General Information

An internationally prominent faculty, state-of-the-art facilities and new technology combine to make the University of Oklahoma Health Sciences Center a leader in education, research and patient care.

As one of only four comprehensive academic health centers in the nation with seven professional schools, the OU Health Sciences Center serves more than 3,000 students on the Oklahoma City and Tulsa campuses as well as locations throughout the state. The OU Health Sciences Center serves as the state’s training facility for physicians, biomedical scientists, nurses, dentists, pharmacists, and a wide range of allied health and public health professionals. The center is composed of the College of Allied Health, College of Dentistry, College of Medicine, College of Nursing, College of Pharmacy, College of Public Health and Graduate College.

Located one mile south of the State Capitol, the OU Health Sciences Center is the cornerstone of the 275-acre Oklahoma Health Center, a complex of 19 public and private health care institutions. Students and residents receive clinical training at on-site institutions, including University Hospital, Children’s Hospital of Oklahoma, Presbyterian Hospital, Dean A. McGee Eye Institute, Veterans Affairs Medical Center, Oklahoma State Department of Health, Oklahoma Medical Research Foundation and other affiliated hospitals and clinics in Oklahoma City and throughout the state.
College of Allied Health

Academic Standards

To maintain “good standing” and to be eligible for graduation in the College of Allied Health, an undergraduate student must meet the following minimum standards of performance:

- A minimum grade of C or S in each program course.
- A grade point average of 2.50 or higher each semester.
- A cumulative grade point average of 2.50 or higher while enrolled in an academic program in the College.
- A grade point average of 2.50 or higher in all required courses in the academic program in which the student is enrolled.
- Professional performance and behavior.
- Satisfactory progress, as determined by the Academic Progress Committee and the Dean.

The College of Allied Health graduate academic standards are consistent with the academic standards of the University of Oklahoma Graduate College, which are printed in the Graduate College Bulletins and are available online at http://www.ouhsc.edu/graduate/bulletinindex.htm. Students receive and may solicit counsel from their departmental faculty or program director throughout the semester on their academic progress. The judgment of satisfactory academic progress of each student is vested in the faculty of the department.

To monitor academic progress, each department has an Academic Progress Committee (APC) consisting of teaching faculty of the department. The APC will meet at least once to review the progress of each student. The APC may meet at any time during the semester.

The APC analyzes each student’s overall academic, clinical, and professional performance and makes recommendations in writing to the dean regarding each student’s academic progress. The APC may recommend that the Dean

commend, promote, retain, place on or continue probation, suspend, dismiss or expel a student.

Recommendations may also include, but are not limited to:

1. Individualizing course sequence and selection.
2. Modifying standard timing and sequence of coursework.
3. Repeating courses.
4. Adding courses to strengthen basic competencies.
5. Assigning specialized academic and/or clinical projects.
6. Recommendation for probation, suspension, dismissal or expulsion.

For gifted students making exceptional progress, the APC may recommend modifications to allow for higher level work and advanced studies.

Students will receive ongoing advice and counsel from their departmental faculty or program director throughout the semester in regards to academic and professional progress. In those situations where semester grades result in a change from required progress, students are informed of the recommendations of the Academic Progress Committee by letter from the Dean.

Graduation

Degrees are formally conferred at spring commencement exercises. However, degrees are awarded in absentia and diplomas are mailed to graduates at the end of the spring, fall and summer terms. The degree and date of the diploma are entered on the student’s permanent academic record. When a student completes all requirements for a degree other than at the close of a semester or summer session, the Office of Admissions and Records, upon request, will issue a certified statement that the student is eligible for the degree as of the date when the requirements for the degree were completed.

Official Transcripts

Official transcripts are released by the Office of Admissions and Records upon the written request of the student. To request a transcript, contact the Office of Admissions and Records, 306A Student Union, 1106 N. Stonewall, Oklahoma City, OK, 73117; (http://www.admissions.ouhsc.edu/Transcript_Request.htm).
Undergraduate and Professional Graduate Programs

Audiology (Au.D.)

Audiology is the discipline involved in the prevention, identification, and evaluation of hearing and hearing disorders, the selection and evaluation of hearing aids and the habilitation/rehabilitation of individuals with hearing impairments. Audiologic services are provided to individuals across the entire age span from birth to adulthood; to individuals from diverse language, ethnic, cultural, and socioeconomic backgrounds; and to individuals who have multiple disabilities. Audiologists hold either a master’s degree or doctoral degree, the Certificate of Clinical Competence (CCC) of the American Speech-Language Hearing Association (ASHA), and where applicable, state licensure. The program offers a Doctor of Audiology (Au.D.) degree.

BASIC ADMISSION REQUIREMENTS

To be considered for admission, an applicant must:
1. Complete a bachelor’s degree or higher from an accredited college or university;
2. Have a minimum 3.0 cumulative GPA on the last 60 hours of undergraduate coursework applied to the degree;
3. Submit Graduate Record Examination (GRE) General Test scores prior to the application deadline;
4. Complete an on-site interview;
5. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
6. Submit a completed application by February 1. The application and other requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

For additional information:
Department of Communication Sciences and Disorders
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-4214
Fax: (405) 271-3360
e-mail: alliedhealth-info@ouhsc.edu
Internet: http://www.ouhsc.edu/ahealth

Communication Sciences and Disorders (B.S.)

Communication Sciences and Disorders professionals specialize in the evaluation, remediation and research of speech, language, fluency, voice, and hearing impairments in children and adults of all ages. At the undergraduate level, the discipline emphasizes coursework in the normal communication process and the development of an understanding of communication disorders. Advanced levels of education are directed toward learning communication assessment and treatment techniques for a wide variety of disorders, including aphasia, childhood speech disorders, voice loss following laryngectomy, cerebral palsy, cleft palate, language-learning disabilities and hearing loss. Additionally, opportunities exist for student-faculty research at both the undergraduate level and the graduate level. This program offers a Bachelor of Science degree.

BASIC ADMISSION REQUIREMENTS

Admission to the program requires completion of a minimum of 60 semester hours from an accredited college and/or university and submission of all application materials. The Department Admissions Committee will review application materials and may require additional information from each applicant, such as a personal interview and/or testing scores. Applicants are considered for each fall semester. To be considered for admission to the communication sciences and disorders program an applicant must:
1. Have successfully completed, or be in the process of completing a minimum of sixty (60) semester hours of prerequisite coursework from an accredited college or university;
2. Be in good standing with the college or university last or currently attending;
3. Have a minimum grade point average of 2.75 on a 4.0 scale on all college work attempted;
4. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
5. Submit a completed application by March 1. The application and other requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.

Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereq/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma.

Sixty (60) semester hours must be completed for entrance to the program. Summer school hours, including electives, will be accepted if completed prior to the fall semester of the year a student plans to enter the program.

Symbolic and Oral Communication

ENGL 1113, Principles of English Composition I
ENGL 1213, Principles of English Composition II
MATH 1523, Elementary Functions
AVIA 1003, Introduction to Computer Concepts and Applications 1

Natural Sciences

PHYS 1114, General Physics
ZOO 1114, Introductory Zoology
ZOO 1121, Introductory Zoology Lab

Social Sciences

PSC 1113, American Federal Government 1
PSY 1113, Elements of Psychology

Humanities

HIST 1483, US History 1492-1865 2, or
HIST 1493 US History 1865 - Present 2

General Education

Understanding Artistic Forms (three hours) 3
Western Civilization & Culture (three hours) 3
Non-western Cultures (three hours) 1
Upper-Division (3000-4000) General Education Approved Course 2
Foreign Language - High School (two years) or College (two courses) must be same language. 2

Electives

Electives make up the balance of hours needed to graduate.

1 General Education courses required for students beginning their college education fall 1990 or later. An upper-division (3000-4000 level) general education course must be completed before enrollment in the professional program. Courses taken for humanities, western civilization or non-western civilization, or to satisfy other elective hour may (if 3000 or 4000 level) also qualify for the upper-division general education course.

2 waived for applicants with an associate degree from an accredited Oklahoma college or university and for applicants with a bachelor's degree.

3 Not required for student beginning college prior to summer 1998. May substitute one year in high school (excluding keyboarding) or by passing an institution assessment test.

Accreditation

This program is accredited by the North Central Association of Colleges and Secondary Schools, National Council for Accreditation of Teacher Education and the Council on Academic Accreditation of the American Speech-Language-Hearing Association.
For additional information:
Department of Communication Sciences and Disorders
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-4214
Fax: (405) 271-3360
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Dietetics (M.A.)

The Department of Nutritional Sciences offers a professional graduate program designed to provide advance education to students who seek to become a Registered Dietitian (RD). The Master of Arts in Dietetics is a non-thesis program that requires a total of 36 hours of coursework.

ACADEMIC PROGRAM

Training to become a RD includes specific classroom courses as well as work experience (called a dietetic internship). Students must complete the M.A. program coursework before starting a dietetic internship (DI). The DI is a separate program that requires an additional admission. Students who are admitted into the M.A. program are given preference for admission into the OUHSC Dietetic Internship. Following completion of the DI, the last step in becoming a RD is passage of the Registry Examination for Dietitians.

BASIC ADMISSION REQUIREMENTS

To be considered for admission, an applicant must:
1. Have successfully completed, or be in the process of completing a bachelor's degree or higher from an accredited college or university;
2. Be in good standing with the college or university last or currently attending.
3. Have a minimum grade point average of 2.5 on a 4.0 scale of all college work and science courses attempted, and completed all departmental prerequisite courses with grades of C or better prior to projected admission date; Early admission is available; contact the department at (405) 271-2113.
4. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and
5. Submit a completed application by March 1. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.
Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereqs/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma.

For additional information:
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College of Allied Health
P.O. Box 26901
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Phone: (405) 271-2113
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Dietetics (M.A.)

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BASIC ADMISSION REQUIREMENTS

To be considered for admission, an applicant must:
1. Have successfully completed, or be in the process of completing a bachelor's degree or higher from an accredited college or university;
2. Be in good standing with the college or university last or currently attending.
3. Have a minimum grade point average of 2.5 on a 4.0 scale of all college work and science courses attempted, and completed all departmental prerequisite courses with grades of C or better prior to projected admission date; Early admission is available; contact the department at (405) 271-2113.
4. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and
5. Submit a completed application by March 1. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.
Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereqs/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma.

For additional information:
Department of Nutritional Sciences
College of Allied Health
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Oklahoma City, OK 73126-0901
Phone: (405) 271-2113
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Nutritional Sciences (B.S.)

The Department of Nutritional Sciences offers a four-year Bachelor of Science degree in Nutritional Sciences. Students apply to the professional phase of the program (at the Health Sciences Center) after first completing freshman and sophomore years (or 60 hours) of general education, inclusive of the prerequisites described in this document. Upon completion of the Clinical Dietetics Coordinated Program, the graduate will be prepared to function as an entry-level clinical dietitian.

ACADEMIC PROGRAM

The Department of Nutritional Sciences offers a coordinated program in clinical dietetics for undergraduate students interested in a career involving nutrition and health. Clinical dietetics is a profession dedicated to improving quality of life by helping people recover from illness and preventing health problems through medical nutrition therapy and nutrition counseling.

The coordinated program in clinical dietetics is an education program accredited by the American Dietetic Association that provides both the academic and practice experiences required for registration. Upon completion of the program, a verification statement is provided to the Commission on Accreditation/Approval for Dietetics Education of the American Dietetic Association to indicate that the student has completed the necessary requirements of the program and is eligible to take the Registry Examination for Dietitians. This is the option offered by the Department of Nutritional Sciences at the University of Oklahoma Health Sciences Center at the baccalaureate level.

BASIC ADMISSION REQUIREMENTS

Admission to the program requires completion of prerequisite coursework and submission of all application materials. To be considered for admission to the Clinical Dietetics Coordinated Program, an applicant must:
1. Have successfully completed, or be in the process of completing a minimum of 60 semester hours of prerequisite coursework from any accredited college or university prior to matriculation to the program.
2. Be in good standing with the college or university last or currently attending.
3. Have a minimum grade point average of 2.5 on a 4.0 scale of all college work and science courses attempted, and completed all departmental prerequisite courses with grades of C or better prior to projected admission date. Early admission is available; contact the department at (405) 271-2113.
4. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and
5. Submit a completed application by March 1. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.
Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereqs/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma.

Sixty (60) semester hours must be completed for entrance to the program. Summer school hours, including electives, will be accepted if completed prior to the fall semester of the year a student plans to enter the program.

Symbolic and Oral Communication

ENGL 1113, Principles of English Composition
ENGL 1123, Principles of English Composition
MATH 1523, Elementary Functions (or college algebra, or acceptable substitution)

Foreign Language: * two years in high school or two college-level courses in the same language

Natural Sciences

CHEM 1315, General Chemistry
CHEM 1415, General Chemistry (continued)
HES 2823, Introductory Nutrition
MBIO 2815, Introduction to Microbiology with lab
ZOO 2124, Human Physiology

Social Sciences

PSC 1113, American Federal Government
PSY 1113, Elements of Psychology
SOC 1113, Introduction to Sociology, or
ANTH 1113, General Anthropology

Humanities

HIST 1483, U.S. History 1492-1865, or

College of Allied Health
Occupational Therapy (M.O.T.)

Occupational therapy is a vital health-care profession that contributes to the ability of individuals to perform their life roles, such as parent, student, or worker, in the occupations of work, personal care, and leisure. Practitioners of occupational therapy advance the person’s well-being by promoting adaptation and independence through meaningful activities of everyday living to enhance and restore health. By preventing, reducing, or overcoming physical, social, and emotional impairments in people, and helping with development of abilities that will enable them to cope with changes resulting from the aging process. The unique feature that separates its knowledge from other professions is the study and management of the therapeutic occupations and the meaningful activities in which humans engage. In short, occupational therapy provides skills for the job of living.

ACADEMIC PROGRAM

The Master of Occupational Therapy degree professional program consists of 80 semester hours of sequenced and integrated didactic and clinical courses, including 26 weeks of fieldwork to be completed in no more than five years. All didactic coursework is offered on the University of Oklahoma Health Sciences Center (OUHSC) campus in Oklahoma City and the OUHSC campus in Tulsa. Clinical coursework is completed in sites throughout the country. The course of study is intended for students to achieve competencies for general clinical practice in occupational therapy with an appreciation for research and evidence-based practice. Upon completion of degree requirements, the student is awarded a degree of Master of Occupational Therapy (M.O.T.)

BASIC ADMISSION REQUIREMENTS

Admission to the program requires completion of prerequisite coursework and submission of all application materials. The Department Admissions Committee will review application materials and may request additional information such as an interview and/or testing. To be considered for admission, an applicant must:

1. Have successfully completed a baccalaureate degree from an accredited college or university, or complete requirements to be eligible to earn the B.S. in Health Studies degree offered by the College after completion of 30 hours in the program. To be eligible for the B.S. in Health Studies degree applicants must include at least 10 hours of upper-division coursework as part of their prerequisite courses;
2. Have successfully completed, or be in the process of completing, prerequisite coursework (90 credit hours - no more than 60 credit hours from a two-year college) will count toward the required 90) from any accredited college or university, prior to starting the program;
3. Be in good standing with the college or university last or currently attending;
4. Have a minimum grade point average of 2.75 on a 4.0 scale for all college work and natural sciences courses attempted;
5. Completed all departmental prerequisite courses with grades of C or better prior to projected admission date. Early admission is available; contact the program for information, (405) 271-2131;
6. Forty hours of observation in an occupational therapy setting;
7. Submit Graduate Record Exam (GRE) General Test score prior to the application deadline;
8. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and
9. Submit a completed application by February 1. The application and other course requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.

Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereqs/) or a school advisor regarding equivalent courses not taken at the University of Oklahoma.

Symbolic and Oral Communication

AVIA 1003, Introduction to Computer Concepts and Applications
CL C 2412, Medical Vocabulary
ENGL 1113, Principles of English Composition
ENGL 1123, Principles of English Composition
Foreign Language:* two years in high school or two college-level courses in the same language
MATH 1523, Elementary Functions* (or college algebra, or acceptable substitution)

Natural Sciences

PHYS 2414, General Physics for Life Sciences
ZOO 1114, Introductory Zoology
ZOO 1121, Introductory Zoology Lab
ZOO 2124, Human Physiology
ZOO 2255, Human Anatomy
Science Electives (three courses)

Social Sciences

PSY 1113 Elements of Psychology
PSY 2003 Understanding Statistics
PSY 2403 Intro to Personality
PSY 2603 Developmental Psychology

General Education

HIST 1483, U.S. History*, 1492-1865, or
HIST 1493, U.S. History*, 1865-Present
PS 1113, American Federal Government* or
Understanding Artistic Forms*(three hours)
Western Civilization & Culture**(three hours)
Non-Western Cultures* (three hours)
Upper-Division General Education approved course** (three hours)
Electives
Electives make up the balance of hours needed to equal 90 semester hours if a student plans on applying under the Bachelor of Science in Health Studies degree completion option; courses in natural sciences, social sciences and humanities are preferred.
§ Not required for student beginning college prior to summer 1998. May substitute one year in high school (excluding keyboarding) or by passing an institution assessment test.
* Waived for applicants with an associate degree from an accredited Oklahoma college or university and for applicants with a bachelor's degree.
** Waived for applicants with a bachelor's degree

ACCREDITATION
The Occupational Therapy program is accredited by Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, PO Box31220, Bethesda, MD 20824-1220. AOTA's phone number is 301-652 AOTA. The Web site is www.aota.org. Graduates are eligible to take the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this examination, the individual will be an Occupational Therapist, Registered (OTR). Most states require licensure to practice, and state licenses are usually based on the results of the NBCOT Certification Examination.
A felony conviction may not only affect a student’s ability to attend certain clinical sites for clinical education and fieldwork, it may also affect a graduate’s ability to sit for the certification examination or obtain state licensure.

For additional information:
Department of Rehabilitation Sciences
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-2131
E-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main

Physical Therapy (D.P.T.)

Physical therapy is a dynamic health profession dedicated to the promotion of optimal health, prevention of disability, and the restoration and maintenance of physical activities that contribute to a successful life. Physical therapy services are provided in a variety of settings including homes, schools, one’s workplace, outpatient clinics, and hospitals.
Physical therapists provide direct patient service, consultation, education, and are often engaged in research. They also serve in administrative capacities including supervising and delegating responsibilities to members of the physical therapy service. They work in primary, secondary, and tertiary health care settings. Physical therapists enter practice as generalists and may later become board-certified specialists. Physical therapists work closely with members of a patient’s team. Physical therapists are also engaged in the development of new approaches of intervention that will more effectively meet existing and emerging health needs in society, including health promotion and disability prevention programs.

ACADEMIC PROGRAM
The professional program consists of 108 semester hours of sequenced and integrated didactic and clinical courses. All didactic coursework is offered by the University of Oklahoma Health Sciences Center (OUHSC) in Oklahoma City and Tulsa. This program begins in the summer of every year with didactic and clinical coursework. Graduates of the program receive a Doctor of Physical Therapy (D.P.T.) degree and are eligible to sit for the national licensure examination upon meeting state licensure requirements.

BASIC ADMISSION REQUIREMENTS
Admission to the program requires completion of prerequisite coursework and submission of all application materials. The Department Admissions Committee will review application materials and may request additional information such as an interview and/or testing. To be considered for admission, an applicant must:

1. Earn a bachelor’s degree from an accredited college or university prior to enrollment in the program;
2. At a minimum, earn both a 2.75 cumulative grade point average and a 2.75 science grade point average on a 4.0 scale;
3. Complete at least six of the eight departmental prerequisite courses with grades of C or better by the application deadline date; complete the remaining two departmental prerequisite courses with a grade of C or higher prior to enrollment in the program;
4. Document 40 hours of physical therapy observation; due with the online application;
5. Submit Graduate Record Exam (GRE) General Test (verbal reasoning, quantitative reasoning, and analytical writing) results by the application deadline date;
6. If English is a second language, submit Test of English as a Foreign Language (TOEFL) scores. Applicants must earn a minimum score of 600 (paper-based), 250 (computer-based), or 100 (internet-based) within two years prior to application. The TOEFL website is http://www.toefl.org/;
7. If previous coursework was from colleges or universities outside of the U.S., have all transcripts/mark sheets processed through World Education Services (WES). The WES website is http://www.wes.org/; and
8. Submit a completed online application including the sections titled “Application for Admission and Allied Health Supplemental.” The application deadline is February 1.

Prerequisite Course Requirements
Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.
Prerequisite courses are offered at several colleges or universities in the state. Check with the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereq/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma.

Natural Sciences
CHEM 1315, General Chemistry (with laboratory)
PHYS 2414, General Physics for Life Sciences
PHYS 2424, General Physics for Life Sciences
ZOO 1114, Introductory Zoology*
ZOO 2124, Human Physiology
ZOO 2234, Introduction to Human Anatomy, or
ZOO 2255, Human Anatomy

Social Sciences
PSY 2003 Understanding Statistics
PSY 2603 Developmental Psychology
* Concepts in Botany is not an acceptable substitute. Students may substitute BOT/MBio/ZOO 1005, Concepts in Biology.

ACCREDITATION
The Physical Therapy program is accredited by the American Physical Therapy Association located at 1111 North Fairfax, Fairfax, VA 22314. APTA’s phone number is 800-999-2782. The Web site is www.apta.org. Graduates are eligible to take the national certification examination for the physical therapist administered by the National Board for Certification in Physical Therapy (NBCPT). After successful completion of this examination, the individual will be an Registered Physical Therapist (PT). Most states require licensure to practice, and state licenses are usually based on the results of the National Physical Therapy Examination (NPTE). A felony conviction may not only affect a student’s ability to attend certain clinical sites for clinical education, it may also affect a graduate’s ability to sit for the national licensure examination or obtain state licensure.

For additional information:
Department of Rehabilitation Sciences
College of Allied Health
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Phone: (405) 271-2131
E-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main
Medical Imaging and Radiation Sciences (B.S.)

The Department of Medical Imaging and Radiation Sciences offers a four-year baccalaureate degree in Medical Imaging and Radiation Sciences with programs in the areas of Radiography, Nuclear Medicine, Radiation Therapy and Sonography. Students apply to the professional phase of the program, which is offered at the University of Oklahoma Health Sciences Center in Oklahoma City, after completing 64 hours of general education, inclusive of the prerequisite courses identified below. (Sonography and Radiography also offer courses on the Tulsa Campus).

Each of the four professional programs, which begin in the fall of every year, consist of 68 semester hours of sequenced and integrated didactic and clinical courses. Students complete clinical assignments in selected hospital and clinic facilities, located throughout the Oklahoma City metropolitan area. Program faculty determine student assignments to clinical rotation sites based upon each student’s abilities and clinical education needs.

The four-year program culminates in the baccalaureate degree in medical imaging and radiation sciences (B.S.M.I.R.S.) in the specific discipline of study. Upon successful completion of the chosen educational program, the student is eligible to apply to the appropriate credentialing agency to sit for the certification examination in their respective profession.

In 1970 the department established a baccalaureate degree program in radiography. Baccalaureate programs in nuclear medicine and radiation therapy were instituted in 1975. In 1978, the fourth program in sonography was approved. The offering of baccalaureate degrees in all four disciplines within one academic department is unique in the country.

None of the four professions are prerequisite to one another or subordinate to any other. Each degree program can be entered directly after completion of prerequisite courses and selection by the Admissions Committee, through a competitive application process.

Nuclear Medicine

Nuclear Medicine is the profession that utilizes radiopharmaceuticals, scintillation cameras, and computers to image and quantify various physiologic processes throughout the body. The nuclear medicine technologist administers radiopharmaceuticals to patients, positions them for images and operates the cameras and computers to produce the images and analyze the data. They have a detailed knowledge of radiation safety procedures and regulations and radiopharmacy. The images and data technologists obtain provide physicians with information on injuries and disease processes affecting organ function. In both the hospital and clinical setting, nuclear medicine technologists perform general and cardiac nuclear procedures on adult and pediatric patients.

Radiation Therapy

Radiation Therapy is the profession in which radiations are directed at diseased tissues in strictly controlled circumstances to cure or palliate the disease. The radiation therapist is in daily contact with the cancer patient, positioning them for treatment, performing mathematical calculations of radiation dosage and operating a variety of equipment that produces ionizing radiation. Therapists may also specialize in the area of treatment planning, which includes design and construction of various treatment devices, manual and computerized dose computations and dose measurement procedures. The radiation therapist has considerable responsibility in the area of patient care and must be knowledgeable regarding the psychology of dealing with terminally ill patients and their families.

Radiography

Radiography is the profession in which diagnostic medical images are made using x-rays and other radiations. The radiographer may work independently or with a physician to create images that include computed tomography (CT), magnetic resonance (MR), mammography, cardiovascular interventional technology (CIT) and others. Radiographers must exercise initiative and judgement in obtaining the images necessary for adequate physician interpretation. As with the other radiation science professions, the patients’ confidence must be obtained while translating a “high tech” process into a humane experience that provides an unparalleled view of life.

Sonography

Sonography is the profession that uses equipment that generates high frequency sound waves to produce images of the human body. Using imaging procedures and personal initiative, the sonographer gathers data for interpretation and evaluation by the physician. This profession includes abdominal sonography, neurosonography, echocardiography, obstetrical and pelvic sonography, and vascular technology. In each of these areas the sonographer must be knowledgeable of expected pathology, applicable instrumentation and results. The OUHSC sonography program is accredited in both general and cardiac sonography and provides opportunity for each student to obtain these sub-specialty areas. Clinical facility resources do not permit assignment of all students to all sub-specialty areas for advanced competencies. Assignment for advanced competencies will be made on the basis of available facilities and each student’s performance in basic coursework.

BASIC ADMISSION REQUIREMENTS

Admission to the program requires completion of prerequisite course work and submission of all application materials. The Department Admissions Committee will review application materials and may request additional information such as an interview and/or testing. To be considered for admission, an applicant must:

1. Have successfully completed, or be in the process of completing a minimum of 64 semester hours of prerequisite coursework, from any accredited college or university, prior to admittance to the program;
2. Be in good standing with the college or university last or currently attending;
3. Have minimum grade point average of 2.50 on a 4.0 scale for all college work attempted. Completed all departmental prerequisite courses with grades of C or better prior to projected admission date;
4. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and
5. Submit a completed application by March 1. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

Prerequisite Course Requirements

Course numbers and titles are those of the University of Oklahoma. The program director, department chairperson, and college dean must approve any exceptions or substitutions.

Prerequisite courses are offered at several colleges and universities in the state. Check with the prerequisite finder on the College of Allied Health Web page (http://www.ah.ouhsc.edu/prereq/) or a school adviser regarding equivalent courses not taken at the University of Oklahoma. The following list of prerequisites apply to the Nuclear Medicine, Radiation Therapy, Radiography, and Sonography programs.

NOTE: Satisfactory completion of all prerequisite courses is required prior to beginning the program.

Symbolic and Oral Communication

| AVIA 1003, Introduction to Computer Concepts and Applications | 6 |
| CL C 2412, Medical Vocabulary | |
| ENGL 1113, Principles of English Composition | |
| ENGL 1213, Principles of English Composition | |

Natural Sciences

| CHEM 1315, General Chemistry |
| MATH 1503, Intro. to Elementary Functions |
| PHYS 2414, General Physics for Life Sciences |
| ZOO 1114, Introductory Zoology |
| ZOO 1121, Introductory Zoology Lab |
| ZOO 2124, Human Physiology |

Social Sciences

| P SC 1113, American Federal Government | 7 |
| PSY 1113, Elements of Psychology |
| SOC 1113, Introduction to Sociology |

Humanities

| HIST 1483, US History 1492-1865 | 5 |
| HIST 1493 US History 1865-Present | |

Humanities Courses (six hours) (applicable to students beginning prior to 1990)
General Education
Upper-division General Education Course (three hours)*
Understanding Artistic Forms* (three hours)†
Western Civilization & Culture* (three hours)†
Non-western Culture* (three hours)†
Foreign Language: * two years in high school or two college-level courses in the same language.†

Electives
Electives make up the balance of hours needed to equal 64 semester hours; natural sciences, social sciences and humanities courses are preferred.
*General Education courses required for students beginning their college education Fall 1990 or later. An upper division (3000-4000) level general education course must be completed before enrollment in the professional program. Courses taken for humanities, western civilization or non-western civilization, or to satisfy other elective hour may if 3000- or 4000-level also qualify for the upper division general education course. For a listing of approved general education courses at the University of Oklahoma refer to the current class schedule or contact an adviser at your respective institution.
†waived for applicants with an associate degree from an accredited Oklahoma college or university and for applicants with a bachelor’s degree.

Courses taken on the pass/fail system will be accepted as elective hours. If any prerequisites are taken on the P/F system, the applicant must request a letter grade from the course instructor.

RT/ASSOCIATE DEGREE ARTICULATION OPTION
This option is designed for applicants with an associate degree from a nationally accredited Junior/Community College program in radiologic technology in Oklahoma. In addition to the associate degree, applicants should be certified (ARRT and/or NMTCB) in the discipline in which the AS degree was earned. Applicants will be considered on the basis of the following minimum requirements and may apply to any of the departmental programs.
CL C 2412, Medical Vocabulary
ENGL 1113, Principles of English Composition (three hours)
ENGL 1213, Principles of English Composition (three hours)
MATH 1503, Intro. to Elementary Functions (three hours)
AVIA 1003, Introduction to Computer Concepts and Applications §
Humanities Courses (six hours)
Upper-division (3000 or 4000) General Education Course (three hours)
Radiologic Technology courses (19 hours)
Electives to equal 64 hours

Applicants in this category use the procedure outlined herein for all other applicants. A minimum grade of C or higher in all professional and science courses related to the AS degree and a letter of recommendation from their former program director is required. In light of the preferred list of prerequisites all courses listed above must be completed prior to enrollment. Those entering under this option with an associate degree from a state other than Oklahoma may also be required to obtain certain other courses. All entering the Nuclear Medicine program who lack basic chemistry will be required to complete a minimum of four hours of general chemistry prior to enrollment.

WEB-BASED PROGRAM
The department also offers a non-clinical post-professional degree completion program for clinicians holding a professional credential in nuclear medicine, radiography, radiation therapy or sonography. The degree offered is a web-based Bachelor of Science in Radiation Sciences.

For additional information:
Department of Medical Imaging and Radiation Sciences
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-6477
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main

Speech-Language Pathology (M.A.)

Speech-Language Pathologists identify, assess, and provide treatment for communication and swallowing functions and their disorders. These services are provided to individuals across the entire age span from birth through adulthood, from diverse language, ethnic, cultural, and socioeconomic backgrounds, and who may have multiple disabilities.

ACADEMIC PROGRAM
The Master of Arts (M.A.) degree in Speech-Language Pathology provides an academic and clinical foundation for professionals providing services to children and adults with communication impairments, and qualifies graduates for certification and licensure in the profession of speech-language pathology. Graduates of the program meet all requirements of the American Speech-Language-Hearing Association’s Certificate of Clinical Competence (CCC).

BASIC ADMISSION REQUIREMENTS
To be considered for admission, an applicant must:
1. Complete a baccalaureate degree from an accredited college or university. If the baccalaureate degree is not in Communication Sciences and Disorders (CSD), a minimum of 32 semester hours of prerequisites in CSD may be completed in residence;
2. Have a 3.0 cumulative grade point average (GPA) on the last 60 hours of coursework applied to the degree or a 3.0 GPA on graded graduate coursework of 12 or more hours;
3. Submit Graduate Record Examination (GRE) General Test scores prior to the application deadline;
4. Complete an on-site interview;
5. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized) or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
6. Submit a completed application by February 1. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

ACCREDITATION
The North Central Association of Colleges and Secondary Schools and the Council on Academic Accreditation of the American Speech-Language-Hearing Association accredits the Graduate Programs in Speech-Language Pathology and Audiology. The Speech-Language Pathology program is also accredited by the National Council for Accreditation of Teacher Education.

For additional information:
Department of Communication Sciences and Disorders
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-4214
Fax: (405) 271-3360
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Graduate Programs

Allied Health Sciences (M.S., Ph.D.)

Degrees offered: Master of Science, Doctor of Philosophy

The Department of Allied Health Sciences offers a Master of Science program with a specialization in medical dosimetry designed to provide advance education, training, and research to students desiring mastery in the area of medical dosimetry.

The objective of the Doctor of Philosophy degree program in Allied Health Sciences is to develop scholars who will provide leadership in the health care disciplines represented in the College of Allied Health. Graduates of this program will be prepared to assume roles in research, education, public policy, and administration of health care services. The interdisciplinary aspects of the program will promote expansion of knowledge across
disciplines and informed collaboration among disciplines, which are hallmarks to today’s research, education, and health care environments.

ACADEMIC PROGRAM

The Master of Science (M.S.) degree program in Medical Dosimetry provides learning opportunities for the purpose of fulfilling the following goals: providing registered Radiation Therapists holding a B.A. or B.S. degree an opportunity for advanced education, training, research and providing individuals the opportunity to become eligible to make application to the Medical Dosimetry Certification Board (MDCB).

BASIC ADMISSION REQUIREMENTS

To be considered for admission to the Dosimetry program, an applicant must:
1. Complete a baccalaureate degree from an accredited college or university;
2. Have a 3.0 cumulative grade point average (GPA) on the last 60 hours of coursework applied to the degree or a 3.0 GPA on graded graduate coursework of 12 or more hours;
3. Complete calculus, Physics I and Physics II with lab;
4. Be certified by the American Registry of Radiologic Technologist in Radiation Therapy;
5. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
6. Submit a completed application by July 1 for fall admission and December 1 for spring admission. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

ACADEMIC PROGRAM

The Doctor of Philosophy (Ph.D.) degree program in Allied Health Sciences is interdisciplinary and designed to promote knowledge across disciplines and informed collaboration among disciplines. Graduates of the program will be prepared to assume leadership roles in research, education, public policy and administration of health care services. The individualized program is designed to meet each student’s educational goals. Graduate courses from any of the departments within the College of Allied Health, the Health Sciences Center campus, or the Norman campus may be selected as part of a student's individualized program. Areas of specialization exist in Academic Leadership, Nutritional Sciences, and Rehabilitation Sciences.

BASIC ADMISSION REQUIREMENTS

To be considered for admission to the Ph.D. program, an applicant must:
1. Complete a baccalaureate degree from an accredited college or university;
2. Have a 3.0 cumulative GPA on the last 60 hours of coursework applied to the degree or a 3.0 GPA on graded graduate coursework of 12 or more hours;
3. Complete calculus, Physics I and Physics II with lab;
4. Be certified by the American Registry of Radiologic Technologist in Radiation Therapy;
5. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
6. Submit a completed application by July 1 for fall admission and December 1 for spring admission. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

For additional information:
Department of Allied Health Sciences
College of Allied Health
801 N.E. 13th
Oklahoma City, OK 73126-0901
Phone: (405) 271-1444
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Communication Sciences and Disorders
(M.S., Ph.D.)

Speech-Language Pathologists identify, assess, and provide treatment for communication and swallowing functions and their disorders. Audiologists provide comprehensive diagnostic and rehabilitative services for all areas of auditory, vestibular, and related disorders. These services are provided to individuals across the entire age span from birth through adulthood; from diverse language, ethnic, cultural, and socioeconomic backgrounds; and who may have multiple disabilities.

ACADEMIC PROGRAM

The Master of Science (M.S.) degree in Speech-Language Pathology provides an academic and clinical foundation for professionals providing services to children and adults with communication impairments and qualifies graduates for certification and licensure in the profession of speech-language pathology.

The Doctor of Philosophy (Ph.D.) degree provides an individualized broad-based education within which a specific area of scholarly expertise is developed and which culminates in a mentored program of basic or applied research in either speech-language pathology or audiology.

BASIC ADMISSION REQUIREMENTS

To be considered for admission, an applicant must:
1. Complete a baccalaureate degree from an accredited college or university if applying to the M.S. program. If the baccalaureate degree is not in Communication Sciences and Disorders (CSD), a minimum of 32 semester hours of prerequisites in CSD may be completed in residence;
2. Meet all Graduate College minimum requirements if applying to the Ph.D. program;
3. Have a 3.0 cumulative GPA on the last 60 hours of coursework applied to the degree or a minimum 3.0 GPA on graded graduate coursework of 12 or more hours;
4. Complete an on-site interview;
5. Submit Graduate Record Examination (GRE) General Test scores prior to the application deadline;
6. Students for whom English is a second language must earn a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) within two years prior to application on the Test of English as a Foreign Language (TOEFL); and,
7. Submit a completed application by February 1 for fall admission. The application and other application requirements are found at http://www.ah.ouhsc.edu/main/oass.asp.

For additional information:
Department of Communication Sciences and Disorders
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-4214
Fax: (405) 271-3360
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Nutritional Sciences (M.S.)

The Department of Nutritional sciences offers a graduate program designed to provide advanced education, training, and research to students desiring mastery in an area of nutrition.

ACADEMIC PROGRAM

The graduate program provides learning opportunities for the purpose of fulfilling two goals: providing Registered Dietitians an opportunity for advanced education, training, research and providing interested professionals from other areas an opportunity to augment their knowledge and expertise in nutrition. Two major tracks of study leading to a M.S. in Nutritional Sciences are offered: Track I is a thesis track and Track II is a non-thesis track.
BASIC ADMISSION REQUIREMENTS
To be considered for admission, an applicant must:
1. Have a baccalaureate degree from an accredited college of university in
   nutrition or dietetics or permission of the Department.
2. Have a 3.0 cumulative GPA on the last 60 hours of coursework applied
   to the degree or a minimum 3.0 GPA on graded graduate coursework of
   12 or more hours;
3. Complete organic chemistry, biochemistry, introductory nutrition, and
   human physiology. Note: organic chemistry and biochemistry may be
   taken with the program in the fall semester;
4. Students for whom English is a second language must earn a minimum
   score of 100 (internet-based), 250 (computerized), or 600 (paper) within
   two years prior to application on the Test of English as a Foreign
   Language (TOEFL); and,
5. Submit a completed application by July 1 for fall, December 1 for spring
   and May 1 for summer. The application and other application requirements
   are found at http://www.ah.ouhsc.edu/main/oass.asp.

For additional information:
Department of Nutritional Sciences
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-2113
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

Rehabilitation Sciences (D.Sc.)
The post-professional Doctor of Science (D.Sc.) degree program in
Rehabilitation Sciences is designed for students with a professional
(entry-level) degree in occupational therapy or physical therapy. The
program includes a web-based Doctor of Science degree in pediatrics.

ACADEMIC PROGRAM
The post-professional Doctor of Science degree program in Rehabilitation
Sciences is designed for students with a professional (entry-level) degree in
occupational therapy or physical therapy. The program builds on students’
entry-level education and subsequent education and clinical experiences.
The goal of the program is to prepare occupational therapists and physical
therapists to be scholarly practitioners with advanced clinical reasoning and
skills in a specialty area. Graduates will understand and contribute to the
scholarship of their professions, particularly through scholarly practice and
clinical outcomes research. Most graduates will remain in clinical practice
and become leaders in practice, such as clinical instructors, clinic
managers, and/or directors of clinical programs.

BASIC ADMISSION REQUIREMENTS
To be considered for admission, an applicant must:
1. Be a graduate from an accredited professional (entry-level) program in
   occupational therapy or physical therapy;
2. Have two (2) years of professional experience and a well-defined interest
   in clinical practice (applicants with fewer than two years experience will
   be considered on an individual basis);
3. Have a 3.0 cumulative GPA on the last 60 hours of coursework applied
   to the degree or a minimum 3.0 GPA on graded graduate coursework of
   12 or more hours;
4. Submit Graduate Record Examination (GRE) General Test scores prior to
   the application deadline;
5. Students for whom English is a second language must earn a minimum
   score of 100 (internet-based), 250 (computerized), or 600 (paper) within
   two years prior to application on the Test of English as a Foreign
   Language (TOEFL); and,
6. Submit a completed application by July 1 for fall, December 1 for spring
   and May 1 for summer. The application and other application requirements
   are found at http://www.ah.ouhsc.edu/main/oass.asp.

For additional information:
Department of Rehabilitation Sciences
College of Allied Health
P.O. Box 26901
Oklahoma City, OK 73126-0901
Phone: (405) 271-2131
e-mail: alliedhealth-info@ouhsc.edu
Internet: www.ah.ouhsc.edu/main/

College of Dentistry
Stephen K. Young, D.D.S., M.S., Dean
1201 N. Stonewall Avenue
Oklahoma City, OK 73117-1214
Phone: (405) 271-5444
FAX: (405) 271-3423
Internet: http://dentistry.ouhsc.edu/

Dental Hygiene
The dental hygienist (RDH) is a licensed primary health-care professional,
oral health educator, and clinician. The dental hygienist works closely with
and under the supervision of a dentist. Most dental hygienists are employed
in a dental office; however, dental hygienists can be found in numerous
other settings; long-term care facilities, hospitals, corporate health facilities,
school systems, research centers, state and federal agencies, and public
health clinics. The responsibilities of a dental hygienist include preventive
services that promote or maintain oral health and clinical treatments
designed to arrest or control oral disease. Quality dental hygiene care
requires critical thinking to assess the patient’s needs, determine a dental
hygiene diagnosis, develop individualized patient care, implement dental
hygiene treatment, and evaluate outcomes of dental hygiene treatment.
The U.S. Department of Labor’s Bureau of Labor Statistics has projected
that employment prospects for dental hygiene are expected to remain
excellent and one of the fastest growing occupations through the year 2016.
There is considerable freedom for dental hygienists to select work days and
hours.

Bachelor of Science Degree Program
The Department of Dental Hygiene baccalaureate degree program has
been educating outstanding dental hygienists since 1971. The main campus
is located within the College of Dentistry at the OU Health Sciences Center
in Oklahoma City and distance education sites are located at: 1) Tri County
Technology Center in Bartlesville, OK; 2) Southern Oklahoma Technology
Center in Ardmore, OK; and 3) Western Technology Center in Weatherford,
OK. The North Central Association of Colleges and Secondary Schools,
Commission on Institutions of Higher Education, and the Commission on
Dental Accreditation of the American Dental Association accredit the program.
The mission of the Department of Dental Hygiene (DDH) is to improve
the health of Oklahomans and shape the future of dentistry by developing
highly qualified dental hygienists through excellence in education, patient
care, research, community service, faculty, and facilities.
The Bachelor of Science in Dental Hygiene degree requires at least 60 hrs
of prerequisite coursework and two years in the dental hygiene curriculum,
totaling a minimum of 128 undergraduate credit hours. Prerequisite courses
may be taken at the University of Oklahoma or another accredited university
or college. Upon successful completion of the program, graduates are
eligible to take written and clinical examinations for licensure to practice as
registered dental hygienists. In addition to working in clinical practices, the
baccalaureate RDH may be employed in educational, research, government,
and corporate settings.
ADMISSION

Admission to the Dental Hygiene Program is competitive. Selection is based on the applicant’s post-secondary academic record, life experiences, and potential for success in a baccalaureate program. New students are admitted for the fall semester only. Oklahoma residents are given preference, but well-qualified non-residents are also considered for admission. All application materials must be submitted by January 15th of the year in which admission is sought. To be considered for admission, students must meet the following requirements:

1. Be in good standing with the last college or university attended.
2. Take the ACT or SAT and provide individual component scores and composite score.
3. Have a minimum grade point average of 2.5 on a 4.0 scale with a grade of C or better on all required coursework.
4. Have a minimum of 60 semester hours of coursework from an accredited college or university.
5. Ideally applicants should have completed the FOUNDATIONAL coursework (see prerequisite courses) before the January 15 application deadline. Acceptance is based upon completion of foundational coursework by the end of the spring semester prior to admission, and completion of the remainder of the prerequisite courses by the time the fall semester begins.
6. Spend a minimum of 40 hours observing a dental hygienist.
7. Submit a completed application to the University of Oklahoma Health Sciences Center. The application online that includes the prioritized site(s) for which the applicant wishes to be considered. https://app.applyyoureself.com/tid=ouk-hs
8. If English is the student’s second language, a minimum score of 100 (internet-based), 250 (computerized), or 600 (paper) is required on the national standardized Test of English as a Foreign Language (TOEFL) examination.
9. An offer of acceptance into the program is contingent upon meeting the required “C” in all remaining prerequisite coursework and a cumulative GPA of 2.5.

PREREQUISITES

The following completed courses completed are required (with a minimum of a “C” grade) and must be included within the minimum 60 semester hours of study. The course names and numbers are those of the University of Oklahoma. Any exception or substitutions must be approved by the program director or college dean or be listed in the Official Course Substitution Guide of the University of Oklahoma.

CORE AREA 1: Symbolic & Oral Communication

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Principles of English Composition I</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Principles of English Composition II</td>
</tr>
<tr>
<td>or Foreign Language* — High School, two years; or, College, two courses</td>
<td></td>
</tr>
<tr>
<td>or COMM 1113</td>
<td>Principles of Communication</td>
</tr>
<tr>
<td>or COMM 2613</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>or COMM 2513</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>or PSY 2003</td>
<td>Understanding Statistics</td>
</tr>
<tr>
<td>or ECON 2843</td>
<td>Elements of Statistics</td>
</tr>
</tbody>
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CORE AREA 2: Natural Science

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ZOO 2234</td>
<td>Human Anatomy</td>
</tr>
<tr>
<td>ZOO 2255</td>
<td>Human Anatomy</td>
</tr>
<tr>
<td>or CHEM 1315</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>or HES 2823</td>
<td>Introduction to Nutrition</td>
</tr>
<tr>
<td>or MBIO 2815</td>
<td>Introduction to Microbiology</td>
</tr>
<tr>
<td>or ZOO 2124</td>
<td>Human Physiology</td>
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</table>

CORE AREA 3: Social Science

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<tbody>
<tr>
<td>PSC 1113</td>
<td>Government of the United States</td>
</tr>
<tr>
<td>or PSY 1113</td>
<td>Elements of Psychology</td>
</tr>
<tr>
<td>or SOC 1113</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

CORE AREA 4: Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1483</td>
<td>U.S. History 1492 to 1865, or</td>
</tr>
<tr>
<td>or HIST 1493</td>
<td>U.S. History 1865 to Present</td>
</tr>
<tr>
<td>or Understanding Artistic Forms (three hours)*</td>
<td></td>
</tr>
<tr>
<td>or Western Civilization &amp; Culture (three hours)*</td>
<td></td>
</tr>
</tbody>
</table>

Non-Western Culture (three hours)*
Approved upper-division general education course (three hours)*

Indicates additional general education courses required for students beginning their college education in fall of 1990 or after and those who have not earned an Oklahoma bachelor’s or associate’s (excludes applied science) degrees.

A Foundational Grade Point Average (FGPA) is computed and used in the selection process. The FGPA is derived from the grades for the following eight required prerequisite courses: English II, Human Physiology, Human Anatomy, Microbiology, Statistics, Psychology, Nutrition, and General Chemistry. Averaged grade points will be used for courses retaken. It is important that as much of the foundational coursework as possible be completed in the fall semester prior to desired entry in order to have the strongest possibility of selection.

SELECTION PROCESS

Applicants are selected for interview on the basis of a calculated Academic Score, comprised of the Foundational GPA, last 60 hours of coursework GPA, Foundational Course Completion Status, and composite ACT score.

Interviews are granted according to academic scores generated. The interview session includes oral and written components. Oral interviews evaluate knowledge of profession, maturity, service, communication skills, and professionalism. A fifteen-minute writing sample is judged on grammar, spelling, conciseness, logic, articulation and depth of argument.

Notification of contingent acceptance into the program is made in April for the class beginning in August.

FOR ADDITIONAL INFORMATION

For detailed information regarding the dental hygiene program and admissions process, please visit our website at: http://dentistry.ouhsc.edu/prospectivestudents_2_2_1.php.

To obtain pre-advisement contact:
Dental Hygiene Program
OUHSC, DCSB 567
P.O. Box 26901
Oklahoma City, OK 73190-3044
Telephone: (405) 271-4435; FAX: (405) 271-4785

For questions about the online application contact:
Office of Admissions & Records
OUHSC, BSEB Room 200
P.O. Box 26901
Oklahoma City, OK 73190-3040
Telephone: (405) 271-2359; FAX: (405) 271-2480

For information concerning financial aid contact:
Office of Financial Aid
OUHSC, BSEB Room 241
P.O. Box 26901
Oklahoma City, OK 73190-3040
Telephone: (405) 271-2118

Doctor of Dental Surgery Program

GENERAL INFORMATION

From its inception in 1971, the College has established a reputation of training its students to provide the highest quality of clinical care available. The training program affords students with extensive opportunities to learn and develop proficiency through practice in both simulation and patient clinic settings. Graduates develop the knowledge, technical competency, and clinical proficiency necessary to assume roles as responsible health care professionals.

Dentistry offers the opportunity to blend science, human relations and technical skills into a satisfying profession. If you are considering a career in dentistry, we invite you to carefully examine the University of Oklahoma College of Dentistry. Our excellent training facilities, superb faculty and well-designed curriculum make for a dental education second to none.
In addition to a Doctor of Dental Surgery program, the College offers a Bachelor of Science degree in dental hygiene and graduate and residency programs in advanced general dentistry, orthodontics, periodontics, and oral and maxillofacial surgery.

PROGRAM FOR ACADEMIC EXCELLENCE

Orientation and the start of classes for new students is in late June or early July. The degree program leading to a Doctor of Dental Surgery (D.D.S.) requires four-years. The curriculum progresses from foundational studies in biomedical and dental sciences, to applied laboratory and simulated clinic experiences, and culminates with clinical training and comprehensive patient care. Significant opportunities for treating patients is a hallmark of the student’s training at the College of Dentistry and promotes development of strong clinical skills and excellent practitioners.

In addition to completing the curriculum in place by the College of Dentistry, students must also pass regional and national examinations administered by organized dentistry in order to receive a degree and become licensed for practice. The pass rate on such examinations for OU students is consistently high — well over 90 percent on the first attempt.

The curriculum builds upon a minimum of three years of previous academic work at the baccalaureate level.

The program is divided into semesters with additional summer clinical sessions. The objectives of the program are to produce graduates who:
- are competent in the diagnosis and treatment of oral disease;
- practice preventive dentistry in relation to total health;
- assume positions of responsibility within the community;
- respond to the needs, aspirations, and apprehensions of patients and others;
- effectively manage a dental practice and dental auxiliary personnel; and,
- have developed an initiative for continuing education and adaptation to progress within the profession.

The four-year dental curriculum is designed to provide those learning experiences which enable the student to acquire the essential knowledge and skills necessary for competent practice in the science and art of dentistry. This requires that a heavy commitment of time and effort in order to complete the academic program. Direct participation in classes, laboratories, and clinics involves 35 or more hours per week, and related study and preparation time is extensive. In addition to the conventional two semesters of each academic year, students participate in four additional weeks of instruction during the first and second years and also provide patient care in a 10-week summer session following the third year. The total instructional period is 146 weeks.

Instruction is provided in the basic biological sciences, behavioral sciences, and clinical dental sciences. Most of the biological science instruction is included in the first two years of the curriculum. Clinical sciences are taught throughout the entire curriculum. As the student progresses through the program, emphasis and time are increasing devoted to supervised patient care. Behavioral sciences instruction, the management of dental practice and professional responsibility are incorporated throughout the curriculum. By graduation, the student is considered to be qualified to enter directly into the professional practice of dentistry.

The first year of the curriculum is concerned largely with the basic structure and function of the human body. Courses in human gross anatomy, microscopic anatomy with emphasis on the oral-facial structures, biochemistry, and physiology provide the student with the understanding of the biological sciences important to the dentist. Instruction in the clinical sciences gives the student the knowledge of form, structure, growth, and function of the dentition, the importance of and the mechanisms to prevent dental disease, and some of the procedures used to restore diseased oral tissues to a healthy condition. The first of a series of courses on individual behavior, communications, and the social responsibilities of the dentist are also offered in the first year. Students begin patient care in the first year by performing preventive dentistry and examination and diagnostic procedures.

The second year concentrates on the processes of disease and infection through joint courses in pathology, oral pathology, microbiology, and immunology. More advanced instruction in the clinical disciplines is provided and the student assumes an increasing responsibility for care of patients.

In the third year, more than half of the student’s time is spent in the provision of dental care to patients. At the same time, he or she continues to receive instruction in basic sciences, particularly pharmacology, and in the clinical, behavioral, and social sciences. Students work in collaborative groups to provide high-quality care, practice effective management principles, and assist each other in professional growth and development.

The final year concentrates extensively on patient care, the correlation of the basic, behavioral, and clinical sciences, as well as the effective and efficient management of dental services. Some students are granted the opportunity to pursue elective study to concentrate on further development of knowledge and skills in selective clinical specialties, or to engage in research or graduate-level study in scientific disciplines. Each student will spend five weeks in special preceptorships or rotations in private offices and/or institutions providing dental services. Extensive emphasis is given to comprehensive patient care and the teamwork and leadership involved in the provision of dental health services.

Numerous opportunities for both community outreach and research activities are also available and strongly encouraged throughout the education experience.

The Doctor of Dental Surgery (D.D.S.) degree will be awarded to students who complete the prescribed curriculum at an acceptable level and demonstrate a high degree of professional ethics and behavior. The faculty will make the final determination of those candidates meeting requirements for graduation.

FACILITIES

Basic science courses are conducted in the Basic Sciences Education Building. Space is devoted exclusively to the dental programs in multidisciplinary laboratories which are especially conducive to small group instruction. Basic science instruction takes place in a modern lecture room equipped with color slides, closed-circuit television, and other forms of audiovisual media. Preclinical technique instruction is conducted in a state-of-the-art laboratory in the Dental Clinical Sciences Building which was designed to simulate working at chairside, thus facilitating the student’s transition from the laboratory to the treatment of patients.

Dental clinical instruction takes place in the modern 112,000-square-foot Dental Clinical Sciences Building. This building is located immediately east of the Basic Sciences Education Building and is across the street from the Library-Learning Resources Center. The Dental Clinical Sciences Building provides the finest of facilities and equipment for clinical instruction. It includes 180 general practice operatories for student use and additional operatories for oral diagnosis, radiography, oral surgery, pedodontics, periodontics, graduate programs, and residencies. The Dental Clinical Sciences Building has three 88-seat lecture rooms and several multipurpose classrooms in addition to clinical laboratories and faculty offices. Student space is ample and includes locker rooms, a faculty-student commons with lunch facilities, several lounges, and an office and workroom for student organizations. The College is currently implementing new technology for both an electronic patient record system and for digital imaging capability.

ADMISSION

Minimum pre-dental education requirements include 90 semester hours and the following prerequisite courses (mandatory semester hours in parentheses): Biological Science w/lab (8); Inorganic Chemistry w/lab (8); Organic Chemistry w/lab (8); Physics w/lab (8); Biochemistry (3); English (6); General Psychology (3). A minimum grade of “C” is required in all prerequisite courses. In addition, 100 hours of observation and/or work experience is expected in a dental clinic or dental laboratory environment.

At least 75 semester hours and most (if not all) of the prerequisites and dental observation hours should be completed prior to submitting an application. In recent years, well over ninety percent of the entering class has completed a baccalaureate degree or an equivalent number of credits.

APPLICATION

All applicants may apply to the University of Oklahoma College of Dentistry through the American Association of Dental Schools Application Service (AADSAS). Oklahoma residents also have the option of applying directly to the College of Dentistry via the online application available at http://dentistry.ouhsc.edu. The application deadline for non-residents is September 1 while the application deadline for Oklahoma residents is December 1.
In addition to submitting an application, students must provide official transcripts from each higher institution attended, scores from the Dental Admission Test (DAT), and letters of recommendation from a dentist and a pre-professional advisory committee (individual science instructors are an acceptable alternative).

If an applicant has taken the DAT multiple times, the College of Dentistry will consider the DAT report with the highest overall academic average. The perceptual ability test is not routinely factored into the evaluation process.

**INTERVIEW AND ADMISSION DECISIONS**

Applicants with strong credentials and competitive applications are invited for a personal interview with individual members of the Admissions Committee. It is well understood that intellect and academic achievement alone are not sufficient criteria for selecting the most qualified applicants. Hence, interviews are conducted to assess the applicant’s motivation, character attributes, interpersonal and communication skills, service ethic, maturity and emotional stability. Scheduling for interview begins in October and continues through January.

The Admission Committee meets in November and January to evaluate all applicants who have been interviewed. Applicants are selected on the basis of their application credentials and interview ratings. Ultimately, all decisions are forwarded to the dean for final approval. Each applicant is notified in writing as soon as a final admission decision is made but not before December 1. Successful applicants are asked to submit an advanced deposit in order to reserve a position in the class. Alternates are offered positions that may become available up until classes begin.

**CLASS SIZE**

The learning experience is formatted around a cohort model in which a class of 56 entering students progresses through the entire program together. Approximately 10 positions in each entering class are reserved for out-of-state residents.

**ENROLLMENT AND FEES/TUITION**

The College of Dentistry Office of the Dean will enroll all dental students during the advance enrollment period. Enrollment is not complete until an enrollment form signed by the student and advisor is submitted to the HSC Office of Admissions and Records Enrollment Section. Dental students will be notified of their scheduled class registration by the College of Dentistry Dean’s Office.

To hold a position in the class, applicants accepted into the College of Dentistry must submit a $500 deposit by the date specified in the acceptance letter. This deposit is applied to the first semester tuition. This deposit is non-refundable. A complete schedule of fees is available from the Office of Admissions, College of Dentistry.

**SCHOLARSHIPS AND FINANCIAL AID**

Adequate loan resources are available to meet the needs of all eligible dental students and are administered by the Financial Aids Office. In addition, some forms of financial aid are restricted to minority students.

An entering student should obtain the necessary application packet as early as possible from the Office of Financial Aid. While applications are accepted throughout the year, it is recommended that the FAFSA be submitted no later than March 1. Applicants are reminded that it takes several months to process financial aid applications and late submission may delay funding until after classes begin. Students must submit an application for financial aid each school year.

For further information, contact:
Office of Financial Aid
OUHSC, SU 301
P.O. Box 26901
Oklahoma City, OK 73126-3040
Telephone: (405) 271-2118

For further information, contact:
University of Oklahoma College of Dentistry Office of Admissions

**VISITS AND TOURS**

Prospective students and their families are welcome and encouraged to visit the College of Dentistry. With advance notice it is usually possible to arrange a meeting with the Director of Admissions and a tour of facilities with a dental student.

**CONTACT US**

University of Oklahoma College of Dentistry
Office of Admissions
1201 N. Stonewall Ave.
Oklahoma City, OK 73117
(405) 271-3530

**ACCREDITATION**

This program is accredited by the Commission on Dental Accreditation of the American Dental Association and is one of 58 accredited dental schools in the United States.

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**College of Medicine**

M. Dewayne Andrews, M.D., Vice President for Health Affairs and Executive Dean

940 Stanton L. Young Blvd., Suite 357
Oklahoma City, OK 73104-5042

Phone: (405) 271-2265
Fax: (405) 271-3032

Internet: http://www.oumedicine.com

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**Doctor of Medicine Program**

**GENERAL INFORMATION**

Medical education is a complex mixture of graduate and professional education. Students are expected to master basic scientific principles and facts as well as to obtain sufficient clinical skills and experience to be well prepared for residency training. The education must convey the continually expanding body of medical science and prepare students for competent and compassionate patient care. Medicine and its practice is truly a commitment to life-long learning.

The University of Oklahoma College of Medicine is creative in meeting the needs of both our students and the needs of our state's population. At the turn of the 20th century the College of Medicine was established in Norman as a two-year pre-clinical school. Ten years later in 1910 it was merged with the Epworth Medical College in Oklahoma City and became a four-year degree-granting school. The College's mission includes education, biomedical research, and exemplary patient care. In conjunction with its affiliated teaching hospitals, the College provides a sophisticated learning environment. Patients are referred to our faculty and teaching hospitals from throughout the U.S. and the world.

**FACILITIES AND FACULTY**

The University of Oklahoma College of Medicine fulfills its mission by assuring the fiscal and administrative resources, teaching and research facilities that are necessary to create an environment for the highest level of professional achievement. Our faculty, many of whom have reached positions of prominence in American medicine, are committed to providing a continuum for students to progressively acquire the knowledge and skills to understand the nature of health and illness and to care for patients and
their families. The University is justifiably proud of its students, faculty and staff for the strength of the institution lies in these individuals.

The uniqueness of the Oklahoma Health Center, the remarkable aggregate of health related institutions on the 300-acre complex in central Oklahoma City, includes the University of Oklahoma Health Sciences Center, the OU Medical Center hospital complex, and 31 member organizations ranging from cutting-edge technology companies to government, education, health care and community support institutions. Medical students are not only afforded the opportunity to train on this campus but in a variety of health care delivery models across our community and state. There are approximately 800 full-time faculty and more than 2,200 volunteer faculty serving the College of Medicine.

Additionally, the College of Medicine-Tulsa is the community-based, clinical campus founded in 1972 by act of the Oklahoma legislature.

CURRICULUM

The four-year Doctor of Medicine (MD) program provides students with the knowledge, skills, and attitudes necessary for a successful career in medicine. The undergraduate medical school program is notable for its enthusiastic faculty, early clinical exposure, and numerous teaching innovations. The student-centered curriculum is considered part of the larger continuum of medical education and is guided by six educational program objectives that emphasize medical knowledge, patient care, communication skills, professionalism, experience-based improvement, and systems-based practice. The program begins with an integrated basic sciences curriculum that addresses the principles and mechanisms that undergird the prevention, etiology, diagnosis, and management of disease. The basic sciences experience is taught using a variety of innovative educational approaches including standardized patients, high-fidelity simulations, and extensive online curriculum resources. First-year courses focus on normal structure, function and behavior. Second-year courses include the principles of pathology, pathophysiology, pharmacology, and prepare students for the transition to the third year experience. The clinical curriculum is offered at either the Oklahoma City or Tulsa campus and begins with a series of required clerkships in surgery, internal medicine, psychiatry, obstetrics and gynecology, family medicine, neurology and pediatrics. The fourth year includes a rural preceptorship experience, ambulatory medicine and geriatric clerkships, and numerous opportunities for clinical electives. Opportunities exist in both the third and fourth years to enroll in specialized courses in anesthesiology, dermatology, emergency medicine, neurosurgery, ophthalmology, orthopaedics, orthopedic surgery, pathology and medicine, radiology, and urology.

FINANCIAL AID

 Adequate loan resources are available to meet the needs of all eligible medical students. An entering student should complete the Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov. OUHSC school code is 005889. The Financial Aid Office Web site offers all the information a student should need concerning federal and private student aid. To apply for scholarships, contact the College of Medicine at (405) 271-2265 or access their web site at http://w3.ouhsc.edu/sfs/. Questions can be sent to financial-aid@ouhsc.edu or call:

Office of Financial Aid
University of Oklahoma Health Sciences Center
P.O. Box 26901
Oklahoma City, OK 73126
(405) 271-2118

For the best opportunity to be awarded low interest loans, the FAFSA should be completed by March 1st for the upcoming academic year. Scholarships are based on need and/or academic standing in the medical school. To apply for scholarships, contact the College of Medicine at (405) 271-2265 or access their web site at www.ouhsc.edu.

APPLICATION

The college utilizes the American Medical College Application Service (AMCAS). The web-based application is available at www.aamc.org/AMCAS/. Applications are received from June through October 15 of the year prior to which admission is sought. Late or incomplete applications will not be considered. In addition to the AMCAS application, the college requires two letters of reference: one from the applicant’s premedical committee, and one from any other faculty member of his or her choosing, or three faculty letters if the premedical committee is not used (this option is strongly discouraged for currently enrolled OU students). Applications cannot be considered until all materials requested have been received. Completion deadline is November 1.

DEGREE REQUIREMENTS

Grading at the University of Oklahoma College of Medicine is a combination of objective and subjective evaluation of academic, professional, and clinical abilities of the student. All courses in the college must be passed with a grade of C or better and all required coursework must be satisfied. Additionally, students are required to take and pass Step 1 of the United States Medical Licensing Examination (USMLE) to advance to third-year of medical school, and take USMLE Step 2 prior to graduation.

LICENSURE

Licensure to practice medicine in the United States is governed by state Boards of Medical Licensure. A medical degree is required as is passing the three steps of the United States Medical Licensing Examination (USMLE) and completion of at least one year of approved residency training. Further information about licensure may be obtained directly from State Boards.

Physician Associate Program

The College of Medicine offers a 30-month Physician Associate Program leading to a Master of Health of Science degree. Preadmission advising and counseling can be obtained by contacting the Physician Associate Program at the Health Sciences Center, (405) 271-2058.
ADMISSION
To be considered for admission to the Physician Associate Program an applicant must:
1. Have a minimum of 90 semester hours from an accredited college or university.
2. Have a minimum grade point average of 2.75 on a 4.00 scale.
3. Complete three reference forms.
4. Provide a résumé.
5. Submit a statement on “Why I Wish to Become A Physician Associate.”
6. Complete the General test component of the Graduate Record Examination prior to the application deadline.
7. Complete the on-line application for the University of Oklahoma Health Sciences Center.
8. Applicants must have completed the following courses prior to the first day of classes.
   Note that prerequisite courses need not be completed prior to the application deadline. Any exceptions or substitutions must be approved by the Physician Associate Program.
   - English Composition — one semester
   - U.S. Government — one semester
   - U.S. History — one semester
   - Psychology — one semester
   - Psychology elective — one semester
   - Microbiology — one semester
   - Pathogenic Microbiology, Virology, or Immunology — one semester
   - Anatomy* — one semester
   - Physiology* — one semester
   - General Chemistry — two semesters
   - General Physics — one semester
   - College-level algebra — one semester

*Two semesters of combined anatomy/physiology fulfill separate course requirements.

It is highly recommended that all science courses have a laboratory component. Electives are preferred in the biological, physical, and behavioral sciences and humanities.

An application must be complete before it will be considered by the Admissions Committee. Applicants who meet these requirements and have a completed application on file may be invited for a personal interview. This does not indicate acceptance. All expenses incurred will be the responsibility of the applicant.

It is recommended that applicants have direct patient contact health care experience.

APPLICATION FOR PA PROGRAM
Applications should be made directly to the University of Oklahoma Health Sciences Center, Office of Admissions and Records. As soon as the packet has been evaluated and made ready by this office, it will be forwarded to the admissions coordinator of the Physician Associate program for consideration.

Classes begin in early July each year. A maximum of 50 students are accepted to each class. All applications must be completed by October 1. The application process includes a formal interview for those candidates selected for final consideration.

DEGREE REQUIREMENTS
Successful completion of the Physician Associate Program leads to the Master of Health Sciences degree. Any student who successfully completes all of the courses with a minimum grade of C in all Physician Associate courses and a minimum grade point average of at least 2.00 on a 4.00 scale may be recommended for graduation by the promotions committee.

The work in the College of Medicine is 30 months in duration and is divided into two phases: the basic science phase and the clinical clerkship phase.

The basic science phase is 17 months in length, and all work is done at the Health Sciences Center. Basic science training consists of required courses taught by several Colleges at the Health Sciences Center.

The clinical clerkship phase of the program is 13 months in length and is decentralized, with the majority of the clerkships spent with private practitioners throughout the State of Oklahoma. For this reason, it is necessary that the students be mobile during this particular phase of their education. Physician Associate education is designed to train generalist practitioners and therefore covers the major disciplines that comprise primary care.

There are 13 clerkships, each lasting four weeks, during the clinical phase of the program, with experiences in the areas of internal medicine, surgery, pediatrics, emergency medicine, family medicine, OB/GYN, and mental health. Graduates of the Physician Associate program are eligible to sit for the National Board exam and are eligible for licensure as a Physician Assistant.

Physician Assistant Program – Tulsa
The Physician Assistant Program at the University of Oklahoma College of Medicine in Tulsa joins the PA program at OU Health Sciences Center in Oklahoma City as the second program in the state.

Each program is separately accredited by the Accreditation Review Commission on Education for the Physician Assistant, Inc. Separate applications are required for each program.

The University of Oklahoma is working with the University of Tulsa to offer the PA program, with TU assisting in the teaching of basic and behavioral science instruction.

The goal of the Physician Assistant Program is to educate quality primary care physician assistants to serve the health care needs of northeastern Oklahoma. Special emphasis is placed on meeting the needs of underserved populations in the state.

The OU-Tulsa PA program’s curriculum has special emphasis on meeting the needs of the underserved populations and those at risk in the state. The first fifteen months of didactic phase of our program consists of classroom and laboratory instruction in basic medical and behavioral sciences. Course instructions include anatomy, pathophysiology, pharmacology, clinical medicine, and physical diagnosis. The second and third year or clinical phase focuses on applying the learned material in the clinical setting.

Clinical instruction is given by preceptors, typically physicians, PAs, NPs, who are dedicated to enhancing PA education. Typical clinical rotations a student experiences are Family Medicine, Internal Medicine, General Surgery, Pediatrics, Obstetrics and Gynecology, Emergency Medicine, Psychiatry, and Underserved Medicine.

The clinical rotations will be primarily provided in the clinics of the University of Oklahoma College of Medicine - Tulsa. The clinical portion of the students’ education will consist of 15 months. OU-Tulsa is affiliated with five major hospitals in the area and operates 32 clinical facilities. Additional clinical training sites are available at specialty clinics, local federally qualified health care centers, health care facilities run by local Native American tribes, and health department clinics. The clinical rotations include 22 weeks of primary care (includes family medicine, internal medicine and pediatrics); four weeks each in the specialty areas of surgery and emergency medicine; six weeks each of mental health and obstetrics/gynecology rotation; two four-week electives in areas chosen by the student; and an extended five-week practicum in the clinical area that the student believes he/she wishes to practice.

CURRICULUM
The curriculum is 30 months in duration, with a Master of Health Sciences degree awarded upon graduation. The program is an intensive, full-time, 30-month curriculum that starts at the beginning of the summer term. The first 15 months are devoted to instruction, including basic sciences, introduction to clinical sciences, physical diagnosis, behavioral medicine, and professional courses.

Following successful completion of the instructional portion of the curriculum, students begin 15 months of clinical rotations. The Tulsa area serves as a base for students in their clinical training, but some rotation sites are located in other Oklahoma communities. Applicants should be aware that they may be away from the Tulsa area for periods of time.
The following areas are included in the clinical year: Family Medicine, Internal Medicine, Pediatrics, OB/GYN, Behavioral Medicine, Emergency Medicine, Underserved, and Surgery. Students also complete a clinical preceptorship in the area of their choice.

**CRITERIA FOR ADMISSION**

Admission to the PA program is highly competitive and is based on an applicant's overall GPA, science GPA, interview scores, health-care experience, references, GRE score, and written personal statement. Completion of all prerequisites does not guarantee an interview.

Annual application cycle: June 1 through October 1. All application material must be turned in by the October 1st deadline.

**ADMISSION REQUIREMENTS**

1. A minimum of 90 semester hours from an accredited college or university including the prerequisites. All prerequisites must be completed by the end of the spring semester prior to starting the PA Program.
2. A minimum grade-point average of 2.75 on a 4.0 scale for both the overall GPA and the science GPA and a grade of "C" or better in each of the prerequisite courses.
3. Good standing with the college or university last attended
4. A completed application for admission at the University of Oklahoma.
5. Three letters of reference, at least one from a physician or a PA.
6. A one-page typewritten statement on "Why I Want to Become a Physician Assistant".
7. A personal resume that lists all previous job experiences.
8. Completion of the general test component of the GRE. All GRE scores must be received by the PA program by October 1st.

Health-care experience is strongly recommended for the PA program applicant.

Applicants must have completed the following courses prior to the application deadline. Any exceptions or substitutions must be approved by the Physician Assistant Program.

- English Composition - two semesters
- U.S. Government - one semester
- U.S. History - one semester
- Psychology - one semester
- Psychology elective - one semester
- Microbiology - one semester
- Pathogenic Microbiology, Virology, or Immunology - one semester
- Anatomy* - one semester
- Physiology* - one semester
- General Chemistry - two semesters
- General Physics - one semester
- College-level algebra - one semester

*Two semesters of combined anatomy/physiology fulfill separate course requirements.

It is highly recommended that all science courses have a laboratory component. Electives are preferred in the biological, physical, and behavioral sciences and humanities.

**Additional Requirements/Recommendations**

- Bachelor’s Degree BA or BS from a regionally accredited institution is strongly recommended, and preference will be given to those who have completed a bachelor’s degree.
- No more than one science and two non-science prerequisites can be in progress after December 31 of the year prior to enrollment at OU-Tulsa.
- Foreign coursework must be submitted to an approved service for evaluation.

**APPLICATION FOR PA PROGRAM**

Applications should be made directly to the University of Oklahoma Health Sciences Center, Office of Admissions and Records. As soon as the packet has been evaluated and made ready by this office, it will be forwarded to the admissions coordinator of the Physician Assistant program for consideration. Classes begin in early June each year. A maximum of 24 students are accepted to each class. All applications must be completed by October 1st. The application process includes a formal interview for those candidates selected for final consideration.

**DEGREE REQUIREMENTS**

Successful completion of the Physician Assistant Program leads to the Master of Health Sciences degree. Any student who successfully completes all of the courses with a minimum grade of C in all Physician Assistant courses and a minimum grade point average of at least 3.00 on a 4.00 scale may be recommended for graduation by the promotions committee.

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**College of Nursing**

Carole A. Kenner, Dean
1100 N. Stonewall Ave.
Oklahoma City, OK 73117-1297
Phone: (405) 271-2428
Fax: (405) 271-7341
Internet: [http://www.nursing.ouhsc.edu/](http://www.nursing.ouhsc.edu/)

The College of Nursing offers the Bachelor of Science degree in Nursing (BSN), the Master of Science degree with a major in Nursing, and a PhD in Nursing. The traditional undergraduate program offers a 2+2 admission track where students complete two years of prerequisite, college-level courses prior to admission to the College of Nursing where they then complete two years of nursing curriculum. A special track leading to the bachelor’s degree is available to registered nurses with no bachelor’s degree. Licensed vocational nurses who meet admission requirements may earn advanced standing credit toward the bachelor’s degree. Another special track leading to the master’s degree is available for registered nurses with a non-nursing bachelor’s degree. An accelerated BSN track is also available for non-nurses who have a bachelor’s degree in any field, specific prerequisite courses, and a qualifying GPA. Post-master’s Certificate Programs are also offered and the PhD in Nursing is available for those that hold a BSN or MS in Nursing.

**Bachelor of Science in Nursing**

Upon completion of the course requirements the Bachelor of Science in Nursing degree is conferred and the graduate is then eligible to apply to take the examination for licensure as a registered nurse. Graduates of the program are prepared to practice medical-surgical, pediatric, community health, gerontological, maternal-child, or psychiatric-mental health nursing in a variety of health care settings including hospitals, home health agencies, health departments, nursing homes, industry and public schools.

**PREADMISSION ADVISEMENT**

Students are encouraged to establish contact with College of Nursing counselors prior to enrollment in prerequisite course requirements.

Students should contact:
University of Oklahoma College of Nursing
Office of Student Affairs
P.O. Box 26901
Oklahoma City, Oklahoma 73126-0901
Telephone: (405) 271-2428 or call toll free (800) 879-9234.
E-Mail: nursing@ouhsc.edu
Website: [www.nursing.ouhsc.edu](http://www.nursing.ouhsc.edu)

**ADMISSION**

Students pursuing a Bachelor of Science in Nursing degree may attend the University of Oklahoma, Norman campus, during the freshman and sophomore years. Credits required for the first two years may also be transferred from other colleges or universities. Prerequisites include 67 hours of approved coursework in specified courses and electives. All
prerequisite courses must be completed prior to enrollment in nursing courses at the College of Nursing.

The following year-by-year schedule is a sample program of study for the traditional undergraduate program. It is intended as a guide to aid the planning of the student’s program. The sequence of courses can vary in the first two years.

**Required Prerequisite Courses**

The following prerequisite courses or approved substitute courses must be completed with a minimum of C grade (2.00 on a 4.00 scale) or better before a student may enroll in the nursing major courses. Students should contact a College of Nursing counselor to identify courses which are accepted as substitutes for the prerequisite courses.

**PRE-NURSING SAMPLE PREREQUISITE COURSE PLAN**

**FRESHMAN YEAR—First Semester**

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<th>Hours</th>
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<tr>
<td>ENGL 1113</td>
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<tr>
<td>ZOO 1114</td>
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</tr>
<tr>
<td>ZOO 1121</td>
<td>1</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>3</td>
</tr>
<tr>
<td>*MATH 1503 or 1643 (if needed for CHEM 1315)</td>
<td>3</td>
</tr>
<tr>
<td>AHS 1400 (optional)</td>
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<tr>
<td><strong>TOTAL HOURS</strong></td>
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**Second Semester**

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<tr>
<td>*CHEM 1315</td>
<td>5</td>
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<tr>
<td>*PSY 2003 or 2113</td>
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</tr>
<tr>
<td>*PSY 2603</td>
<td>3</td>
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<td>HIST 1483</td>
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**Summer Session**

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<tr>
<td>PSC 1113</td>
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<tr>
<td><strong>TOTAL HOURS</strong></td>
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**SOPHOMORE YEAR—First Semester**

<table>
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<tr>
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<tr>
<td>*ZOO 2124</td>
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<td>HES 2823</td>
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<tr>
<td>Western Civilization (Core Area IV)</td>
<td>3</td>
</tr>
<tr>
<td>General Education (Core Area IV; recommend SOC or ANTH to meet 9 credit hour Soc. Science)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>5</td>
</tr>
<tr>
<td><strong>TOTAL HOURS</strong></td>
<td><strong>15-16</strong></td>
</tr>
</tbody>
</table>

*Courses with prerequisites: consult with adviser.
‡Second foreign language course could be taken in the summer following the sophomore year.

**Application**

Application deadlines vary according to admission track. It is the responsibility of the applicant to supply complete credentials that include:

1. Completed application for admission to the University of Oklahoma Health Sciences Center.
2. Completed College of Nursing Prerequisite Worksheet (undergraduate only).
3. Official transcripts from all colleges and universities attended.
4. Verification of spring enrollment.

Admission is limited; criteria and priorities for undergraduate selection are:

1. Enrollment in or completion of at least 30 semester hours of prerequisite courses at the time the application for admission to the College of Nursing is submitted.
2. A minimum grade of C in all prerequisite courses.
3. A cumulative grade point average of 2.50/4.00 for all prerequisite science coursework including Chemistry, Microbiology, Human Anatomy and Human Physiology.
4. Priority is given to applicants with grade point averages exceeding the 2.50/4.00 cumulative requirement.

**SELECTION PROCESS**

Application materials are screened by the Office of Admissions and Records and forwarded to the College of Nursing Office of Student Affairs. Applications for admission are reviewed and evaluated by the College of Nursing Academic Affairs Committee. The selection committee considers all applicants without discrimination in regard to age, creed, ethnic origin, marital status, race or sex. Students are selected for admission according to academic criteria described in this catalog.

The Office of Admissions and Records notifies each student of the committee’s action. Students are required to respond to an offer of a position or an alternate position by the date specified.

**Accelerated Baccalaureate Degree in Nursing for Second Degree Students**

The College of Nursing offers an accelerated BSN program for students with a bachelor’s degree in any field, appropriate prerequisite coursework and a qualifying GPA. Students in the Accelerated BSN program earn a Bachelor of Science degree in Nursing (BSN) following successful completion of 14 months of full-time study. Graduates of the program are eligible to apply to take the examination for licensure as a registered nurse and are prepared to practice nursing in a variety of settings. They are eligible to continue their studies in the graduate nursing program.

**Career Ladder Program for Registered and Licensed Practical Nurses**

The College of Nursing offers flexible, individualized programs for Registered Nurses and Licensed Practical Nurses who wish to obtain the Bachelor of Science in Nursing degree. Full- or part-time schedules are available and classes are scheduled at hours convenient for the working student. Advanced standing credit for up to 30 hours of nursing courses is available through various validation mechanisms.

**Career Ladder Program for Non-Nursing Health Care Workers**

The College of Nursing offers opportunities for persons with experience in health care (i.e., operating room technicians, emergency medical technicians, medical corpsmen) to complete requirements for the Bachelor of Science in Nursing. Non-nursing health care workers can earn advanced standing credit up to 14 hours of nursing theory courses by successful completion of standardized examinations.

The College of Nursing offers undergraduate and masters level education through a variety of unique programs and campus locations throughout the state of Oklahoma. Interested students should contact a College of Nursing advisor regarding current enrollment opportunities.

The Pre-Nursing Club meets monthly at the OU Norman campus. Interested students should contact Cheryl Laidacker to join at Cheryl-Laidacker@ouhsc.edu.
College of Pharmacy

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The College offers the doctor of pharmacy as the sole entry-level professional degree. The doctor of pharmacy degree program of the University of Oklahoma is accredited by the Accreditation Council for Pharmacy Education. Graduates of the program are qualified to sit for the pharmacist licensure examination in all 50 states.

The doctor of pharmacy curriculum balances the basic sciences, which are fundamental to learning new concepts, and the clinical sciences, which are essential for delivering comprehensive pharmaceutical care. The College strives to educate professionals who understand the need for life-long learning. Offering an excellent student to faculty ratio, the College provides personalized instruction to students in a broad array of professional courses and a number of student professional organizations and an active student government.

The doctor of pharmacy program provides the clinical training and experience required of entry-level positions in all areas of contemporary pharmacy practice. About one-half of the pharmacy graduates today select a career in community pharmacy and one-third practice in hospitals or related health-system agencies. The remaining graduates choose from diverse opportunities in pharmaceutical industry, government, or education. The College currently offers residency opportunities in the following: Ambulatory Care, Cardiovascular Pharmacotherapy, HIV Pharmacotherapy, Internal Medicine, Oncology Pharmacotherapy, Pediatric Pharmacotherapy, Community Pharmacy.

The doctor of pharmacy degree is awarded after successful completion of an approved four year course of professional study following the completion of the preprofessional prerequisites. The prepharmacy requirements may be completed on the Norman campus of the University of Oklahoma or at any other accredited institution offering the required courses. Admission to the professional program is based upon the academic record along with other factors without regard to the institution attended.

The College of Pharmacy also offers the M.S. and Ph.D. degrees in pharmaceutical sciences through the Graduate College. These are research-based programs comparable to graduate degrees in other fields of science, require a thesis/dissertation, and do not qualify graduates for research-based programs comparable to graduate degrees in other fields of science, both human anatomy and physiology and/or have received a bachelor’s degree. In order to be best prepared for pharmacy school, it is highly recommended that applicants complete zoology or general biology, microbiology, and at least either human anatomy or human physiology. Electives can be chosen from these subject areas: fine arts (non-performance based), history, political science, anthropology, humanities, geography, philosophy, literature, social science, behavioral science, foreign language, communications, English. A maximum of six hours in statistics, business or computer science may be counted in the elective hours. Students are expected to have a computer proficiency level at or above basic word processing skills. Students are encouraged to select a diverse set of courses as preference is given to those with a broad-based educational background that includes a diversity component.

APPLICATION PROCEDURE AND ADMISSION REQUIREMENTS
Application for admission to the doctor of pharmacy program requires completion of the Pharmacy Centralized Application Service (PharmCAS) application as well as a supplemental application to the College of Pharmacy. The PharmCAS application may be accessed at http://www.pharmcas.org.

The supplemental application may be accessed through the College of Pharmacy’s Web site at http://pharmacy.ouhsc.edu/pharmdadmission/#supp.

The following are required for admission to the doctor of pharmacy program:
1. Completion of all required prepharmacy courses with a grade of C or above and a minimum preprofessional grade point average (GPA) of 2.5 on a 4.0 scale. Applicants must be in good standing with the college or university last attended.
2. Submission of the PharmCAS and supplemental applications fees by the established deadline dates. It is required that official transcripts from all colleges and universities attended, three letters of recommendation and PCAT and/or TOEFL scores be sent directly to PharmCAS. An application is considered incomplete if either the PharmCAS or supplemental application is not submitted by the deadline. These fees can not be waived.
3. Completion of the Pharmacy College Admission Test (PCAT). Additionally, individuals for whom English is a second language must obtain a TOEFL score of 550 paper-based or 79 internet-based. Applicants are required to sit for these examinations prior to the application due date to provide the necessary information to the Admissions Committee in a timely manner.
4. Completion of a personal interview. Interviews are by invitation only. This invitation to interview does not imply acceptance for admission and all expenses are the responsibility of the applicant.
Admission to the doctor of pharmacy program is on a competitive basis and a class of approximately 140 students is admitted for each fall semester. The deadline for application is November 1 of the year prior to admission. All admission documents should be submitted by this deadline. Applicants should be scheduled to complete all required prepharmacy courses by June 1 of the admission year. Residents of Oklahoma will receive some preference in the selection process but all qualified candidates are encouraged to apply. Applicants who have completed all admissions requirements and interviews are generally advised of their admission status in April of the admission year.

STUDENTS WITH A PRIOR DEGREE

An increasing number of students admitted to the College of Pharmacy have earned a prior degree in another discipline. Individuals with a recent degree in science usually have fulfilled most of the prepharmacy requirements. Those who have been out of school for more than several years, or who have degrees in nonscience areas, generally require some current courses in science and/or mathematics to prepare for the professional curriculum. Individuals who have completed or are currently completing another degree and are interested in pharmacy are invited to contact the College of Pharmacy to discuss prerequisite requirements. The prepharmacy adviser will provide advice on an appropriate program of study as well as career options open to individuals with other degrees.

GRADUATION REQUIREMENTS

The doctor of pharmacy degree is a four-year professional degree. Successful completion will require 140 credit hours. The doctor of pharmacy degree is awarded after successful completion of the curricular requirements with a minimum cumulative grade point average of 2.0 out of a possible 4.0.

CAREER OPPORTUNITIES

Pharmacy provides a diversity of career options and affords the individual the opportunity to attain personal goals while achieving professional satisfaction. Career opportunities are expected to remain strong for graduates as pharmacists move into innovative and rewarding roles within the changing health care arena. The increasing numbers of elderly and the more culturally diverse population will require more highly skilled pharmacists to provide the care and services necessary to meet society’s health care needs. Pharmacists will continue to participate in the scientific advances and development of new and novel drug products and delivery systems for the prevention, diagnosis and treatment of disease. They will also be essential partners with well-informed patients and other health professionals who require detailed information about the proper use and management of drug therapy. The increasing severity of the typical patient’s illness in acute care settings coupled with the major strides in drug development, is likely to heighten the demands placed on clinically trained pharmacists in all health care settings.

The career outlook for pharmacists is excellent. Salaries for pharmacy graduates are influenced by location, size, and type of employer; the education and professional attributes of the pharmacist; and position requirements and responsibilities. Graduates also have a number of postgraduate training and education opportunities available to them to develop the skills necessary to enter advanced practice positions and environments. Whatever career track is selected by a pharmacy graduate, the University of Oklahoma College of Pharmacy provides the educational excellence necessary to attain this goal. Additional information on the doctor of pharmacy program is available from the Office of Pharmacy Student Affairs at (405) 271-6598 or (918) 660-3572.

College of Public Health

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The OU College of Public Health is one of only 40 accredited schools of public health in the United States and the only school of public health in Oklahoma.

PROGRAMS OFFERED

A multi-disciplinary faculty prepares students for public health practice in five core areas: biostatistics, epidemiology, health administration and policy, health promotion sciences and occupational and environmental health as well as two specialty areas, general public health and public health preparedness and terrorism response.

Professional degrees offered by the College are the Masters of Public Health (MPH), the Master of Health Administration (MHA), and the Doctor of Public Health (DrPH). Graduate degrees offered are the Master of Science (MS) and the Doctor of Philosophy (PhD). The College also offers a professional certificate in public health targeted toward those who can benefit from formal public health instruction, but for whom the MPH degree is either not desirable or necessary for their career trajectory.

The College conducts classes at the OU Health Sciences Center in Oklahoma City and some courses at the Schusterman Academic Center in Tulsa.

ADMISSION

Students pursuing a degree in public health come with diverse backgrounds including natural or health sciences, business and social sciences. Requirements for admission include:

- a bachelor’s or higher degree from an accredited college or university;
- a grade point average of 3.0 in the last 60 hours of coursework;
- three references supporting scholastic and leadership abilities; and
- a career goal statement.

The GRE is required of all Ph.D. applicants. Applicants to the MS degree programs in environmental health science, industrial hygiene, and the dual-track environmental health science/industrial hygiene program are required to submit GRE scores. MHA applicants with a grade point average below 3.5 must submit either a GRE or GMAT score.

Academic Departments

BIOSTATISTICS AND EPIDEMIOLOGY

Degrees offered: Master of Science, Master of Public Health, Doctor of Philosophy. In addition, a Bachelor of Science/Master of Science degree (BS/MS) is offered for undergraduate students who wish to earn both a bachelor’s degree in mathematics and a master’s degree in biostatistics within four to five years.

Areas of Research: Tobacco use prevention; cancer epidemiology; cardiovascular disease epidemiology; clinical trials; maternal and child health; outcomes research/decision making; infectious disease epidemiology; neurological diseases in children; diabetes; bioinformatics; evaluation of statistical techniques.

HEALTH ADMINISTRATION AND POLICY

Degrees Offered: Master of Health Administration, Master of Public Health, and the Master of Public Health/Juris Doctor. The Master of Health Administration program is accredited by the Accrediting Commission on Education for Health Services Administration (ACEHSA).
Areas of Research: Health management; quality; economics; health law; public policy; public health; health care systems.

HEALTH PROMOTION SCIENCES


Areas of Research: American Indian health issues; minority health/health disparities; program evaluation; gerontology; physical activity, nutrition, obesity; adolescent health.

OCCUPATIONAL AND ENVIRONMENTAL HEALTH

Degrees Offered: Master of Science, Master of Public Health, Doctor of Philosophy. The Master of Science degree programs in industrial hygiene and the dual-track environmental health science/industrial hygiene are accredited by the Applied Science Accreditation Commission (ASAC) of the Accreditation Board for Engineering and Technology (ABET).

Areas of Research: Biomedical waste management; health effects of occupational exposure; aerosol science; occupational epidemiology; air pollution; food borne disease prevention.

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Graduate College

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e-mail: grad-college@ouhsc.edu

The Graduate College is the center of research, advanced study and creative and scholarly work at the University of Oklahoma Health Sciences Center. The OUHSC Graduate College is committed to training the next generation of biomedical researchers who will identify the basis of human diseases and develop the means to translate these findings into clinical applications to treat disease. The Graduate College grants Master of Science (M.S) and Doctor of Philosophy (Ph.D) degrees and is home to approximately 600 students enrolled in 35 nationally and internationally recognized research-based programs housed in graduate departments located in all colleges on the OUHSC campus: Allied Health, Dentistry, Medicine, Nursing, Pharmacy and Public Health. The Health Sciences Center campus in Tulsa offers graduate courses in nursing, public health, allied health and pharmacy.

The college is designed to produce the environment essential to a graduate education. The principal goals of its graduate faculty are the encouragement and development of advanced intellectual achievement, scholarship, and research. The OUHSC College offers the M.S. and Ph.D. degrees in Audiology and Speech-Language Pathology, Biostatistics and Epidemiology, Dental Public Health, Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Physician Assistant Science. A medical degree in Biomedical Research, Biomedical Sciences, and Biomedical Sciences/Pharmacology is also available.

The objective of the Department of Biostatistics and Epidemiology is to unite an interdisciplinary training and research program for persons grounded in natural, physical and health sciences in order to develop an understanding of human response to the environment as well as the response of the environment to the activities of humans. The Department of Biostatistics and Epidemiology offers M.S. and Ph.D. degrees and is home to approximately 100 students enrolled in 35 nationally and internationally recognized research-based programs housed in graduate departments located in all colleges on the OUHSC campus: Allied Health, Dentistry, Medicine, Nursing, Pharmacy and Public Health. The Health Sciences Center campus in Tulsa offers graduate courses in nursing, public health, allied health and pharmacy.

Areas of Research: Biomedical waste management; health effects of occupational exposure; aerosol science; occupational epidemiology; air pollution; food borne disease prevention.

Medical Dosimetry. The M.S. degree in Nutritional Sciences is offered through the Department of Nutritional Sciences, and the M.S. in Rehabilitation Sciences degree is available through the Department of Rehabilitation Sciences. An M.S. degree in Speech-Language Pathology and Ph.D. degrees in Audiology and Speech-Language Pathology is offered through the Department of Communication Sciences and Disorders.

The biomedical sciences programs provide an opportunity for in-depth study and research in biological and behavioral sciences. Graduate Programs in Biomedical Sciences (GPBS) is an interdisciplinary Ph.D. program which combines the expertise of faculty from seven participating departments and programs: Biochemistry and Molecular Biology, Cell Biology, Microbiology and Immunology, Neuroscience, Pathology, Pharmacology and Toxicology, and Physiology. In the area of Biological Psychology and Radiological Sciences M.S. and Ph.D. degrees are available. A medical sciences option for these programs which has a concentration in one of the basic medical sciences is also available.

Through the College of Pharmacy, the Graduate College offers both M.S. and Ph.D. degrees in the pharmaceutical sciences. Students may select from one of the following major areas of specialization in pharmaceutical science: nuclear pharmacy, pharmacology/toxicology, and pharmacy administration.

Through the College of Public Health, the Graduate College offers programs leading to M.S. and Ph.D. degrees. The graduate programs include: biostatistics and epidemiology; health administrations and policy, occupational and environmental health, and health promotion sciences. The Department of Biostatistics and Epidemiology has two main objectives: 1) teach the concepts of biostatistics and epidemiology essential to all students in the health sciences, and 2) educate masters and doctoral students who are pursuing specialization in the fields of biostatistics or epidemiology.

The Department of Health Administration and Policy educates graduate students for careers in health services management. Students are provided advanced skills for senior management and leadership positions. The objective of the Department of Occupational and Environmental Health is to unite an interdisciplinary training and research program for persons grounded in natural, physical and health sciences in order to develop an understanding of human response to the environment as well as the response of the environment to the activities of humans. The Department of Health Promotion Sciences prepares public health professionals for leadership roles in the development, promotion and application of social and behavioral science and educational theory as well as methods for solving community health problems.

The Graduate College hosts a master’s of science degree in Clinical Translational Science. The goal of the interdisciplinary program is to prepare health professionals to become competent in the methodological foundations and conduct of clinical and translational research. The target audience includes junior faculty, residents and fellows with a professional doctorate degree, including the Doctor of Medicine, Doctor of Dental Surgery, Doctor of Pharmacy, Doctor of Nursing, Doctor of Physical Therapy, or Doctor of Rehabilitation Sciences who are interested in becoming independent clinical and translational researchers.

In the patient care arena, graduate degrees are offered in dental sciences and nursing. The dental sciences program includes specialization in orthodontics and periodontics. Both M.S. and Ph.D. degrees are offered in nursing. Dental science graduate students are prepared to manage a full range of patient care problems within the chosen specialty area. The goal of the M.S. degree in nursing is to develop the advanced nursing competency necessary for professional leadership roles in nursing. The PhD program in Nursing is designed to prepare nurse scholars to advance the science, art and practice of the discipline.

Accredited by the North Central Association of Colleges and Secondary Schools, the Graduate College is a member of the Council of Graduate Schools. In addition, several specific graduate degree programs are accredited by their respective professional and accrediting agencies.

If your career and educational goals encompass one or more of the health-related areas, you should consider seeking a graduate degree at the OUHSC Health Sciences Center. For more information, see the Graduate College webpages at www.ouhsc.edu/graduate, contact the Graduate College at 405-271-2085 or at:
Areas and Degrees Offered

ALLIED HEALTH SCIENCES

Degrees offered: Master of Science, Doctor of Philosophy

The Doctor of Philosophy degree program in Allied Health Sciences is interdisciplinary and designed to promote knowledge across disciplines and informed collaboration among disciplines. The individualized program is designed to meet each student's educational goals. Graduate courses from any of the departments within the College of Allied Health, the Health Sciences Center campus, or the Norman campus may be selected as a part of a student's individualized program. Graduates of the program will be prepared to assume leadership roles in research, education, public policy, and administration of health services. A Master of Science degree program in Allied Health Sciences with a specialization in medical dosimetry is also available. This program is designed for individuals who have a baccalaureate degree and certification as a radiation therapist. Graduates will be prepared to practice medical dosimetry as well as to function as a contributing member of the ever changing health care industry.

BIOCHEMISTRY AND MOLECULAR BIOLOGY

Degrees Offered: Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

Our research-intensive doctoral program is designed to prepare students for successful careers as independent scientists in academic research, biotechnology and pharmaceutical industries, health and biomedical science management or teaching. Our recently redesigned master's program also is research-based, and includes coursework designed to provide enhanced education opportunities for students who wish to extend their knowledge, experience and opportunities for advancement in research laboratories at universities, research institutes or biotechnology companies. The curriculum, separate from that of the doctoral program, emphasizes understanding of research procedures as well as development of technical and problem-solving skills.

BIOSTATISTICS AND EPIDEMIOLOGY

Degrees Offered: Master of Science, Doctor of Philosophy.

The Department of Biostatistics and Epidemiology has two main objectives: 1) teach the concepts of biostatistics and epidemiology essential to all students in the health sciences, and 2) educate master's and doctoral students who are pursuing specialization in the fields of biostatistics or epidemiology. Although the department functions as a single administrative unit, it includes two distinct disciplines: biostatistics and epidemiology. A student may work toward a master’s or doctoral degree in either discipline, depending on his or her interests and background. Each discipline has a different set of required courses; however, there is some flexibility in the program to allow each student to develop his or her strengths and interests through elective courses.

Areas of Research: Epidemiology: early detection, prevention, and control of cancer; renal disease; childhood diseases; cardiovascular disease; neurological disease; hemorrhage; diabetes mellitus; deep vein thrombosis; eye diseases; and partner's violence. Research is being conducted in molecular/genetic epi and stat, social epidemiology, quality assurance and treatment efficiencies, logistic/multiple linear regression, epidemiology methods, teaching methods, experimental design, confidence intervals, clinical outcomes research, survey sampling methods, analysis of variance, non-parametric categorical data analysis, survival data analysis, and evaluation methods.

CELL BIOLOGY

Degrees offered: Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

The interdisciplinary nature of the Cell Biology graduate program provides students with the breadth of knowledge and technical acumen that is highly sought in today’s competitive job market. Graduates from the Cell Biology program have numerous exciting career opportunities in academia, industry, government and the private sector. To fulfill students' specialized needs and interests, the department offers advanced courses taught by faculty whose expertise is closely related to the contents of the course work. Students may also choose curricula that emphasize anatomical or pharmacological studies.

Areas of Research: Cell biology of connective tissue; reproductive biology and neuroendocrinology; cell biology of the nervous system; development and plasticity of central nervous system motor areas; sprouting and plasticity in the nervous system; developmental processes related to regeneration and determinants of cell growth and differentiation; molecular biology of the retina; pharmacology of the nervous system; mechanisms of cell signaling.

CLINICAL TRANSLATIONAL SCIENCE

Degrees offered: Master of Science

The target audience includes junior faculty, residents and fellows with a professional doctorate degree, including the Doctor of Medicine, Doctor of Dental Surgery, Doctor of Pharmacy, Doctor of Nursing, Doctor of Physical Therapy, or Doctor of Rehabilitation Sciences who are interested in becoming independent clinical and translational researchers.

Areas of Research: Discipline specific.

COMMUNICATION SCIENCES AND DISORDERS

Degrees offered: Master of Science, Doctor of Philosophy

The Department of Communication Sciences and Disorders offers the following degrees through the Graduate College: The Master of Science (M.S.) degree in speech-language pathology (with or without a thesis) and the Doctor of Philosophy (Ph.D.) degree in audiology and speech-language pathology. Service programs operated by the department provide primary practicum sites for educating audiologists and speech-language pathologists. Graduates of the program in both speech-language pathology and audiology have found employment in a variety of settings. Department of Labor projections indicate continued favorable employment status for both professions through 2010.

Areas of Research: Ongoing psycho-acoustic, electrophysiological, psychophysical, and physiological research in audiology and speech-language pathology places emphasis on both clinical and basic science areas. Up-to-date and comprehensive instrumentation is available for air pressure and flow measurements, event-related potentials, neuroimaging, physiological analysis of phonation and resonance, language acquisition and use, stimulus programming, signal conditioning and calibration, electroacoustic measure and analysis, data acquisition, recording, retrieval, and readout. Active faculty research programs span a variety of sub-disciplines: voice and its disorders, articulation and phonological disorders, developmental language and its disorders, normal neurolinguistic processing, acquired neurolinguistic disorders in children and adults, pediatric audiology, hearing aids, psychoacoustics, and neurophysiology.

GENETIC COUNSELING

Degrees Offered: Master of Science

The Master of Science in Genetic Counseling is centered in the Department of Pediatrics of the College of Medicine, but involves close collaboration with other departments in the College of Medicine, the College of Public Health, and the Oklahoma Medical Research Foundation. The overall objective of the program is to educate and train master level candidates to become capable of providing genetic counseling to patients and families with known or suspected genetic conditions and to perform basic and or clinical research in all areas of genetics.
THE UNIVERSITY OF OKLAHOMA 2009-2011 GENERAL CATALOG

HEALTH ADMINISTRATION AND POLICY

Degrees Offered: Master of Health Administration, Master of Public Health, Doctor of Philosophy

The Department of Health Administration and Policy seeks to improve the efficiency and effectiveness of health care and public health services, particularly in Oklahoma and the region served by the College of Public Health. Toward that end, the department educates graduate students for careers in health services management. Students are provided advanced skills for senior management and leadership positions. It also provides a special focus on policy analysis and planning, implementing, and evaluating programs in public and private health-related organizations and systems. The department works in concert with the Center for Health Policy, conducting health services research and policy analysis, and disseminating the resulting knowledge to health professionals, policy analysts and public officials. The department's programs are designed to accommodate working students who are seeking skills and knowledge for career enhancement or change as well as students who can pursue degrees on a full-time basis.

Areas of Research: Health administration and policy, health services management, policy analysis and planning, health program evaluation.

HEALTH PROMOTION SCIENCES

Degrees Offered: Master of Science, Doctor of Philosophy

The Department of Health Promotion Sciences prepares public health professionals for leadership roles in the development, promotion and application of social and behavioral science and educational theory as well as methods for solving community health problems. Courses and degree programs are directed toward two groups of students: those who wish to pursue a graduate degree in the field, and those disciplines who seek supporting knowledge in the field. Concentration of graduate and professional studies in the Department of Health Promotion Sciences may lead to a Master of Science or Doctor of Philosophy degree.

Areas of Research: Health education and health promotion; community approaches to health promotion; strengthening community and organization approaches to health promotion; health of school-age children and adolescents; health of Native Americans; and health education of the elderly and special populations such as persons with disabilities and minority groups.

MICROBIOLOGY AND IMMUNOLOGY

Degrees Offered: Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

The graduate programs of the department are designed to prepare students for careers in academic and research areas of microbiology and immunology. The department offers graduate programs leading to doctoral degrees. Individual programs of study and research are tailored to student needs by an advisory committee. Programs are based upon a curriculum designed to provide a solid scientific background with courses chosen from this department as well as other departments within the University. Students in other departments may minor in Medical Microbiology and Immunology. Graduates leave with a sound background in pathogenic bacteriology, mycology, virology, bacterial metabolism, microbial genetics, immunology, and molecular biology.

Areas of Research: Molecular pathogenesis of staphylococci and streptococci; genetics and regulation of extracellular virulence factor genes; host resistance mechanisms and molecular pathogenesis of Cryptococcus; murine and human hybridoma technology; viral pathogenesis; molecular biology of microbial toxins; bacterial iron acquisition mechanisms; role of complement receptors in autoimmune and immunodeficiency diseases; the molecular basis of MHC Class I polymorphisms; HIV infected cell at a molecular and immunological level; non-human primate models for vaccination studies with bacterial, viral and tumor vaccines; and molecular biology of lyme disease pathogenesis.

NEUROSCIENCE

Degrees offered: Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

The graduate program in Neuroscience emphasizes a multidisciplinary approach to understand the structure and function of the normal and diseased nervous system. The diversity of research represented in this program spans three focus areas: molecular neuroscience, systems neurobiology, and functional neuroscience. Molecular neuroscience involves biochemical investigations at the cellular and molecular levels and includes studies on neurotransmitter systems, pharmacology of neurotransmission, interactions of drugs with receptors, molecular biology of neurological disease, and mechanisms of signal transduction. Systems neurobiology encompasses studies of multi-neuronal networks that range from small ensembles to neural circuitry underlying the control of cardiac and respiratory function, endocrine function and pain mechanisms. Functional neuroscience includes the disciplines of neurology, biological psychology and behavioral neuroscience. Students in the graduate program in Neuroscience are exposed to all three focus areas, providing a strong interdisciplinary foundation on which to build comprehensive and innovative research programs.

NURSING

Degrees offered: Master of Science with a major in nursing, Post-Master’s Nurse Practitioner Certificate, Doctor of Philosophy


NUTRITIONAL SCIENCES

Degrees offered: Master of Science

The graduate program in the Department of Nutritional Sciences is a flexible program whose primary goal is to provide advanced education, training and research to selected students desiring to develop mastery in an area of nutrition. Those students accepted into the graduate program, as part of a DPD Program (Didactic Program in Diets) have the option of taking course work that will prepare them for a supervised practice experience, which is a requirement for registration-eligibility with the American Dietetic Association. Graduates of the program may be employed in public health settings, hospitals, clinics, local/state/federal government agencies, wellness centers, private practice, food companies, universities (teaching and research), private industry, and other areas.

Areas of Research: Protein-energy malnutrition, nutrition and growth, obesity; nutrition in women’s health; nutrition and the physically disabled; interactions of carbohydrates, minerals and sex hormones in bone metabolism and nephrocalcinosis; nutrient intake and immune function in AIDS; nutrition and cancer, computer software and dietary assessment; nutrition and cardiovascular disease; dietetic education; sports nutrition and food science.

OCCUPATIONAL AND ENVIRONMENTAL HEALTH

Degrees offered: Master of Science, Doctor of Philosophy

The objective of the Department of Occupational and Environmental Health is to unite an interdisciplinary training and research program for persons grounded in natural, physical and health sciences in order to develop an understanding of human response to the environment as well as the resultant use of the environment to the activities of humans. Toward this end, the department has developed flexible and diversified programs of graduate study, field training, and basic and applied research to accommodate students with a wide range of academic and occupational backgrounds. Areas of study include Industrial Hygiene (ABET-accredited), Environmental Management, and the interdisciplinary Environmental Management and Industrial Hygiene program (also ABET-accredited), leading to the Master of Science, Master of Public Health, Doctor of Philosophy, and Doctor of Public Health degrees. Programs in Occupational Medicine for physicians and physician assistants lead to the Master of Public Health degree. Most courses are offered in the late afternoon and evening format for the convenience of practicing professionals.

Areas of Research: Occupational medicine, industrial hygiene, environmental epidemiology/toxicology; environmental management.
ORTHODONTICS

**Degrees Offered:** Master of Science

To meet the need for patient care and research in the field of orthodontics, a graduate program in this dental specialty was established in 1981. The program prepares dental graduates to manage the full range of dentofacial discrepancies which fall within the responsibility of the orthodontist. Current knowledge and research findings are applied to patient care in all age groups. A thesis is required. The degree awarded is a Master of Science in Dental Sciences, with orthodontics as the area of specialization.

**Areas of Research:** Growth, development and function of the stomatognathic system; balance or imbalance of dental occlusion; temporomandibular joint dysfunction, materials relevant to orthodontic practice, biologic tissue response, and physical or social adjustment of patients.

PATHOLOGY

**Degrees Offered:** Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

Pathology is a bridging discipline involving both basic and clinical research. It is the study of molecular, cellular and tissue responses to disease. With a training focused on modern molecular, immunologic, biochemical and genetic tools to uncover the mechanisms of the disease process, the graduate program is designed to prepare individuals for careers in biomedical research. Graduate study in experimental pathology emphasizes hypothesis-driven research using cutting-edge research approaches that would lead to the development of independent new investigators.

**Areas of Research:** Immuno-, molecular and vascular pathobiology, human and experimental renal pathology, gene expression, hemostasis, neutrophil function, lymphoproliferative diseases, blood-brain barrier systems, endotoxic shock, wound healing, biochemistry, development, tumor biology, and neuropathology.

PERIODONTICS

**Degrees Offered:** Master of Science

The Master of Science program is an accredited three-year experience, directed toward providing opportunities for the development of expert clinicians and teachers who have a background of comprehensive clinical experience, current basic science knowledge relevant to dentistry, and research methodology. Completion of the 36-month program leads to the Master of Science degree in Periodontics awarded by the Graduate College. A thesis based on an investigative project is required of each candidate. Additionally, a certificate is issued to designate a proficiency in periodontics.

**Areas of Research:** Includes the systemic and local etiologic factors in the development of periodontal diseases, and the prevention and treatment of these diseases.

PHARMACEUTICAL SCIENCES

**Degrees Offered:** Master of Science, Pharm.D./Master of Science, Doctor of Philosophy

The Department of Graduate Pharmaceutical Sciences offers graduate degree programs leading to both the Master of Science and Doctor of Philosophy degrees. These degree programs are designed to prepare scientists-educators-practitioners for careers in pharmaceutical education, research, industry and related areas of specialized practice. Pharmaceutical sciences graduate students may choose one of six major areas of specialization; individual programs of study and research projects within each of these areas are quite diverse because of interdisciplinary activities of the department.

**Areas of Research:** Medicinal chemistry; nuclear pharmacy; pharmacology/toxicology; pharmaceutics; and pharmacy administration. Research is supported by the National Institutes of Health, Department of Defense, pharmaceutical industry, and private foundations. Graduate students are expected to demonstrate an ever-increasing ability to independently identify and resolve significant problems in their area of specialization.

PHYSIOLOGY

**Degrees offered:** Master of Science, Doctor of Philosophy, M.D./Ph.D.: Medicine/Doctor of Philosophy

The Physiology graduate program provides comprehensive training in integrative sciences incorporating the tools and techniques of physiology with other disciplines to conduct research at the molecular, cellular, organ, and whole animal levels. The doctoral program prepares students for academic careers involving research and teaching as well as other careers where physiological training is required. The master’s program is designed to strengthen the credentials of teachers and health professionals.

**Areas of Research:** Cellular, molecular, cardiovascular, exercise, and fetal/maternal physiology; regulatory mechanisms influencing cardiopulmonary function and pain transmission; neuroendocrinology/physiology; muscle biochemistry; and epithelial transport. In addition, there is a specialty non-thesis M.S. program in exercise physiology.

RADIOLOGICAL SCIENCES

**Degrees Offered:** Master of Science, Doctor of Philosophy

The graduate programs of the department provide the educational background for the profession of Medical Radiation Physics, which applies physics to the medical specialties of radiation therapy, diagnostic radiology, nuclear medicine, ultrasound, computed tomography, and magnetic resonance imaging. Potential students are encouraged to correspond directly with the graduate liaison to obtain descriptive information on the profession of Medical Radiation Physics and the department's master’s and doctoral programs.

**Areas of Research:** diagnostic radiology, therapeutic radiology, nuclear medicine, magnetic resonance imaging, and ultrasound. Current emphasis is placed on pattern recognition, observer performance, medical decision-making, radiation therapy treatment planning, image processing, computer applications in the radiological sciences, dosimetry with thermoluminescent materials, radioactive isotopes, diagnostic ultrasound, Roentgen diagnosis, computed tomography, quality control in radiology, and radiobiology.

REHABILITATION SCIENCES

**Degrees offered:** Master of Science

The Master of Science (M.S.) degree in Rehabilitation Sciences is designed to provide physical therapists and occupational therapists an opportunity to achieve a level of academic accomplishment that will allow them to address complex issues of professional practice through: (1) improving their clinical and basic science knowledge; (2) acquiring in-depth theoretical knowledge in an area of specialization; and (3) developing clinical research competence. As the program objectives are being met, a flexible curriculum enables learners to pursue individual interests and goals and to acquire the background necessary for doctoral program entry in physical therapy, occupational therapy or related disciplines. The master’s program is organized into two areas of disciplinary specialization: musculoskeletal rehabilitation and neurological rehabilitation. Within these areas of specialization, the student may choose orthopedics, sports physical therapy, geriatrics, or pediatrics as an area of emphasis.

**Areas of Research:** The post-professional Master of Science degree program in Rehabilitation Sciences is designed for physical therapists, occupational therapists and others in closely related disciplines. The program is designed to permit students to build upon their professional disciplines and to follow individualized plans of study according to their future goals and past experiences. The program provides opportunities for students to develop as clinical specialists, clinical researchers, and/or faculty members. With an interdisciplinary approach to the core and cognate areas of the curriculum, the program allows students to supplement advanced information offered in the chosen areas of specialization with knowledge gained in graduate courses taught by faculty throughout the university. The program offers specialization in orthopedics, pediatrics, and sports medicine.