro to Human Anatomy and Physiology 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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1402	General Chemistry I (w/ Laboratory)
		CHEM 1403	General Chemistry II (w/ Laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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



<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Arkansas at Little Rock

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UALR Course Code</b>	<b>UALR Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1402	General Chemistry I (w/ Laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1401	Science of Biology (w/ Laboratory)
		BIOL 2403	Zoology (w/ Laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2401	Microbiology (w/ Laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 1411	Intro to Human Anatomy and Physiology I (w/ Laboratory)
		BIOL 1412	Intro to Human Anatomy and Physiology II (w/ Laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

# University of Arkansas at Little Rock

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1310	Physical Concepts
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>History</b>			

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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CPSC 1370	Computer Literacy
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# University of Arkansas at Little Rock

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

### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>UALR Course Code</b>	<b>UALR Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
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
<b>RECOMMENDED COURSEWORK</b>		
Abnormal psychology	PSYC 3360	Abnormal Psychology
Research methods	PSYC 3341	Research Methods I
Human anatomy	BIOL 1411	Intro to Human Anatomy & Physiology I (w/ laboratory)
Human or vertebrate physiology	BIOL 1412	Intro to Human Anatomy & Physiology II (w/ laboratory)
Human genetics	BIOL 3313	Human Genetics
Child development	ELEM 2302	Child Growth and Development
Medical terminology; Greek and Latin usage in English language	NURS 1301	Medical Terminology for Nursing
Technical or Scientific Writing	RHET 3322	Intro to Professional and Technical Writing

### A competitive applicant will possess:

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

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

# University of Arkansas at Little Rock

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			

<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1402	General Chemistry I (w/ Laboratory)
		CHEM 1403	General Chemistry II (w/ Laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
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
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup> Chemistry 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.

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

<sup>3</sup> The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup> 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.



# University of Arkansas at Little Rock

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	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 <sup>5</sup>	4	BIOL 1401	Science of Biology (w/ Laboratory)
		BIOL 2401	Microbiology (w/ Laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1402	General Chemistry I (w/ Laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 1321/1121	College Physics I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## University of Arkansas at Little Rock

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 1411	Intro to Human Anatomy and Physiology I (w/ Laboratory)
		BIOL 1412	Intro to Human Anatomy and Physiology II (w/ Laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2401	Microbiology (w/ Laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1402	General Chemistry I (w/ Laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUHL 2305	Introduction to Music
		ARHA 2305	Introduction to Visual Arts
		THEA 2305	Introduction to Theatre and Dance
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

# University of Arkansas at Little Rock

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>Anatomy</b>	3	BIOL 1411	Intro to Human Anatomy and Physiology I (w/ Laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	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			
<b>Biology</b>	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)
<b>Chemistry</b>	6	CHEM 1402	General Chemistry I (w/ Laboratory)
- Two semesters of general or specialized chemistry		CHEM 1403	General Chemistry II (w/ Laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	STAT 2350	Introduction to Statistical Methods
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		PSYC 2340	Statistics & Methods I
<b>Psychology</b>	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.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

# University of Arkansas at Little Rock

## 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 Physiology I (w/ Laboratory)
Human Physiology with Laboratory	4	BIOL 1412	Intro to Human Anatomy and 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)
Organic Chemistry I with Laboratory	4	CHEM 3350/3150	General Organic Chemistry I/Laboratory
General Psychology	3	PSYC 2300	Psychology and the Human Experience
Biostatistics or Statistics	3	STAT 2350	Introduction to Statistical Methods
		PSYC 2340	Statistics & Methods I
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# University of Arkansas at Little Rock

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience

<b>TOTAL</b>	<b>35</b>		

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 Little Rock

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UALR Course Code</u>	<u>UALR Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	RHET 1311	Composition I
		RHET 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
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
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2401	Microbiology (w/ Laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1402	General Chemistry I (w/ Laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			

Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	NURS 1301	Medical Terminology for Nursing
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**University of Arkansas at Pine Bluff**

**1200 University Dr.**

**Pine Bluff, AR 71601**

**(870) 575-8000**

# University of Arkansas at Pine Bluff

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
		BIOL 2451	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2452	Human Anatomy & Physiology II (w/ laboratory)
		BIOL 3440	Genetics (w/ laboratory)
		BIOL 3470	General Microbiology (w/ laboratory)
		BIOL 3480	Cell Biology (w/ laboratory)
		BIOL 3490	Histology (w/ laboratory)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1430	General Chemistry I (w/ laboratory)
		CHEM 1440	General Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Arkansas at Pine Bluff

## 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
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1410	Principles of Chemistry (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1455	Principles of Biology (w/ laboratory)
		BIOL 1460	General Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3470	General Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2451	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2452	Human Anatomy & Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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

<b>Psychology</b>			
General Psychology	3	PSYC 2300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2310	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

## University of Arkansas at Pine Bluff

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 2410	General Physics I (w/ laboratory) <b>and</b>
		PHYS 2420	General Physics II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2310	Introduction to Sociology
<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CPSC 2363	Introduction to Business Programming
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

## University of Arkansas at Pine Bluff

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

#### PREREQUISITES

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

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

#### A competitive applicant will possess:

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

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

## University of Arkansas at Pine Bluff

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	MCOM 2390	Oral Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1430	General Chemistry I (w/ laboratory)
		CHEM 1440	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	<b>8</b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1330	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2370	Introduction to Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.

## University of Arkansas at Pine Bluff

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2451	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2452	Human Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1450	Biological Science (w/ laboratory)
		BIOL 1455	Principles of Biology (w/ laboratory)
		BIOL 3470	General Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1430	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 2410	General Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## University of Arkansas at Pine Bluff

### 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UAPB Course Code</b>	<b>UAPB Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 2451	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2452	Human Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3470	General Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1430	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSI 2330	Music History & Appreciation
		ART 2340	Art Appreciation and History of Art
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			

General Psychology	3	PSYC 2300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2310	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



## University of Arkansas at Pine Bluff

### 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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 Neuroscience		BIOL 3440	Genetics (w/ laboratory)
		BIOL 3470	General Microbiology (w/ laboratory)
		BIOL 3480	Cell Biology (w/ laboratory)
<b>Chemistry</b>	6	CHEM 1430	General Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1440	General Chemistry II (w/ laboratory)
<b>Physics</b>	6	PHYS 2410	General Physics I (w/ laboratory)
- Two semesters of general physics		PHYS 2420	General Physics II (w/ laboratory)
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	MATH 2370	Introduction to Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSYC 2300	General Psychology
- General and specialized courses.		PSYC 3303	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## University of Arkansas at Pine Bluff

### Physician Assistant – M.P.A.S. – Master of Physician Assistant Studies Degree

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#### 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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

## University of Arkansas at Pine Bluff

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2310	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2300	General Psychology
<b>TOTAL</b>	<b>35</b>		

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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UAPB Course Code</u>	<u>UAPB Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	English Composition I
		ENGL 1321	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	MCOM 2390	Oral Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1330	College Algebra
Applied Statistics	3	MATH 2370	Introduction to Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3470	General Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1430	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2310	Introduction to Sociology
<b>Psychology</b>			

General Psychology	3	PSYC 2300	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	N/A	No Courses Offered
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**UNIVERSITY OF ARKANSAS**  
**PULASKI TECH**

**University of Arkansas - Pulaski Technical College**

**3000 W Scenic Dr.**

**North Little Rock, AR 72118**

**(501) 812-2200**

# University of Arkansas - Pulaski Technical 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1303/1103	Fundamental Chemistry I <b>and</b>
		CHEM 1304/1104	Fundamental Chemistry II
		CHEM 1305/1105	General Chemistry I <b>and</b>
		CHEM 1306/1106	General Chemistry II
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
Other Social Sciences	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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Arkansas - Pulaski Technical 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>PTC Course Code</b>	<b>PTC Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1303/1103	Fundamental Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1302/1102	Biological Science (w/ laboratory)
		BIOL 2305/2105	General Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2301/2101	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 1304	Human Anatomy and Physiology I (w/ laboratory)
		BIOL 1305	Human Anatomy and Physiology II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

# University of Arkansas - Pulaski Technical 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1301	Applied Physics
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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

<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CIS 1103	Computer Concepts
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# University of Arkansas - Pulaski Technical College

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

### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>PTC Course Code</b>	<b>PTC Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
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 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
<b>RECOMMENDED COURSEWORK</b>		
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.

# University of Arkansas - Pulaski Technical College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b><u>SCIENCE AND MATHEMATICS REQUIREMENTS</u></b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1303/1103	Fundamental Chemistry I (w/ laboratory) <b>and</b>
		CHEM 1304/1104	Fundamental Chemistry II (w/ laboratory)
		CHEM 1305/1105	General Chemistry I (w/ laboratory) <b>and</b>
		CHEM 1306/1106	General Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1302	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2320	Introduction to Statistics and Probability
		PSYC 2340	Behavioral Statistics
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



# University of Arkansas - Pulaski Technical College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	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 <sup>5</sup>	4	BIOL 2301/2101	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1303/1103	Fundamental Chemistry I (w/ laboratory)
		CHEM 1305/1105	General Chemistry I (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 1302/1102	College Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## University of Arkansas - Pulaski Technical College

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 1304/1104	Human Anatomy and Physiology I (w/ laboratory)
		BIOL 1305/1105	Human Anatomy and Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2301/1101	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1303/1103	Fundamental Chemistry I (w/ laboratory)
		CHEM 1305/1105	General Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

# University of Arkansas - Pulaski Technical College

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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			
<b>Chemistry</b>	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)
<b>Physics</b>	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			
<b>Statistics</b>	3	MATH 2320	Introduction to Statistics and Probability
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		PSYC 2340	Behavioral Statistics
<b>Psychology</b>	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.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## University of Arkansas - Pulaski Technical College

### 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) <b>and</b>
		BIOL 2305/2105	General Zoology (w/ laboratory)
Human Anatomy with Laboratory**	4	BIOL 1304/1104	Human Anatomy and Physiology I (w/ laboratory)
Human Physiology with Laboratory	4	BIOL 1305/1105	Human Anatomy and Physiology II (w/ laboratory)
Microbiology with Laboratory	4	BIOL 2301/2101	Microbiology (w/ laboratory)
Medical Genetics/Genetics	3	N/A	<b>No Courses Offered</b>
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	<b>No Courses Offered</b>
General Psychology	3	PSYC 2300	Psychology and the Human Experience
Biostatistics or Statistics	3	MATH 2320	Introduction to Statistics and Probability
		PSYC 2340	Behavioral Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# University of Arkansas - Pulaski Technical College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1302	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>TOTAL</b>	<b>35</b>		

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 - Pulaski Technical College

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>PTC Course Code</u>	<u>PTC Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1311	Composition I
		ENGL 1312	Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPCH 1300	Speech Communication
<b>MATHEMATICS</b>			
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
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2301/2101	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1303/1103	Fundamental Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	3	MUSC 2300	Introduction to Music
		ARTS 2300	Introduction of Visual Arts
		THEA 2300	Introduction to Theatre
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOCI 2300	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 2300	Psychology and the Human Experience
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	MET 1103	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



**University of Arkansas Community College at Morrilton**

**1537 University Blvd.**

**Morrilton, AR 72110**

**(501) 977-2053**

# University of Arkansas Community College at Morrilton

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Biological Science with laboratories	20	BIOL 1004	Fundamentals of Biology (w/ laboratory)
		BIOL 2004	Human Anatomy & Physiology I (w/ 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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 2123/2121L	General College Chemistry I/Laboratory
		CHEM 2133/2131L	General College Chemistry II/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Arkansas Community College at Morrilton

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UACCM Course Code</b>	<b>UACCM Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1004	Fundamentals of Chemistry (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1004	Fundamentals of Biology (w/ laboratory)
		BIOL 2034	Principles of Zoology (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2104	Microbiology (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Psychology</b>			
General Psychology	3	PSY 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2013	Introduction to Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

# University of Arkansas Community College at Morrilton

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHY 2004	Physical Science (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSY 2003	General Psychology
<b>Sociology</b>			



Introduction to Sociology	3	SOC 2013	Introduction to Sociology
<b>History</b>			
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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	3	CIS 1013	Introduction to Computers
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# University of Arkansas Community College at Morrilton

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

### PREREQUISITES

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

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

### A competitive applicant will possess:

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

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

# University of Arkansas Community College at Morrilton

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPH 2303	Introduction to Oral Communications
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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

<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		
<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b><u>SCIENCE AND MATHEMATICS REQUIREMENTS</u></b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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)
<b>Chemistry</b>			
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
<b>SCIENCE ELECTIVES<sup>2</sup></b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1203	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2003	Introduction to Statistics
<b>SUBTOTAL</b>	<u>34</u>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.

# University of Arkansas Community College at Morrilton

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	8	BIOL 2004	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2014	Human Anatomy & Physiology II (w/ laboratory)
Biological Sciences or Microbiology <sup>5</sup>	4	BIOL 1004	Fundamentals of Biology (w/ laboratory)
		BIOL 2104	Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 2123/2121L	General College Chemistry I/Laboratory
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHY 2004	Physical Science (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			

<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

# University of Arkansas Community College at Morrilton

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UACCM Course Code</b>	<b>UACCM Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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 <sup>2</sup>	8	BIOL 2004	Human Anatomy & Physiology I (w/ laboratory)
		BIOL 2014	Human Anatomy & Physiology II (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2104	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 2123/2121L	General College Chemistry I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2003	Music Appreciation
		ART 2003	Art Appreciation
		THEA 2003	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Psychology</b>			
General Psychology	3	PSY 2003	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2013	Introduction to Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).



# University of Arkansas Community College at Morrilton

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>Anatomy</b>	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			
<b>Physiology</b>	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			
<b>Biology</b>	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)
<b>Chemistry</b>	6	CHEM 2123/2121L	General College Chemistry I/Laboratory
- Two semesters of general or specialized chemistry		CHEM 2133/2131L	General College Chemistry II/Laboratory
<b>Physics</b>	6	PHY 2004	Physical Science (w/ laboratory)
- Two semesters of general physics		<b>N/A</b>	<b>No Other Physics Courses Offered</b>
- Recommended: light, heat, sounds, electricity and mechanics			
<b>Statistics</b>	3	MATH 2003	Introduction to Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis			
<b>Psychology</b>	6	PSY 2003	General Psychology
- General and specialized courses.		PSY 2013	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## University of Arkansas Community College at Morrilton

### 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/ laboratory)
		BIOL 2034	Principles of Zoology (w/ laboratory)
Human Anatomy with Laboratory**	4	BIOL 2004	Human Anatomy & Physiology I (w/ laboratory)
Human Physiology with Laboratory	4	BIOL 2014	Human Anatomy & Physiology II (w/ laboratory)
Microbiology with Laboratory	4	BIOL 2104	Microbiology (w/ laboratory)
Medical Genetics/Genetics	3	<b>N/A</b>	<b>No Courses Offered</b>
General Chemistry I and II with Laboratory	8	CHEM 2123/2121L	General College Chemistry I/Laboratory
		CHEM 2133/2131L	General College Chemistry 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
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# University of Arkansas Community College at Morrilton

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2013	Introduction to Sociology

<b>Psychology</b>			
General Psychology	3	PSY 2003	General Psychology
<b>TOTAL</b>	<b>35</b>		

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 Community College at Morrilton

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UACCM Course Code</u>	<u>UACCM Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	ENGL 1013	English Composition I
		ENGL 1023	English Composition II
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	SPH 2303	Introduction to Oral Communications
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1203	College Algebra
Applied Statistics	3	MATH 2003	Introduction to Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2104	Microbiology (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 2123/2121L	General College Chemistry I/Laboratory
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 2013	Introduction to Sociology
<b>Psychology</b>			
General Psychology	3	PSY 2003	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	HLSC 1003	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).



UNIVERSITY OF  
**CENTRAL**  
**ARKANSAS**

**University of Central Arkansas**

**201 Donaghey Ave.**

**Conway, AR 72035**

**(501) 450-5000**

# University of Central Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Chemistry</b>			
Two-semester sequence of Chemistry with laboratories	8	CHEM 1450	College Chemistry I (w/ laboratory)
		CHEM 1451	College Chemistry II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities</b>			
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



<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES</b>	<u>25</u>		
<b>TOTAL</b>	<b>80</b>		

# University of Central Arkansas

## 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UCA Course Code</b>	<b>UCA Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
<b>Chemistry</b>			
Principles of chemistry course with laboratory	4	CHEM 1450	College Chemistry I (w/ laboratory)
<b>Biology</b>			
Principles of biology course with laboratory (A Zoology course is also acceptable.)	4	BIOL 1440	Principles of Biology I (w/ laboratory)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 3420	General Microbiology (w/ laboratory)
		BIOL 2411	Microbiology in Human Affairs (w/ laboratory)
<b>Anatomy &amp; Physiology</b>			
Two-semester sequence of Anatomy & Physiology (labs not required)	6	BIOL 2406	Structure and Function of the Human Body I (w/ laboratory)
		BIOL 2407	Structure and Function of the Human Body II (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1300	Principles of Sociology
Lower-level Electives	6		
<b>TOTAL</b>	<b>51</b>		

\*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.

# University of Central Arkansas

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication*	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
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)
<b>Physics</b>			
Introductory College Physics**	3	PHYS 1410	College Physics I (w/ laboratory) <u>or</u>
		PHYS 1405	Applied Physics (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>Psychology</b>			
General Psychology	3	PSYC 1300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1300	Principles of Sociology
<b>History</b>			

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
<b>COMPUTER SCIENCE</b>			
Computer Fundamentals/Applications	<u>3</u>	CSCI 1300	Introduction to Computing
<b>TOTAL</b>	<b>47</b>		

\*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.

\*\*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.

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).

# University of Central Arkansas

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

### PREREQUISITES

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

<b>REQUIRED COURSEWORK</b>	<b>UCA Course Code</b>	<b>UCA Course Name</b>
<b>A minimum of two quarters or one semester in <u>each</u> of the following subject areas:</b>		
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
<b>RECOMMENDED COURSEWORK</b>		
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	<b>N/A</b>	<b>No Courses Offered</b>
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.

# University of Central Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>CORE CURRICULUM*</b>			
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1300	Principles of Communication
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts<sup>3</sup></b>			
Music, Art, Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities<sup>4</sup></b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Social Sciences</b>			
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
<b>ELECTIVES<sup>2</sup></b>	<u>11</u>		
<b>SUBTOTAL</b>	35		

<b>*6 hours of core curriculum may be completed after enrolling in the program but prior to graduation.</b>			
<b>SCIENCE AND MATHEMATICS REQUIREMENTS</b>			
<b>SCIENCE</b>			
<b>Biological/Health Science:<sup>1</sup></b>			
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) <b>or</b>
		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)
<b>Chemistry</b>			
Two-semester sequence of General Chemistry with laboratories	8	CHEM 1450	College Chemistry I (w/ laboratory)
		CHEM 1451	College Chemistry II (w/ laboratory)
<b>SCIENCE ELECTIVES<sup>2</sup></b>	<b>8</b>	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)
<b>MATHEMATICS</b>			
College Algebra	3	MATH 1390	College Algebra
Trigonometry/Statistics/Calculus (or higher level math)	<u>3</u>	MATH 2311	Elementary Statistics
		PSYC 2330	Psychological Statistics
<b>SUBTOTAL</b>	<b><u>34</u></b>		
<b>TOTAL</b>	<b>69</b>		

<sup>1</sup>Chemistry 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.

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

<sup>3</sup>The Fine Arts requirement cannot be fulfilled with a studio course.

<sup>4</sup>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.



## University of Central Arkansas

### 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>ENGLISH/COMMUNICATIONS</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra or higher level Mathematics	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Two-semester sequence of Anatomy and Physiology with laboratory <sup>2</sup>	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 <sup>5</sup>	4	BIOL 1440	Principles of Biology I (w/ laboratory)
		BIOL 2411	Microbiology in Human Affairs (w/ laboratory)
		BIOL 3420	General Microbiology (w/ laboratory)
<b>Chemistry</b>			
General Chemistry I <sup>3</sup>	4	CHEM 1450	College Chemistry I (w/ laboratory)
		CHEM 1402	General Chemistry for Health Sciences (w/ laboratory)
<b>Physics</b>			
General Physics I <sup>4</sup>	4	PHYS 1410	College Physics I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Art, Music or Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			

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
<b>Social Sciences</b>			
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
<b>LOWER LEVEL ELECTIVES</b>	33		
<b>TOTAL</b>	<b>80</b>		

\*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.

<sup>1</sup>Due 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.

<sup>2</sup>Course work must cover all body systems and include laboratory credit.

<sup>3</sup>Course 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.

<sup>4</sup>Course 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.

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

## University of Central Arkansas

### 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.

<b>Area/Typical Course Title</b>	<b>Minimum Credits</b>	<b>UCA Course Code</b>	<b>UCA Course Name</b>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication <sup>1</sup>	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
<b>Biology</b>			
Principles of biology course with laboratory	4	BIOL 1440	Principles of Biology I (w/ laboratory)
Anatomy & Physiology I & II with laboratory that covers all body systems <sup>2</sup>	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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2411	Microbiology in Human Affairs (w/ laboratory)
<b>Chemistry</b>			
Principles of chemistry course	4	CHEM 1450	College Chemistry I (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
Music, Art, Theater	3	MUS 2300	Music Appreciation
		ART 2300	Art Appreciation
		THEA 2300	Theatre Appreciation
<b>Humanities</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Psychology</b>			
General Psychology	3	PSYC 1300	General Psychology
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1300	Principles of Sociology
Electives	9		Additional science/math recommended
<b>TOTAL</b>	<b>56</b>		

<sup>1</sup>Due 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.

<sup>2</sup>A single 4 credit anatomy & physiology course covering all body systems 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.

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).

# University of Central Arkansas

## 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:

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>Anatomy</b>	3	BIOL 2406	Structure and Function of the Human Body I (w/ laboratory)
- Human or Vertebrate Anatomy			
- Recommended focus on neuromuscular system			
- Course w/ human cadaver dissection lab preferred			
<b>Physiology</b>	3	BIOL 2407	Structure and Function of the Human Body II (w/ laboratory)
- Human or Vertebrate Physiology			
- Recommended: striated and cardiac muscle physiology, cardiovascular regulation, physiology of respiration and acid-base homeostasis			
<b>Biology</b>	6	BIOL 1440	Principles of Biology I (w/ laboratory)
- General and specialized courses		BIOL 1441	Principles of Biology II (w/ laboratory)
- Recommended: Histology, Microbiology, Immunology, Developmental Biology, or Neuroscience		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)
<b>Chemistry</b>	6	CHEM 1450	College Chemistry I (w/ laboratory)
- Two semesters of general or specialized chemistry		CHEM 1451	College Chemistry II (w/ laboratory)
<b>Physics</b>	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			
<b>Statistics</b>	3	MATH 2311	Elementary Statistics
- Recommended: Biostatistics, Research Methods & Design, Hypothesis Testing, and Quantitative Analysis		PSYC 2330	Psychological Statistics
<b>Psychology</b>	6	PSYC 1300	General Psychology
- General and specialized courses.		PSYC 4320	Abnormal Psychology
- Recommended: Abnormal Psychology, Child Psychology, Developmental Psychology, and Psychology of Aging.			
<b>TOTAL</b>	<b>33</b>		

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](mailto:ptprogram@uams.edu).

## University of Central Arkansas

### 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 Body I (w/ laboratory)
Human Physiology with Laboratory	4	BIOL 2407	Structure and Function of the Human 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	3	MATH 2311	Elementary Statistics
		PSYC 2330	Psychological Statistics
<b>TOTAL</b>	<b>41</b>		

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

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

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.

# University of Central Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
<b>SCIENCE</b>			
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)
<b>FINE ARTS/HUMANITIES</b>			
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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1300	Principles of Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1300	General Psychology

<b>TOTAL</b>	<b>35</b>		

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 Central Arkansas

## 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.

<u>Area/Typical Course Title</u>	<u>Minimum Credits</u>	<u>UCA Course Code</u>	<u>UCA Course Name</u>
<b>ENGLISH/COMMUNICATION</b>			
<b>English Composition</b>			
Two-semester sequence of English Composition	6	WRTG 1310	Introduction to College Writing
		WRTG 1320	Academic Writing & Research
<b>Speech Communication</b>			
Fundamentals of Speech or Speech Communication	3	COMM 1300	Principles of Communication
<b>MATHEMATICS</b>			
College Algebra (or higher level Mathematics)	3	MATH 1390	College Algebra
Applied Statistics	3	MATH 2311	Elementary Statistics
		PSYC 2330	Psychological Statistics
<b>SCIENCE* **</b>			
<b>Biology</b>			
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)
<b>Microbiology</b>			
Microbiology with laboratory	4	BIOL 2411	Microbiology in Human Affairs (w/ laboratory)
<b>Chemistry</b>			
Chemistry with laboratory	4	CHEM 1450	College Chemistry I (w/ laboratory)
		CHEM 1402	General Chemistry for Health Sciences (w/ laboratory)
<b>FINE ARTS/HUMANITIES</b>			
<b>Fine Arts</b>			
	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
<b>SOCIAL SCIENCES</b>			
<b>History</b>			
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
<b>Sociology</b>			
Introduction to Sociology	3	SOC 1300	Principles of Sociology
<b>Psychology</b>			
General Psychology	3	PSYC 1300	General Psychology
<b>ADDITIONAL REQUIREMENTS</b>			
Medical Terminology****	1	H SC 3123	Medical Terminology
Electives	11		
<b>TOTAL</b>	<b>58</b>		

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

\*\*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.

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).