

## SCHOOL OF NURSING AND ALLIED HEALTH SCIENCES ALLIED HEALTH SCIENCES (Overview)

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### SCHOOL GOALS

The primary goals of the School of Nursing and Allied Health Sciences at Southwestern Oklahoma State University are to:

1. Provide college-based curriculum integrated with hands-on experience at health care institutions.
2. Provide students with the necessary knowledge to function at an acceptable level in a health care service organization.
3. Provide programs that develop entry level competencies as prescribed by national accrediting agencies.
4. Prepare students to pass professional licensure and certification exams.
5. Provide pre-professional students guidance and counseling for selected professional programs.

B.S. Health Care Administration (Code 550)  
Marcy Pye – Advisor

B.S. Health Information Management (Code 551)  
Dana Lloyd – Director/Advisor  
Marcy Pye – Assistant Director/Advisor

B.S. Public Health (Code 557)  
Dr. Anne Pate -- Advisor

**Minors:** Health Care Administration Minor (Code 550)  
Health Data Analytics Minor (Code 551)  
Health Sciences Minor for Sports Med (Code 552)  
Health Sciences Minor (Code 553)  
Emergency Medicine Services Minor (Code 554)

**Masters:** M.S. Healthcare Informatics & Information Management (Code 848)  
Dana Lloyd, Advisor

### PROGRAMS OF STUDY

**Majors:** B.A.S. in Health Science (Code 555)  
Dr. Sharon Lawrence - Advisor

B.S. Health Sciences (Code 553)  
Professional Programs (Consult advisor in one of the following areas concerning requirements and application information.)

Pre-Chiropractic	Pre-Optometry
Pre-Dentistry	Pre-Osteopathic Med
Pre-Medicine	Pre-Physical Therapy
Pre-Occupational Therapy	Pre-Physician Assistant

Dr. Anne Pate - Advisor

Pre-Communication Sciences  
Pre-Dental Hygiene  
Pre-Radiation Sciences  
Pre-Nutritional Sciences  
Dr. Sharon Lawrence - Advisor

Pre-Radiography  
Dr. Sharon Lawrence – Advisor  
Jess Parker – Advisor  
Sheana Thompson - Advisor

### MASTER OF SCIENCE HEALTHCARE INFORMATICS & INFORMATION MANAGEMENT (Code 848)

Dana Lloyd – Program Director/Advisor  
Program goals and objectives are: prepare students to develop the skills needed by practicing professionals in the Health Information Management field and provide assurance that graduates of the program demonstrate the master-level competencies published by CAHIIM. Assessment measures are: Curriculum-embedded assessment; maintain a minimum GPA of 3.0; Completion of thesis or Professional Project; Department alumni and student satisfaction surveys. Any students with an undergraduate degree may choose this Master's degree option.

### **HEALTH CARE ADMINISTRATION (Code 550)**

Marcy Pye - Advisor

Health Care Administration students are trained to function as managers or administrators in health care facilities, rehabilitation clinics, group practice facilities, welfare agencies, and health departments, as well as educational and research programs. The major involves a combination of basic life sciences, healthcare operations, and business management. Students should have good interpersonal relation skills, interest in management and business, and a desire to work with health professionals in the health care system. Due to similar requirements for the health information management and business administration-management degrees, it is possible for the health care administration student to obtain a double major with the addition of 6-12 courses. **NOTE:** This does not constitute a double degree. Students who desire a double degree would need an additional minor.

### **HEALTH INFORMATION MANAGEMENT (Code 551)**

Dana Lloyd – Program Director/Advisor  
Marcy Pye - Advisor

The Health Information Management program is an online integrated 2 + 2 program involving two years of pre-professional curriculum and two years of professional courses. All professional program courses as well as courses for the required minor in Health Care Administration are online. Many pre-professional and GE courses are also available in an online format. Students are trained in the practice of acquiring, analyzing, and protecting digital and traditional medical information vital to providing quality patient care. Students are trained in health information science, data analytics, management, medical science, computerization applications and systems design, as well as specific procedures such as medical coding. HIM professionals are highly trained in the latest information management technology applications and understand the workflow in any healthcare provider organization from large hospital systems to the private physician practice. The goal of this program is to provide a quality program in HIM supported by a comprehensive curriculum based on continuous assessment, modification and reanalysis. The program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

### **HEALTH SCIENCES MAJOR (Code 553)**

Dr. Anne Pate – Advisor  
Dr. Sharon Lawrence - Advisor

The Health Science major is a baccalaureate degree option for individuals needing pre-professional hours or a pre-professional degree to further their education in a professional health program at a comprehensive university, medical school or another campus such as:

Audiology	Occupational Therapy
Chiropractor	Optometry
College of Dentistry	Physical Therapy
Dental Hygiene	Physician Associate
Medical School	Radiation Sciences
Nutritional Sciences	

Students who are interested in pre-professional programs in healthcare are not limited to the aforementioned areas, but can include any area in healthcare. Individuals who decide not to further their education at the graduate level will find the Bachelor of Science in Health Science degree applicable for seeking entry-level employment in a wide variety of health care settings.

### **BACHELOR OF APPLIED SCIENCE IN HEALTH SCIENCE (Code 555)**

Dr. Sharon Lawrence - Advisor

The Bachelor of Applied Science in Health Science is offered as a completion program that allows students with an Associate of Applied Science in a healthcare field to complete a degree related to their healthcare goals. Transfer credit can be given for general education courses and up to 30 hours of professional courses taken in the chosen AAS curriculum from an accredited school. Southwestern Oklahoma State University is currently offering the first degree of this kind in Oklahoma. Students will be able to complete the majority of required health science coursework online in order to encourage degree completion while serving as a member of the healthcare workforce.

### **PUBLIC HEALTH (Code 557)**

Dr. Anne Pate – Program Director/Advisor

The Public Health major is a 4-year baccalaureate degree option for individuals who are seeking to pursue further education in a clinical or public health degree. It also offers the option for individuals to seek a career in public health upon graduation. The goals of this program are threefold: to develop alumni who will have the knowledge and skills to benefit, promote, and protect the health of their communities; to offer an academic program that will provide students the opportunity to graduate with the knowledge and skills which would allow them to enter the workforce upon graduation as a public health professional; and to offer an academic program that students may use as a pre-professional track to pursue further graduate education in the public health or healthcare field.

### **ASSOCIATE DEGREES IN APPLIED SCIENCE**

SWOSU offers the following Associate Degrees in Applied Science. All technical level training for these programs requires admission to the program based on the student's application and performance evaluation.

#### **Occupational Therapy Assistant (OTA)**

Dr. Sharon Lawrence – OTA/PTA Program Coordinator/Advisor  
Malissia Guthrie – Program Director/Advisor  
Brandy Chase - Advisor

Prerequisite courses are taken at the SWOSU Weatherford and/or Sayre campus. A grade of "C" or better must be attained in all prerequisite coursework in order to be eligible to apply. Course transfer from other educational institutions will be considered upon program application. Specialty courses are taken at CKTC. The program is accredited by the American Occupational Therapy Association.

#### **Physical Therapist Assistant (PTA)**

Dr. Sharon Lawrence – OTA/PTA Program Coordinator/Advisor  
Jy Bass – Program Director/Advisor  
Brandy Chase - Advisor

Prerequisite courses are taken at the SWOSU Weatherford and/or Sayre campus. A grade of "C" or better must be attained in all prerequisite coursework in order to be eligible to apply. Course transfer from other educational institutions will be considered upon program application. Specialty courses are taken at CKTC or the SWOSU Weatherford campus. The program is accredited by the Commission on Accreditation in Physical Therapy Education.

**Medical Laboratory Technician (MLT) – Sayre Campus**

Roxanne Clifton, Program Director/Advisor

Following completion of the MLT program, the student is eligible to sit for the American Medical Technologists' (AMT) MLT and/or the American Society for Clinical Pathology (ASCP) MLT certification exams. The clinical laboratory science training program is accredited by the Accrediting Bureau of Health Education Schools. The degree plan is listed in the College of Associate and Applied Programs section.

**Radiologic Technology (X-ray) – Sayre Campus**

Jess Parker, Program Director/Advisor

Sheana Thompson – Advisor

Dr. Sharon Lawrence - Advisor

Acceptance into the program is based upon ACT/SAT scores, grade-point averages, interviews, transcripts and other evidence of potential for success in the program. Students must complete the course of study with a 2.0 GPA. The radiologic technology program at Southwestern Oklahoma State University at Sayre is accredited by the national accrediting agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT). The degree plan is listed in the College of Associate and Applied Programs section.

## ASSOCIATE IN APPLIED SCIENCE DEGREE OCCUPATIONAL THERAPY ASSISTANT (Code W96)

The prerequisite general education and technical occupational support courses must be completed prior to admission with a grade of "C" or better. The Caddo-Kiowa Technology Center (CKTC), Ft. Cobb, Oklahoma conducts the occupational specialty courses. Admission to the OTA program at CKTC is competitive and requires completion of the application packet prior to established deadlines. The application packet is obtained from the CKTC website and returned to the Allied Health Sciences office at SWOSU-Weatherford. Admission to the OTA program will be based on university GPA, references, personal interviews and other evidence of potential success in the field of O.T. Candidates selected for the OTA program must complete all admission requirements to Southwestern Oklahoma State University prior to initiating the program. Goals of this program: (1) to prepare students to function as OTA's through academically preparing them to be successful on the National Board Exam; (2) to shape a receptive educational environment, in both academic and clinical settings, which integrates classroom knowledge and skill acquisition. The OTA program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE). Graduates of the program will be eligible to take the national certification examination given by the National Board for Certification in Occupational Therapy. After successful completion of this exam, the OTA student will be a Certified Occupational Therapy Assistant (COTA) and may apply for state licensure through the State Board of Medical Licensure and Supervision.

<b>Technical Occupational Related Courses</b> .....	<b>6</b>
OTA 2203 Fieldwork IIA	
OTA 2213 Fieldwork IIB	
<b>TOTAL HOURS</b> .....	<b>72</b>

**Admission to SWOSU or Caddo-Kiowa Technology Center does not guarantee admission to the Occupational Therapy Assistant Program.**

**Written Communication** ..... 6

- ENGL 1113 English Composition I
- ENGL 1213 English Composition II

**Mathematics**..... 3

*Select one course.*

- MATH 1143 Mathematical Concepts
- MATH 1153 Mathematical Applications
- MATH 1513 College Algebra  
or a higher numbered math course

**Human, Cultural, & Social Diversity** ..... 3

- PSYCH 1003 General Psychology

**U. S. History** ..... 3

*Select one course.*

- HIST 1043 U.S. History to 1877
- HIST 1053 U.S. History since 1877

**American Government**..... 3

- POLSC 1103 American Government & Politics

**Science** ..... 12

- BIOL 1004 Biological Concepts
- BIOL 2104 Human Anatomy
- BIOL 2304 Human Physiology

**Technical Occupational Support Courses** ..... 6

- PSYCH 2313 Developmental Psychology
- ALHLT 2443 Medical Terminology

**Technical Occupational Specialty Courses** ..... 30

- OTA 1013 Introduction to Occupational Therapy
- OTA 1023 Kinesiology for OTA
- OTA 1102 Therapeutic Media
- OTA 2002 Health Care & Occup. Therapy Mgmt
- OTA 2022 Fieldwork IA
- OTA 2102 Therapeutic Activities
- OTA 2113 Phys Dysfunction/Treatment Techniques
- OTA 2122 Fieldwork IB
- OTA 2133 Pediatric Care in Occupational Therapy
- OTA 2143 Elder Care in Occupational Therapy
- OTA 2153 Psychosocial Dysf/Treatment Techniques
- OTA 2212 Disease Pathology

## ASSOCIATE IN APPLIED SCIENCE DEGREE PHYSICAL THERAPIST ASSISTANT (Code W95)

This degree is awarded through Southwestern Oklahoma State University (SWOSU). The prerequisite general education courses and technical occupational support courses must be completed prior to admission with a grade of "C" or better. The general education and technical occupational "support" courses may be taken at SWOSU Sayre and/or Weatherford. The technical occupational "specialty" courses will be conducted by the Caddo-Kiowa Technology Center (CKTC), Fort Cobb, OK, on either the CKTC campus or the SWOSU-Weatherford campus. Admission to the PTA program is competitive and requires completion of the application packet prior to established deadlines. The application packet is obtained from the CKTC or SWOSU websites and returned to the Allied Health Sciences office at SWOSU-Weatherford. Admission to the PTA program will be based on university or college grade point averages, references, observations, and personal interviews of the top applicants. Candidates selected for the PTA program must complete all admission requirements to Southwestern Oklahoma State University prior to initiating the program. Goals of this program: (1) to prepare students to function as PTA's through academically preparing them to be successful on the National Board Exam; (2) to shape a receptive educational environment, in both academic and clinical settings, which integrates classroom knowledge and skill acquisition. The PTA program is accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE). After completing the PTA program, graduates will be eligible to take the PTA National Licensure Exam. After successful completion of this exam, the PTA graduate may apply for state licensure through the State Board of Medical Licensure and Supervision.

**NOTE: After completing the requirements for the degree, graduates will be eligible to take the national licensure examination for Physical Therapist Assistants.**

**Admission to SWOSU or Caddo-Kiowa Technology Center does not guarantee admission to the Physical Therapist Assistant Program.**

**\*See program coordinator or director for appropriate guided electives.**

<b>Written Communication.....</b>	<b>6</b>
ENGL    1113    English Composition I	
ENGL    1213    English Composition II	
<b>Mathematics.....</b>	<b>3</b>
<i>Select one course.</i>	
MATH    1143    Mathematical Concepts	
MATH    1153    Mathematical Applications	
MATH    1513    College Algebra	
	or a higher numbered math course
<b>Human, Cultural, &amp; Social Diversity .....</b>	<b>3</b>
PSYCH    1003    General Psychology	
<b>Natural Sciences.....</b>	<b>12</b>
BIOL    1004    Biological Concepts w/lab	
BIOL    2104    Human Anatomy	
BIOL    2304    Human Physiology	
<b>U. S. History.....</b>	<b>3</b>
<i>Select one course.</i>	
HIST    1043    U.S. History to 1877	
HIST    1053    U.S. History since 1877	
<b>American Government.....</b>	<b>3</b>
POLSC    1103    American Government & Politics	
<b>Technical Occupational Support Courses.....</b>	<b>7</b>
KINES    2212    First Aid & CPR	
ALHLT    2443    Medical Terminology	
XXXX    XXX2    Two Hour Elective course*	
<b>Technical Occupational Specialty Courses.....</b>	<b>29</b>
PTA    1012    Introduction to Physical Therapy	
PTA    1023    Basic Human Needs	
PTA    1113    Threats to Basic Human Needs	
PTA    1213    Pain Management I	
PTA    1224    Therapeutic Exercise I	
PTA    2013    Pain Management II	
PTA    2024    Therapeutic Exercise II	
PTA    2032    Practicum I	
PTA    2112    PTA Systems/Problems	
PTA    2133    Practicum II	
<b>TOTAL HOURS.....</b>	<b>66</b>