

# COLLEGE OF HEALTH PROFESSIONS

**Rumaldo Z. Juarez, Ph.D., Dean**  
**Ruth B. Welborn, Ph.D., Associate Dean**

## **Department/Program Chairs**

Clinical Laboratory Science.....David Falleur, M.Ed.  
 Communication Disorders .....Richard Mallard, Ph.D.  
 Health Administration .....Wayne Sorensen, Ph.D.  
 Health Information  
     Management .....Sue Biedermann, M.S.H.P.  
 Health Services and Research .....Charles Johnson, Ph.D.  
 Physical Therapy .....Barbara Sanders, Ph.D.  
 Radiation Therapy .....Ronnie Lozano, M.S.R.S., R.T.(T)  
 Respiratory Care. ....Cade Harkins, M.S.H.P.  
 Social Work .....Karen Brown, Ph.D.

## COLLEGE OF HEALTH PROFESSIONS

The College of Health Professions prepares students for careers in the health care field and social work. Through its professional, technical, clinical and academic programs, the college serves as an advocate for change and technical improvement in the field. The college also serves as a catalyst to expand and improve public perceptions of health care in the community.

Undergraduate programs are available in clinical laboratory science, communication disorders, healthcare administration, health information management, long term health care administration, radiation therapy, respiratory care and social work. Graduate programs are offered in allied health research, communication disorders, health care administration, healthcare human resources, physical therapy and social work. The college also includes the Health Resource Center, a separate unit which offers continuing education programs, the Institute for Quality Improvement in Long Term Health Care and the Walter H. Richter Institute of Social Work Research. The college has a number of cooperating teaching sites and more than 600 affiliations with hospital and other healthcare facilities. For more information, call (512) 245-3300 or visit the office of the dean in the Health Science Center.

A number of programs offered in the College of Health Professions have specific admission requirements in addition to the university admission requirements. Most programs also have requirements for student liability insurance and immunizations. For specific information on these requirements, please see the individual department section of the catalog.

### College of Health Professions Academic Advising Center

The mission of the College of Health Professions Academic Advising Center is to provide academic advising which supports undergraduate students seeking admission to a health professions program offered in the College of Health Professions. Academic advising is also available for students interested in nursing, occupational therapy, and physical therapy. The Center also prepares degree outlines and degree summaries for all students in the College of Health Professions and in coordination with the Dean's Office, verifies graduation. The Advising Center is located in Room 201 of the Health Science Center. For more information, call (512) 245-3506 or visit our homepage at <http://www.health.swt.edu>.

## Clinical Laboratory Science Program

*Program Chair and Associate Professor-Falleur. Associate Professor-Kostroun. Medical Advisor-Young. Clinical Faculty-Aranda, Ballard, Bar, Batiste, Bordano, Boriack, Brooks, Burkland, Callaway, Cassel, Champion, Christian, Crawford, Cuellar, Dehner, Dennis, Dobes, Erb, Finney, Fisk, Fitzhugh, Fletcher-Bohrer, Flowers, Frakes, Garcia, F. Garza, M. Garza, Geltz, Grossman, Guajardo, Gunnllaugsson, Hardee, Harris, Horton, Howard, LeBourgeois, Kinlund, Knight, Laney, Leggett, Light, McCarty, McCurry, Miera, Moore, Muraida, Murphy, Nokes, Pfeffer, Reynolds, Riojas, Saegert, Sotak, Stall, Stratton, Tamez, White, Worley, Yantis, Zanon.*

### Liability Insurance

1. Students who participate in the internship portions of the Clinical Laboratory Science program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the program office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the program office.

### Clinical Laboratory Science Program

The clinical laboratory science program prepares students to function as clinical laboratory scientists or medical technologists in a wide variety of settings from physician office laboratories to modern tertiary care hospital laboratories. The clinical laboratory scientist can become an indispensable top-level laboratory worker, a supervisor, a specialist, a researcher, or an educator.

The fourth year of the program is 13 months in length and includes clinical study in laboratories affiliated with the university and advanced academic study in the clinical laboratory science disciplines.

The clinical laboratory science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences. Graduates of the program are eligible to take the national certification examination given by the Board of Registry of the American Society of Clinical Pathologists and/or the National Certification Agency.

### Admission Process

Students are selected in the spring semester of their junior year for the senior year. Because of the limited number of students that can be accepted for the senior year, students are encouraged to maintain an overall grade-point average above 2.50. Acceptance into the university and declaration as a clinical laboratory science major does not imply that the student will be accepted for the senior year. The criteria for student selection for the senior year includes scholastic ability, particularly in the sciences, letters of reference, and a personal interview, and not on the basis of sex, gender, race, color, religion, veteran status or condition of disability, or national origin.

Applications for senior year must be submitted by March 1. Applicants will be notified of their status by May 31.

**Bachelor of Science in Clinical Laboratory Science  
Major in Clinical Laboratory Science  
(Minimum required: 141 semester hours)**

**Freshman Year**

Biology 1430, 1431 .....	8
Chemistry 1341, 1141, 1342, 1142 .....	8
Communication 1310.....	3
English 1310, 1320.....	6
University Seminar 1100.....	1
History 1310, 1320 .....	6
Phy. Fitness/Wellness (2 activities) .....	2
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**Sophomore Year**

Biology 2430, 2440 or 2400 .....	8
Chemistry 2130, 2330, 2450.....	8
English (Literature)*.....	3
Health Information Mgt 2360 .....	3
Mathematics 1315 .....	3
Philosophy 1305.....	3
Political Science 2310, 2320 .....	6
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**Junior Year**

Art, Dance, Music, or Theatre 2313 ...	3
Computer Science 1308 .....	3
Health Professions 3302 .....	3
CLS 3305, 3410.....	7
CLS 3323, 3412, 4424.....	11
Social Science*.....	3
Elective.....	3
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**Senior Year**

CLS 4322, 4326.....	6
CLS 4227, 4418, 4440, 4460 .....	14
CLS 4340, 4463, 4470.....	11
CLS 4225, 4361, 4464.....	9
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\*See General Education core curriculum requirements.

NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of foreign language.

**Courses in Clinical Laboratory Science (CLS)**

**3305 Introduction to Clinical Laboratory Techniques. (2-3)** Clinical Laboratory Science students will be introduced to techniques, procedures, and instrumentation commonly used in clinical laboratories.

**3323 Clinical Microscopy and Analysis of Body Fluids. (2-3)** Study of body fluids present in the various anatomical compartments of the body as they differ in health and disease. Physical and chemical tests, and microscopic examination of select body fluids are performed.

**3410 Clinical Chemistry I. (3-6)** Designed to acquaint the clinical laboratory science student with some of the concepts, techniques, procedures, and instrumentation used in clinical chemistry.

**3412 Hematology/Coagulation I. (3-4)** Qualitative and quantitative evaluation of formed elements of the blood and studies in coagulation abnormalities. Prerequisites: Biology 2340, 2350, or 2430.

(WI) **4225 Laboratory Management and Supervision. (2-0)** Lectures and discussions of general principles of management and supervision of the clinical laboratory and its personnel.

(WI) **4227 Introduction to Clinical Practice. (2-0)** Discussion of professional and technical requirements for clinical laboratory science students and their role and responsibilities as a unit of the health care team.

**4321 Directed Study in Clinical Laboratory Science. (2-6)** An indepth study of a narrow range of topics or a related problem in the clinical laboratory sciences. Topics to be announced; may be repeated for credit when topics vary.

(WI) **4322 Computer Applications in Clinical Laboratory Operations, Management and Research. (2-3)** Study of clinical laboratory computer systems and programs utilized in quality assurance, data management and statistical analysis.

**4326 Medical Parasitology. (2-3)** Lecture and laboratory instruction in medically important parasites producing disease in humans with emphasis on epidemiology, life cycles, identifying characteristics, and pathology of these parasites.

**4340 Clinical Microbiology II. (2-3)** Study of medically important fungi, viruses, chlamydiae, rickettsiae, and advanced topics in clinical microbiology. Automated identification of microorganisms, database management, and epidemiologic techniques will be discussed.

(WI) **4361 Clinical Laboratory Science Research. (1-6)** Directed independent research covering the principles of research and development of clinical laboratory methodology. (Capstone Course)

**4418 Hematology/Coagulation II. (3-3)** In-depth study of theoretical and practical aspects of clinical hematology and hemostasis with emphasis on principles, methodology, problems encountered and clinical applications. Prerequisite: CLS 3412.

**4424 Immunology and Serology. (3-3)** Principles of immune response and underlying immunologic procedures of diagnostic value are discussed. Lectures and laboratory emphasize detection, identification, nature of antigens and antibodies, and the antigen-antibody reactions encountered.

**4440 Clinical Microbiology I. (3-6)** Study of pathogenic and non-pathogenic bacteria, fungi, and viruses with special emphasis on methods of isolation from body fluids, cultural and differential biochemical characteristics of body pathogens.

**4460 Immunohematology. (3-4)** Study of theoretical and practical consideration of major blood groups with emphasis on grouping and typing, antibody detection and identification, compatibility testing and component therapy in blood transfusion service.

**4463 CLS Clinical Practice I. (0-16)** Structured clinical experience assigned on an individual basis for observation, study, and practical application of techniques and methodology in the clinical laboratory.

**4464 CLS Clinical Practice II. (0-16)** Continuation of Clinical Laboratory Science Practice I; structured clinical experience assigned on an individual basis for observation, study and practical application of techniques and methodology in the clinical laboratory.

**4470 Clinical Chemistry II. (3-6)** A study of the theoretical and practical aspects of clinical chemistry. Manual and automated laboratory procedures for quantitative analysis of various body fluids.

## Department of Communication Disorders

*Chair and Professor-Mallard. Assistant Professors-Slansky. B., Lecturers-Edwards, McPhillips, Schulte, L., Slansky, P., Stiritz. Clinical Faculty-Adams, Beerstecher, Bishoff, Boruff, A. Brown, Bryce, Burkhalter, Cooks, Darmawi, Daryapayma, Douglas, Drake, Duffy, Ellis, Fuhrman, Givens, Harrington, Harrington, Hayes, Hutchings, Ibbotson, Iliff, L. Johnson, Joyner-McGrath, Kennedy, Knauss, Kolbe, Larrieu, Lechlop, Mandaville, Maxwell, Myers, Outten, Pacheco, Roberts, Rowell, Sherrard, Sparks, Swope, Yznaga, Zepeda*

### Liability Insurance

1. Students who participate in the clinical or internship portions of the Department of Communication Disorders are required to purchase liability insurance or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the departmental office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements may be obtained through the departmental office.

### Communication Disorders Program

The Department of Communication Disorders prepares students at the graduate level to diagnose and manage speech-language problems in children and adults. A four-year baccalaureate degree is required for entry into the graduate program. A master's degree is required for national certification and state licensure. A minimum of 375 documented and verified clock hours of supervised clinical practicum are required for certification.

The academic program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association. Students work in the Speech-Language-Hearing Clinic on campus and also have the opportunity to participate in clinical experiences throughout Texas and the United States.

### Admission Process

Admission to the undergraduate major in Communication Disorders is competitive and selective. The academic sequence begins during the fall semester. Enrollment is limited by student/faculty ratios in both academic and clinical components of the program.

1. To be considered for admission to the preprofessional sequence:
  - Completion of a minimum of 50 hours of General Education core coursework with a minimum GPA of 2.75. The following courses must be included in the GPA calculation: CDIS 1331, English 1310, 1320, Biology 1421, 2430, Family and Consumer Sciences 2351 or Psychology 2315, Physics 1310, 1110, Math 1315 and Health Professions 3302.
  - Submit a completed application form and SWT transcript to the Chair of the Department of Communication Disorders through the faculty acade-

mic advisor. The faculty academic advisor will be assigned during the first advising session.

- New transfer students must submit a SWT evaluated transcript and letter of acceptance.
  - Student selection is made on academic performance and not on the basis of race, color, religion, sex, age, or national origin.
  - The application deadline is April 1.
2. The progression requirements for CDIS courses are as follows:
- Courses must be taken in sequence identified in the catalog.
  - Must make no less than a "C" in a prerequisite course before the next course is taken.
  - Make no less than a "C" in support courses.
  - Have a GPA of 2.75 in the major in order to graduate.

## **Bachelor of Science in Communication Disorders**

### **Major in Communication Disorders**

**(Minimum required: 132 semester hours)**

#### **Freshman Year**

Communication 1310.....	3
Communication Disorders 1331.....	3
English 1310, 1320.....	6
University Seminar 1100.....	1
History 1310, 1320.....	6
Mathematics 1315.....	3
Philosophy 1305.....	3
Physical Fitness/Wellness (2 activities)*.....	2
Biology 1421.....	4
CS 1308 or equivalent.....	3
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#### **Junior Year**

Communication Disorders 3459, 3469.....	8
Communication Disorders 3325.....	3
Communication Disorders 3462.....	4
Communication Disorders 3412.....	4
Communication Disorders 4469.....	4
EDP 3320.....	3
English 3303.....	3
Sociology 3383 or PSY 3313.....	3
Support Elective.....	3
Elective.....	2
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#### **Sophomore Year**

Biology 2430.....	4
Art, Dan, Mu or Th 2313.....	3
English (Literature)*.....	3
HIM 2360.....	3
FCS 2351 or Psy 2315.....	3
Physics 1110, 1310.....	4
Political Science 2310, 2320.....	6
Health Professions 3302.....	3
Psychology 1300.....	3
	32

#### **Senior Year**

Communication Disorders 4466, 4317, 4330, 4420.....	14
Support Elective.....	3
Communication Disorders 4340, 4350, 4370, 4344**.....	12
Psychology 4342.....	3
	29

\*See General Education core curriculum requirements.

\*\*CDIS 4344 must be taken every semester clock hours are earned in speech-language pathology. CDIS 4321 must be taken if clock hours are earned in audiology.

NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

## Courses in Communication Disorders (CDIS)

**1331 Introduction to Communication Disorders. (3-0)** Study of speech, hearing, and language development and its disorders; descriptions of communicative disorders and their etiologies for the speech-language pathologist, health professional, and classroom teacher.

**1410 (SGNL 1401) Beginning American Sign Language. (4-0)** Introduction to understanding and using American Sign Language within the cultural framework of the deaf community.

**1420 (SGNL 1402) Intermediate Sign Language. (4-0)** Continued practice in understanding and using American Sign Language within the cultural framework of the deaf community. Prerequisite: CDIS 1410 or equivalent.

**2310 (SGNL 2301) Linguistics of American Sign Language. (3-0)** Fluent understanding and use of American Sign Language within the cultural framework of the deaf community. Prerequisites: CDIS 1410, 1420 or equivalent.

**2320 (SGNL 2302) Advanced American Sign Language. (3-0)** Maximum understanding and use of American Sign Language within the cultural framework of the deaf community. Prerequisites: CDIS 1410, 1420, 2310 or equivalent.

**3325 Anatomy and Physiology of the Speech Production System. (3-0)** Description of structure and function of the speech production system with emphasis on physical problems in speech, language, and hearing.

**3412 Neuroanatomy for Communication Disorders. (4-0)** This is a lecture course that examines the organization of the brain, spinal cord, and peripheral nervous system. Significance of the areas of the nervous system that are primary or secondary for speech, language and hearing are the main focus of this course.

**3459 Phonemics and Phonetics. (3-1)** Analysis of normal and abnormal phonological processes in children and adults. Proficiency in transcription using the alphabet of the International Phonetic Association emphasized.

**3469 Introduction to Hearing Science. (3-2)** Study of acoustics, auditory physiology and perception of sound. Includes discussion of auditory sensitivity, signal detection, psychoacoustic methods, perception of pitch and loudness, binaural hearing and speech perception. Associated laboratory promotes reinforcement of concepts addressed in lecture through review, problem solving and weekly assignments.

(WI) **3462 Remediation of Articulatory and Phonological Disorders. (3-2)** This course prepares students to manage articulation and phonological disorders. Current therapeutic models are reviewed. Observation of therapy and instruction in preparation of written clinical reports are required. Prerequisites: CDIS 3325, 3459.

**4301 Selected Topics in Communication Disorders. (3-0)** In-depth study of selected topics in Communication Disorders for the exceptionally motivated student. Work done on an independent basis with faculty member and only with prior departmental permission.

(WI) **4317 Service Delivery in Communication Disorders. (3-0)** Provide a foundation of clinical management to prepare CDIS students to work in a variety of settings. Emphasis will be placed on techniques of goal and objective sequencing, report writing, evaluation of services, ethics, and interdisciplinary collaboration. Prerequisites: CDIS 3459, 3462, 4330 and 4466. (Capstone Course).

**4321 Clinical Practicum in Audiology. (1-3)** Supervised clinical practicum in audiology. Experience in obtaining the case history selection and administration of audiological tests, interpretation of audiological findings, report writing, and making appropriate referrals. Must be taken each semester student participates in



any supervised clinical practicum in audiology. Prerequisites: Successful completion of CDIS 3462, 4420.

**4330 Speech and Language Development. (3-0)** Course to acquaint students with acquisition of speech and language in children. Basic information from linguistics, psycho-linguistics, psychology, and communication are examined for children in various stages of development.

**4340 Augmentative Communication Systems. (3-0)** Designed to review methods of non-oral communication as applied to hospital, rehabilitation, and special College settings. Use of electronic communication systems emphasized. Prerequisites: CDIS 4330 or equivalent.

**4344 Clinical Practicum in Communication Disorders. (1-4)** Supervised clinical practicum in speech-language pathology. Must be taken each semester student participates in any supervised clinical practicum in speech-language pathology. Prerequisites: CDIS 1331, 3459, 3462, 4340 or permission from the Clinic Director.

**4350 Survey of Neurogenic Communication Disorders. (3-0)** This course provides an introduction to acquired speech, language, cognitive and swallowing disorders resulting from brain injury. Basic neuroanatomy and physiology are reviewed, followed by discussion of the etiology, diagnosis, treatment, and prognosis of these disorders. Emphasis is placed on aphasia, dysarthria, apraxia of speech, right hemisphere syndrome, traumatic brain injury, dementia, and dysphagia. Prerequisite: CDIS 3412

(WI) **4370 Aural Rehabilitation. (3-0)** Principles and procedures in the habilitation and rehabilitation of hearing impaired children and adults. Prerequisites: CDIS 4420.

**4371 The Communicatively Disordered Child in the Family. (3-0)** Emphasizes the impact that the speech, language and hearing impaired child has on the family. Remedial strategies for enhancing communication skills and behavioral management within the home environment.

**4420 Introduction to Audiology. (3-2)** Relates anatomy and physiology of the auditory system and the science of acoustics to the study of normal and pathological auditory function. Laboratory experience in administration and interpretation of audiological tests. Discussion of professional opportunities in the field of audiology and provision of audiological service to special populations. Prerequisite: CDIS 3469.

**4466 Clinical Management of Language Disorders. (4-2)** Study of principles and procedures for the identification, description, assessment and remediation of language disorders in infants, children, and adolescents. Students will observe demonstrations of assessment procedures and types of language disorders within the context of clinical procedures. Describing observed behaviors and analyzing language samples will be emphasized. Prerequisite: CDIS 4330

**4469 Speech Science. (3-2)** Normal processes of speech production will be addressed from anatomic, physiologic, kinematic, aerodynamic, acoustic, and perceptual perspectives. Measurement and analysis techniques, instrumentation, and experimental paradigms used to study speech production and perception will be emphasized. Prerequisites: CDIS 3459 and 3325.

## Department of Health Administration

*Chair and Associate Professor-Sorensen. Professors-Burke, Welborn. Associate Professors-Fields, Khouri, Mooney, Nowicki, Renick, Summers. Assistant Professor-Brady.*

### Liability Insurance

1. Students who participate in the internship portion of the Health Administration program are required to purchase liability insurance or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the departmental office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the departmental office.

### Healthcare Administration Program

The undergraduate healthcare administration program integrates healthcare management theory and practice, and prepares graduates to assume entry and/or mid-level management positions in healthcare settings such as hospitals, health maintenance organizations, home health care agencies, group practices, ambulatory care centers, and hospices.

Students can receive credit toward the degree for prior training in allied health credentialed areas such as nursing, dental hygiene, and others. For those students without prior healthcare training, some additional support courses are required. The program has full membership in the Association of University Programs in Health Administration.

The Department of Health Administration also offers the master's degree in Healthcare Administration, a program accredited by the Accrediting Commission on Education for Health Services Administration.

### Minor in Healthcare Administration

The Healthcare Administration minor is designed to complement the student's major with the objective of providing an introductory curriculum which can assist the student in gaining employment in healthcare and healthcare related career fields. This objective can be achieved with the HA minor by: building on general education core foundations; offering scheduling flexibility for non-traditional students; introducing students to health services management functions through the mastery of certain skills including communication, decision-making, and coordination, unique to healthcare administration; and preparing students for graduate study. The minor requires 18 hours including a 9-hour core of required courses HA 3308, 3324, and 3327, and 9 hours of electives chosen from HA 3329, 3341, 3375, 4302, 4303, and 4315.

## Admission Process

**Phase I:** Any student in the University may declare Pre-Healthcare Administration as the major. To declare Pre-Healthcare Administration as a major, contact the Department Administrative Assistant at (512) 245-3556 or come by the Department Office in Room 250 of the Health Science Center.

**Phase II:** Pre-HA students will be admitted to the Healthcare Administration major during the last semester of sophomore year courses provided:

- a. they have an SWT GPA of 2.50 for unconditional admittance
- b. or, have an SWT GPA of 2.25-2.49 to be conditionally admitted. Students who are conditionally admitted must make a 2.50 GPA or better with a grade of "C" or better in the following four courses before taking any other courses in the major: HA 3308, 3341, 3324, and 3375. Conditionally admitted students must obtain schedule approval prior to registration (see the Departmental Administrative Assistant.) NOTE: Conditionally admitted students not meeting the condition of their admittance are given an opportunity to repeat, once and only once, any or all of the four courses in order to raise their grade to a "C" or four course GPA to a 2.50. Students who have been given a second opportunity to meet the condition of their admittance and still do not achieve a 2.50 GPA in the four courses or achieve a minimum grade of "C" or better in the four courses will not be allowed to continue as a Healthcare Administration major.

**Phase III:** To be allowed to enroll in the internship course(s) (HA 4440 and HA 4441), the student must:

- a. for HA 4440, have completed all junior year courses in the major with grades of "C" or better in each course and a 2.25 GPA or better in the major.
- b. for HA 4441, be enrolled in the last semester of work in the major and have grades of "C" or better in each course in the major and a 2.25 GPA or better in the major.

**Phase IV:** To be allowed to graduate with a BHA degree, a student must:

- a. complete all required courses.
- b. have a grade of "C" or better in each major course.
- c. have a 2.00 SWT GPA or better and 2.25 GPA or better in the major.
- d. have met University residence requirements.
- e. pass a comprehensive exam administered in HA 4441.

## REPEAT POLICY

All HA students must maintain a minimum major (HA) GPA of 2.25 with no grade below a "C". Students are allowed to repeat each HA course once, and only once, in order to improve their major (HA) GPA or their grade in a particular course. A student having repeated a course and still not achieving a minimum grade of "C", will not be allowed to continue as a healthcare administration major. Therefore, students needing to repeat courses are encouraged to seek assistance from the instructor or a chair-appointed mentor.

## COMPREHENSIVE EXAM

All healthcare administration majors are required to take a departmental comprehensive exam during the final semester of healthcare administration courses. Questions for the comprehensive exam will be taken from all the healthcare administration (HA) courses. Students are encouraged to save all course material (textbooks, syllabi, class notes, etc.) to use in preparing for the exam.

**Bachelor of Healthcare Administration  
Major in Healthcare Administration  
(Minimum required: 128 semester hours)**

**Freshman Year**

Communication 1310.....	3
English 1310, 1320.....	6
University Seminar 1100.....	1
History 1310, 1320 .....	6
Mathematics 1315 .....	3
Philosophy 1305.....	3
Phy. Fitness/Wellness (2 activities)*.....	2
Social Science* .....	3
Natural Science* .....	7-8
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34-35	

**Sophomore Year**

Art, Dance, Music, or Theatre 2313 ...	3
Economics 2301 or 2314.....	3
*English Literature.....	3
Health Administration 2310.....	3
Health Information Management 2360.....	3
Health Professions 3302 or equivalent.....	3
Health Professions 2351 or CIS 1323 or CS 1308.....	3
Political Science 2310, 2320.....	6
Electives/Minor** .....	8
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35	

**Junior Year - 1st semester**

Health Administration 3308.....	3
Health Administration 3341, 3324, 3375.....	9
Electives/Minor** .....	3

**Junior Year - 2nd semester**

Health Administration 3327.....	3
Health Administration 3329, 3340 .....	6
Marketing 3343 .....	3
Electives/Minor** .....	3
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**Senior Year - 1st Semester**

Health Administration 4302.....	3
Health Administration 4312, 4315 .....	6
Health Administration 4440.....	4
**Electives/Minor .....	3

**Senior Year - 2nd Semester**

Health Administration 4320, 4376 .....	6
Health Administration 4441.....	4
Electives/Minor** .....	3
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\*See General Education core curriculum requirements.

\*\*Up to sixty-five hours of credit may be given for prior allied health education.

NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

**Courses in Health Administration (HA)**

**2310 Ethics in the Health Professions. (3-0)** This course introduces the student to a sound foundation in well-established ethical theories and a familiarity with terms, concepts and issues in ethics as applied to the health professions. The course also provides practical methods for proceeding from considered reflection to informed action in solving ethical problems.

**3308 Healthcare Organization. (3-0)** Overview of the healthcare system and the role hospitals have played and continue to play in the future. Analysis of organizational structure of a hospital and other healthcare agencies, administrative and management elements necessary for policy determination, decision making, and control to achieve institutional goals and objectives.

**3327 Essentials of Healthcare Law. (3-0)** This course includes a review of laws pertaining to the legal responsibilities of the physician, nurse, health care institutions, and the variety of health care workers who contribute to patient care. Also included will be a broad review of legal liability for professional negligence.

A portion of the course will be devoted to a clinical study, within the health care institution, of the ethics of medicine as they affect the interpersonal relationship of the physician, patient, the health care worker, and the institution.

**3329 Human Resources in Healthcare Management. (3-0)** Human resource management as applicable to the healthcare field. Human resource planning, staffing, job requirements, job descriptions, sources of labor supply, training and education programs, salary administration, employee communications, legal considerations, union-management relations. Prerequisite: HA 3324.

(WI) **3324 Supervisory Management for Healthcare Managers. (3-0)** Introduction to the following functions of supervisory management: planning, organizing, staffing, influencing, and controlling; as well as the connective processes of decision-making, coordinating, and communication in healthcare organizations.

**3340 Management of Health Information Systems. (3-0)** Provides an introduction to information systems for healthcare facilities and agencies. Covers determining what information is needed by whom; designing information flows, procurement of computer/telecommunication resources, assuring information security, and continuing management of information systems supporting healthcare delivery.

(WI) **3341 Training and Professional Development in Healthcare. (3-0)** This course examines the training and professional development processes as applied to the healthcare industry. Emphasis is placed on staff developments, need analysis, task analysis, development of training and continuing education programs for healthcare personnel.

**3375 Principles of Accounting for Healthcare Managers. (3-0)** Provides an introduction to accounting useful in healthcare facilities and agencies, and demonstrates the application of accounting principles and techniques in the healthcare field. Prerequisites: ECO 2301 or 2320 and HP 3302 or equivalent.

**\*4121 Problems in Health Administration. (1-0)** In-depth study of a singular problem considered to be of immediate concern to the health care industry. Special emphasis is placed on problems unique to managers in the field of health administration.

**\*4221 Problems in Health Administration. (2-0)** In-depth study of a narrow range of topics considered to be of immediate concern to the health care industry. Special emphasis on problems unique to managers in the field of health administration.

(WI) **4302 Managed Care Organization and Administration. (3-0)** A comprehensive study of alternative delivery systems and managed competition in healthcare. Analysis of managed care operations, including legal and regulatory issues, delivery system negotiation and contracting, general operations and marketing, underwriting and finance, medical management, and special topics like competition and antitrust considerations.

(WI) **4303 International Health. (3-0)** An examination of various approaches used by international health systems related to organization, delivery, financing, development of resources, planning, and regulation. Course will give attention to changing ideologies and values of various countries as they relate to health care.

**4312 Materials and Logistics Management for Health Services. (3-0)** This course is a study of materials and logistics management for health services. The cost and control of goods, services, and equipment has a significant impact on the viability of the healthcare business. Students will learn how to apply qualitative measures to control, analyze, and manage inventory, purchases, supplies and capital equipment purchases. Prerequisites: HA 3308 and HA 3375.

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\*May be repeated with permission of department chair.

(WI) **4315 Health Services Problem Solving and Decision Making. (3-0)** An introduction to methodologies used to seek solutions to health administration problems which affect technical and professional personnel. Designed to place emphasis on techniques most directly applicable to models of administration and management decision making. Prerequisites: HA 3324, HP 3302 and HP 2351 or their equivalents.

(WI) **4320 Seminar in Health Administration. (3-0)** Current trends and problems in health administration which affect health administration technical and professional personnel. Designed to place emphasis in selected areas of administration and management. Research paper and presentation is required of each student. Prerequisites: HA 3308, 3329, 3341, 3375

**4331 Patient Financial Services Management I. (3-0)** This course is designed to provide an overview of the activities related to the management of a health care facility's Patient Financial Services. Emphasis is placed upon office management, quality assurance, productivity improvement, systems design, budgetary control, cash management, public relations, accounts receivable management and other responsibilities of the Patient Financial Services Manager. Research paper and presentation is required of each student.

**4332 Patient Financial Services Management II. (3-0)** Emphasis is placed upon the effective management of a health care delivery system's Patient Accounts Receivable. The course examines the payment methods and procedures of a variety of third-party payors (Medicare, Medicaid, Blue Cross, Worker's Compensation, etc.) Special emphasis is placed upon the interrelationships between the health care institutions, physician's office, patient, third-party payor representative, medical records, as well as collection agencies.

**4333 Patient Financial Services Management III. (3-0)** This course is designed to familiarize the student with the working knowledge of the broader aspects of the health care arena and the dynamic interaction with this area of specialization. The course is also designed to familiarize the student with the types of Patient Financial Services and Patient Account Management certification programs, and to assist in the preparation of taking these professional examinations. Prerequisites: HA 4331 and HA 4332.

**4376 Financial Management for Healthcare Managers. (3-0)** A concentration in the fundamentals of healthcare financial management including the financial organization of non-profit facilities, sources of operating revenue, management of working capital, and the allocation, control and analysis of resources. Prerequisites: ECO 2301, HA 4375 or approval of instructor.

**4440 Practicum Internship A. (0-16)** Students with specialization in management participate in a health services based practicum. Experiences in providing opportunities for observation, participation, and practical application of administrative or management skills in the institutional setting are required. Prerequisites: Must have a 2.25 major GPA and have completed all junior year major courses.

**4441 Practicum Internship B. (0-16)** Studies tailored to the particular interests and needs of individual students. A variety of experiences may be used to enrich the program for the student with special needs or demonstrated competencies. Students are required to successfully pass a departmental comprehensive examination given at the end of this internship. Prerequisite: Final semester of study.

## Health Information Management Program

*Program Chair and Associate Professor-Biedermann, Associate Professor-Thomas, Assistant Professor-Moczygemba, Lecturer-Hewitt, Clinical Faculty-Acevedo, Alingod, Anderson, Benavidez, Billalobos, Bozeman, Cannon, Carl, Carley, Carson, Chiuminetta, Colovas, Dunham, Echols, Fredrick, V. Freeman, Garcia, Garza, Gayre, Gutierrez, Harmeson, Heini, Hrehor, Kutac, Janssen, Kowalski, McCauley, Molina, Moody, Moreno, Murray, Novosad, O'Mealy, O'Neil, Phelps, Pollard, Ristine, Robey, Scheel, Schleicher, Todnem, Trlica, Wallace, Welch, Willard, Wolfson.*

### Liability Insurance

1. Students who participate in the internship portions of the Health Information Management program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the program office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the program office.

### Health Information Management Program

The program in health information management prepares students to work in the health information management profession which focuses on health care data and the management of health care information resources. The profession addresses the nature, structure, and translation of data into usable forms of information for the advancement of health and health care of individuals and populations.

Health information management professionals collect, integrate, and analyze primary and secondary health care data, disseminate information and manage information resources, related to the research, planning, provision, and evaluation of health care services.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the American Health Information Management Association Council on Accreditation. Upon completion of the degree, graduates of the program are eligible to sit for the RHIA (Registered Health Information Administrator) examination offered by the American Health Information Management Association.

The health information management program is a two-year program consisting of the junior and senior years. The following core curriculum (freshman and sophomore years) should be completed prior to admission to the health information management program. Admission to the university does not guarantee admission to the program. Applications for admission to the program must be submitted by March 1 to be considered for the following fall.

**Admission Process**

1. Second semester sophomore standing.
2. Minimum overall grade point average of 2.25.
3. Personal interview with health information management program Admission Committee. Students will be informed of their status by April 1.
4. Students must make no less than a “C” in each HIM course to meet graduation requirements, and progression in the program may be delayed.

It is strongly recommended that students present themselves for academic advising as soon as health information management has been selected as a major.

Advanced standing in the health information management program will require a review of the student’s credentials. Because of course sequencing and the scheduling of clinical assignments, students who drop out of the program for one or more semesters will be required to reapply for admission and be re-interviewed by the admissions committee.

During the second semester of the senior year, students are required to take Internship I, II, and HIM Practicum. These courses require that the students spend a minimum of six weeks in other institutions (hospitals, health agencies, etc.) away from campus. Students must furnish their own transportation and housing. Because of the time and distances involved, no courses other than those listed can be taken in the final semester of the senior year.

**Minor in Health Information Management**

A minor in Health Information Management requires 21 hours, HIM 3306, 3311, 3366, 3380, 4310, 4363, and 4385. Appropriate sequencing of courses is necessary for progression to subsequent courses. This minor would enhance and broaden the scope of various other fields of study by providing a well-rounded introduction and an opportunity for practical applications of the administrative functions related to the management of health information. Completing this minor does not meet eligibility requirements for the R.H.I.A. (Registered Health Information Administrator) certification examination offered by the American Health Information Management Association.

**Bachelor of Science in Health Information Management  
Major in Health Information Management  
(Minimum required: 130 semester hours)**

**Freshman Year**

Health Professions 1310 .....	3
Natural Science * .....	7-8
Communication 1310 .....	3
English 1310, 1320 .....	6
University Seminar 1100 .....	1
History 1310, 1320 .....	6
Mathematics 1315 .....	3
Phy. Fitness/Wellness (2 activities) .....	2
Social Science* .....	3
<b>34-35</b>	

**Sophomore Year**

Art, Dance, Music, or Theatre 2313 ...	3
Biology 2430 .....	4
Computer Science 1308 .....	3
English Literature* .....	3
Health Information Mgt 2360 .....	3
Health Professions 3302 .....	3
Philosophy 1305 .....	3
Political Science 2310, 2320 .....	6
Elective .....	6-7
<b>34-35</b>	



**Junior Year**

HIM 3220, 3306, 3363, 3367.....	11
HIM 3368, 3464, 3310, 3311, 3380.	16
HA 3308.....	3
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**Senior Year**

HIM 4310, 4363, 4215, 4225, 4364	13
HIM 4383, 4385, 4388, 4389 .....	12
HA 3327, 4376.....	6
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	31

\*See General Education core curriculum requirements.

NOTE 1: Biology 2430 is required; HIM 2360, HP 1310 and Computer Science 1308 are preferred before admission to the program can be considered.

NOTE 2: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

**Courses in Health Information Management (HIM)**

**2360 Medical Terminology. (3-0)** Recognizing and understanding the vocabulary of the health care professions. Emphasis on medical prefixes, suffixes, and word roots as used in oral and written communications.

**3220 Professional Practice Aspects of HIM. (2-0)** Introduction to the role of a HIM professional in the dynamic healthcare environment of today. Emphasis will be on professional expectations, career development, continuing education, and practice issues. Critical thinking and oral and written communication skills will be evaluated and reinforced.

**3306 Analysis and Interpretation of Healthcare Data. (3-0)** Collection, analysis, display, interpretation and management of healthcare data. Definitions, sources, computations, reporting systems and methods of quality statistical process control will be explored as they relate to the management of health information.

**3310 Fundamentals of Health Information Systems. (2-2)** Course will provide the student with an exposure to the various computer systems in health care. In addition, the students will study applications available to the health information professional and management of these systems.

**3311 Management of HIM Systems. (3-0)** Introduction to the emerging roles of health information managers in the age of the computer-based patient record. Emphasis on understanding the functions of health information systems and the essential management concepts and practices.

**3363 Introduction and Technical Aspects of Health Information Management. (2-2)** An introduction into the principles and procedures used in medical record organization, maintenance and retention, numbering and filing systems and procedures, forms control and design, and microfilming. Emphasis will be placed upon the function and duties of the medical record administrator, and relationships of the medical record to the health care delivery system.

**3367 Disease and Medical Science I. (3-0)** An introduction to the general disease process. Stress is placed upon the occurrence of disease, the signs and symptoms of disease, the test values and findings of disease, and the therapeutic treatment of disease. Prerequisite: HIM 2360 or consent of the program chair.

**3368 Disease and Medical Science II. (3-0)** A continuation of Disease and Medical Science I. Prerequisite: HIM 3367.

**3380 Quality Improvement Regulations & Procedures for HIM. (3-0)** Overview of regulatory agency requirements for quality improvement, utilization management and risk management. Methods for integrating these procedures for credentialing and peer review are explored.

**3464 Nosology. (2-2)** Introduction to ICD-CM, CPT and other classifications and nomenclatures. Emphasis will be placed on manual coding of diagnoses and procedures from the acute care facility and the introduction of the use of encoding systems.

**4101 Problems in Health Information Management. (1-0)** Comprehensive study of selected problems related to professional practice issues and changes in the health information management field. Emphasis will be on problem solving and application of management skills. May be repeated with permission of department chair.

**4215 Health Information Management Directed Experience. (1-8)** Supervised experience in health information management technical procedures. Student will develop insight and understanding of the health care delivery system as related to health information management responsibilities and procedures.

**(WI) 4225 Health Information Management Research and Education. (2-0)** A course of independent reading and research with the student completing a research project and developing an in-service instructional module. Emphasis is on the application of health information management theory and clinical practice.

**4310 HIM Departmental Management. (3-0)** A study of the principles involved in managing a HIM department. The course provides the opportunity to actually apply theory to traditional HIM managerial responsibilities.

**4363 Comparative Record Systems. (2-2)** Theory and procedures for the maintenance and regulation of patient health information records in non-hospital medical care facilities to include long term care, ambulatory care, psychiatric care, rehabilitation and prison record keeping systems.

**4364 Classification, Nomenclature and Reimbursement. (2-2)** Continued study of ICD-9-CM, CPT 4 and other classification and nomenclatures. The relationship with inpatient and ambulatory care reimbursement systems is also explored.

**4383 Seminar in Health Information Management. (3-0)** Problem-solving course designed to assimilate actual internship encounters and theory. Emphasis is on integration of knowledge and making transition to the applications required to function as a health information manager.

**(WI) 4385 Health Information Management Practicum. (0-8)** Assignments made to promote uniformity and competency levels required of entry-level medical record professionals. The majority of assignments will be completed in the HIM lab utilizing records, the computer capabilities, and other resources available for practical applications of management skills. To be completed during final semester. (Capstone Course)

**(WI) 4388 Internship I. (1-40)** Supervised administrative training in a hospital setting. Emphasis on personnel problems, HIM interdepartmental relations, managerial responsibilities, and committee assignments. Full-time participation of the student is required.

**(WI) 4389 Internship II. (1-40)** Supervised administrative training in a non-traditional Health Information Management setting. Affiliation may be in long-term care, home health, state or federal agencies. Clinic or community health agencies or companies providing HIM services. Full-time participation of the student is required.

## Department of Health Services and Research

*Chair and Associate Professor-Johnson. Professors-French, Juarez. Associate Professors-Boone, Brender, Knox, Upchurch.*

### Liability Insurance

1. Students who participate in the internship portions of the Long Term Health Care Administration program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the departmental office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the departmental office.

### Health Services and Research Programs

The Department of Health Services and Research includes three majors important to health care: the undergraduate major in Long Term Health Care Administration, and graduate majors in Healthcare Human Resources and Allied Health Research. The graduate program in Healthcare Human Resources prepares graduates for careers in human resource development or management, as well as many positions in community health. Allied Health Research prepares students in applied statistics, management science, epidemiology, and computer applications in health. Information on the graduate majors can be found in the Graduate Catalog.

### Long Term Health Care Administration

The major in Long Term Health Care Administration prepares graduates for administrative careers in a variety of settings within the long term care industry. The curriculum prepares students to meet requirements for licensure as nursing home administrators in Texas and also includes a focus on assisted living management. The curriculum is approved by the Texas Nursing Facility Administrators Program and was one of the first two programs to receive national approval by the National Association of Boards of Examiners for Nursing Home Administrators.

### Minor in Long Term Health Care Administration

The long term health care administration minor offers an additional option for those students interested in health care administration and other related fields. The LTCA minor requires 21 hours, including LTCA 3308 or 3325, LTCA 3322, 3323, 3324, 4315, 4320, and 4335. Students seeking licensure must also complete three semesters of LTCA 4681 and have a baccalaureate degree.

### Admission Process

**Phase I:** Any student in the University may declare Pre-Long Term Health Care Administration as their major. Each declared major will be assigned a faculty adviser. The adviser is available for ongoing academic advising.

**Phase II:** Each pre-LTCA student will be admitted to the Long Term Health Care Administration major and file a degree plan application with the Chair of the Department if:

- a. they have completed the following 55 semester hours: 46 semester hours of General Education courses (to include Eng 1310, 1320, and Math 1315 or 1319 or their equivalents), and HP 1310 and HP 3302 or their equivalents.
- b. They have an SWT GPA of 2.25

**Phase III:** To be allowed to enroll in the internship course(s) (LTCA 4681) the student must:

- a. have at least a “C” in all major and support courses (LTCA, HA, HIM and HP)

**Phase IV:** To be allowed to graduate with a BSHP degree, a student must:

- a. complete all required courses
- b. have at least a “C” in all major and support courses (as indicated above)
- c. have a 2.00 GPA in all SWT work and a 2.25 GPA in the major
- d. have met University residence requirement

### **Post-baccalaureate Certificate Program in Long Term Health Care Administration**

Students who already hold a college degree may complete requirements for licensure as nursing home administrators by the Texas Nursing Facility Administrators Program, and meet requirements for certification by Southwest Texas State University by completing 27 hours of courses, including LTCA 3322, 3323, 3324, 3325, 4315, 4335, and three semesters of LTCA 4681. Students completing these courses will receive a certificate recognizing their completion of this body of knowledge. All post-baccalaureate students are encouraged to complete these requirements in order to prepare themselves in the best manner possible for licensure and service as a nursing facility administrator. These requirements will strengthen the candidate in the areas of financial management and resident care.

## **Bachelor of Science in Health Professions Major in Long Term Health Care Administration (Minimum required: 130 semester hours)**

#### **Freshman Year**

Communication 1310.....	3
English 1310, 1320.....	6
University Seminar 1100.....	1
Health Professions 1310.....	3
History 1310, 1320.....	6
Mathematics 1315.....	3
Natural Science*.....	7-8
Phy. Fitness/Wellness (2 activities).....	2
<u>31-32</u>	

#### **Sophomore Year**

Art, Dance, Music, or Theatre 2313 ...	3
Economics 2301, 2314 or 2315 .....	3
English Literature*.....	3
Elective .....	3
Health Info Management 2360.....	3
Health Professions 3302.....	3
Philosophy 1305.....	3
Political Science 2310, 2320.....	6
Social Science*.....	3
<u>30</u>	

**Junior Year - Summer**

Electives .....	6
	<u>6</u>

**Junior Year - Fall & Spring**

Health Administration 3327.....	3
Accounting 2361 or HA 3375 .....	3
Select 3 hours from:.....	3
Health Administration 4312, 3341, 3340 or Health Professions 2351	
Long Term Health Care	
Admin. 3322, 3324 .....	6
Long Term Health Care	
Admin. 3308, 3325 .....	6
Long Term Health Care	
Admin. 4320, 4315 .....	6
Select 3 hours from:	
Sociology 3383, Psychology 3313 or Social Work 4320.....	3
Elective.....	3
	<u>33</u>

**Senior Year - Summer**

Long Term Health Care	
Admin. 4681 .....	6
	<u>6</u>

**Senior Year - Fall & Spring**

Long Term Health Care	
Admin. 3323, 4311.....	6
Long Term Health Care	
Admin. 4335, 4338 .....	6
Long Term Health Care	
Admin. 4681, 4681 .....	12
	<u>24</u>

\*See General Education core curriculum requirements. NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of foreign language.

**Courses in Health Professions (HP)**

**1310 The Health Care System and Professionals. (3-0)** Comprehensive study of the professional fields, their relationship to each other, and professional responsibilities. Structure of health care system including hospital organization, health care agencies, role of the government, and professional ethics.

**2310 Contemporary Issues in Health Care. (3-0)** This course is an introduction to contemporary issues in health care important to both future health professionals and informed health care consumers. Course activities will focus on solutions to problems of access, quality, and cost.

**2351 Application of Computers in the Health Professions. (2-3)** An introduction to computer applications important to health care including both common and specialized medical software. Common computer applications are introduced using projects and data resources from a healthcare environment. Students also examine specialized medical applications such as the National Library of Medicine, healthcare Internet resources, and telemedicine.

**3302 Statistics for the Health Professional. (3-1)** An introduction to major statistical concepts and methods as applied in the health field. Topics include: (1) nature and use of health care statistical data, (2) biodemographic epidemiology data, (3) descriptive and inferential statistics, and (4) an introduction to computers and statistical packages in a lab format. Prerequisite: Mathematics 1315.

**\*3311 Topics in Health Care. (3-0)** An examination of emerging trends or issues important to health care. Topics may vary from semester to semester, and the course may be repeated for credit with a different area of study.

## Courses in Long Term Health Care Administration (LTCA)

**\*3111 Independent Study in Long Term Care Administration. (1-0)** Independent study related to long term care administration under the direct supervision of a faculty member.

(WI) **3308 Nutritional, Social, and Environmental Aspects of Geriatric Care. (3-0)** This course is designed to provide the administrative aspects of nutritional services, social and activity services, and environmental control services of long term care facilities. Administrative requirements and the Omnibus Budget Reconciliation Act regulatory responsibilities will be emphasized.

**3320 Trends & Issues in Long Term Care. (3-0)** A course designed to provide the student with opportunities to explore current trends and issues in the long term health care industry. Special emphasis will be placed on an indepth study of selected topics. This course may be repeated for credit if area studied is different.

(WI) **3322 Organization of Long Term Health Care Facilities. (3-0)** Discussion of the history, philosophy, and purposes of long term health care facilities. Analysis of organizational models. Comparative analysis of ownership structures and options including both private and corporate designs.

**3323 Regulatory Aspects of Long Term Health Care. (3-0)** Focuses specifically on regulations regarding the operation of long term health care facilities as promulgated by both the federal and state governments. Reviews the minimum requirements for Licensure and the Standards for Participation for Medicaid Certification in Nursing Facilities in the state of Texas. Also discusses specific activities and functions regarding accountability and enforcement procedures.

(WI) **3324 Management of Long Term Health Care Facilities. (3-0)** Overview of management theories and concepts with specific applications to long term health care facilities. In-depth discussion of a wide variety of areas, the management of individual departments, line and staff relationships, staffing patterns, policy and procedures, formulation, planning, coordination, control, and communication.

**3325 Principles of Long Term Care Practice. (3-0)** Administrative-oriented content related to nursing care, quality assurance and geriatric pharmacology utilized in long term care facilities. The course content reflects the relative legislative requirements mandated for nursing homes and other long term care facilities.

**4311 Elements of Design for Long Term Care Environments. (3-0)** Principles of design and construction requirements for long term care facilities. Exterior and interior design essentials, to include barrier free, design problems related to dementia and design and renovation issues for the frail elderly.

**4315 Interdisciplinary Principles of Resident Care. (3-0)** Focuses on inter-departmental services and the necessary interrelationships to insure quality patient care. Discusses methods to establish and maintain the requisite relationships. Includes a review of policies and procedures involved in the provision of therapeutic long-term health care. Emphasizes the principles of the identified individual therapies. Suggests systems to facilitate the integration of the therapies into the patient's therapeutic regimen.

**4320 Resident, Family, and Community Relationships. (3-0)** Identifies and discusses the requisite components for establishing and maintaining effective and productive relationships with residents and their families and also with members of the community. Explores the dynamics involved in the long-term health care environment and discusses approaches involving the utilization of family and community resources to maximize the quality of life for each resident/patient.

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\*May be repeated with permission of department chair.

**4335 Financial Management of Long Term Care Facilities and Services. (3-0)** Reimbursement theory and methodology relative to medicaid, medicare, and other alternative long term care programs or services. Approaches to revenue enhancement through managed care systems and other contractual arrangements. Preparation and analysis of financial reports. Budget preparation. Analysis of per patient day statistics and trends. Census building and marketing from a financial perspective.

**4338 Administrative and Clinical Assessment of the Geriatric Client. (3-0)** Requirements of assessment including medical eligibility and financing mechanisms. Principles of assessment relative to the Omnibus Budget Reconciliation Act, the Minimum Data Set, and the TLE system. Methods of assessment including reviews of resident records, family interviews, resident observations, laboratory tests and disease entities. Review of provider roles in the assessment process. Discussion of resource limitations and ethical aspects.

**4681 Internship. (0-24)** This is a management-centered internship served in a licensed and approved long-term care facility. The course is designed to prepare the student for the position of administrator of a long-term care facility through active participation in administratively focused field experiences. This course is to be taken in the last three semesters with advisor approval, and repeated as needed to meet requirements for licensure by the Texas Board of Nursing Facility Administrators. Credit/Fail. Prerequisite: First enrollment: LTCA 3322, second enrollment: LTCA 3325, maintain a minimum grade of "C" in all major (LTCA) and support courses taken at SWT GPA of 2.25.

## Department of Physical Therapy

*Chair and Professor- Sanders. Associate Professors-Hunter, Melzer. Assistant Professors-Bezner, Boucher, Instructors-Keely, Pape.*

The Department of Physical Therapy is a graduate department offering a Master of Science in Physical Therapy. While the department offers no undergraduate degree, it does provide advisement to students interested in pursuing a graduate degree in Physical Therapy.

The requirements for admission include: 1) completion of a baccalaureate degree with a minimum 3.00 GPA in the last 60 hours of course work completed for that degree; 2) minimum 3.00 GPA in all science courses; 3) minimum GRE of 1000; 4) completion of all prerequisite courses, including general psychology, abnormal or developmental psychology, statistics, medical terminology, human physiology and anatomy, vertebrate physiology, general chemistry I and II, and general physics I and II.

Students interested in learning more about physical therapy requirements should call the College of Health Professions Academic Advising Center at 512/245-3506.

### Courses in Physical Therapy (PT)

**3610 Gross Anatomy. (3-9)** Structural and functional aspects of regions of body study emphasized by means of dissection of human cadavers, lectures and demonstrations. Clinical significance of anatomical structures stressed.



## **Radiation Therapy Program**

*Program Chair and Assistant Professor-Lozano, Lecturer- Bauman-Koerpel.*

### **Liability Insurance**

1. Students who participate in the clinical and internship portions of the Radiation Therapy program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the program office.

### **Immunization Requirements**

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the program office.

### **Radiation Therapy Program**

The radiation therapist is a key member of the professional team which uses various forms of radiation to treat cancer patients. Radiation therapy may be used alone, or in combination with surgery or chemotherapy, and is the treatment of choice for cure of many cancers. Because of sustained contact with patients, the radiation therapist has considerable responsibility in patient care, dietary counseling and treatment evaluation. The radiation therapist must also appreciate the significant psychological impact that cancer has on patients and their families. The program is in the process of obtaining accreditation by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program is a two and one-half year program beginning in the junior year, and consisting of a fall, spring, summer, fall and spring semesters. Upon completion of the degree, students are eligible to sit for the national registry examination.

### **Admission Process**

Note: Students who have completed an Associate Degree or Certificate in Radiation Therapy can receive credit toward the Bachelor of Healthcare Administration degree major Healthcare Administration, see the Department of Health Administration in this catalog.

1. Admission to the university
2. Satisfactory completion of all General Education requirements and a minimum overall grade point average of 2.50.
3. An application for admission to the radiation therapy program.
4. Three letters of reference and a career goal statement.
5. Interview with admission committee.
6. Deadline for submission of applications is April 1.

**Bachelor of Science in Radiation Therapy  
Major in Radiation Therapy  
(Minimum required: 136 semester hours)**

**Freshman Year**

Biology 1320 .....	3
Chemistry 1141, 1341 .....	4
Communications 1310 .....	3
English 1310, 1320.....	6
University Seminar 1100.....	1
Health Professions 2351 or equiv. ....	3
Health Info Mgt 2360 .....	3
History 1310, 1320 .....	6
Mathematics 1315 .....	3
Philosophy 1305.....	3
Physics 1410 .....	4
Psychology 1300 .....	3
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**Sophomore Year**

Art, Dance, Music, or Theatre 2313 ...	3
Biology 2430 .....	4
Physics 1420 .....	4
English Literature*.....	3
Health Administration 3327, 4315 .....	6
Health Professions 3302 or equiv. ....	3
Political Science 2310, 2320.....	6
Phy. Fitness/Wellness (2 activities) .....	2
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**Junior Year**

Physical Therapy 3610 .....	6
Radiation Therapy 3300, 3301 .....	6
Radiation Therapy 3310, 3315 .....	6
Radiation Therapy 3320, 3321 .....	6
Radiation Therapy 3340, 3350 .....	6
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**Senior Year**

Radiation Therapy 3330, 4310 .....	6
Radiation Therapy 4321 .....	3
Radiation Therapy 4361, 4370 .....	6
Radiation Therapy 4371, 4390 .....	6
Elective.....	6
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	27

**Summer between Junior and Senior Years**

Radiation Therapy 4320 .....	3
Radiation Therapy 4360 .....	3
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	6

\*See General Education core curriculum requirements.

NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

**Courses in Radiation Therapy Technology (RTT)**

**3300 Patient Care in Radiation Oncology. (3-0)** This course will focus on basic nursing concepts involved in providing care for the cancer patient. Topics to be included in the class will be cancer as a chronic health problem, social roles and cancer, multidisciplinary approach to patient care, psychosocial dimension of cancer, intreatment examinations, follow-up examinations, emergency management, chemotherapy and nutritional aspects of treating patients with cancer.

**(WI) 3301 Introduction to Radiation Oncology. (3-0)** An overview of radiation oncology and the role of the radiation therapist. Presentations will orient the student to the physical and biological basis of radiation equipment, procedures, tumor pathology, and patient interaction.

**3310 Physics of Radiation Therapy I. (3-0)** Students will learn the principles of radiation physics as they apply to the treatment and care of the cancer patient. Course will include a thorough review of x-ray production, fundamental

principles, concepts and terminology. Topics studied include measurements, general principles, structure of the atom, structure of the matter, electrostatics, magnetism, electrodynamics, electromagnetism, rectification and production and properties of radiation and radiographic techniques.

**3315 Radiation Protection and Radiologic Technology. (3-0)** This course conveys a working knowledge of radiologic physics and technical factors while informing the student of guidelines for maintaining the lowest radiation dose in all personnel and patients. The students will learn dose limits, regulations, safety procedures, shielding, and testing. They will also learn the protection roles of the radiation oncologist, radiation therapist, radiation safety officer and clinical physicist as they pertain to patients, personnel and the public.

**3320 Directed Clinical Learning I. (0-16)** Students will begin to gain skill in clinical procedures, interaction with patients and professional personnel as they apply didactic knowledge to the clinical aspects of radiation therapy and become familiar with various radiation therapy aspects of patient care. All student activity in this activity will be supervised by a registered radiation therapist. Student begins to be tested on basic radiation therapy skills.

**3321 Directed Clinical Learning II. (0-16)** Students will gain additional skills in clinical procedures, interaction with patients and professional personnel. Applies knowledge from previous clinical learning experience under the supervision of a registered radiation therapist. Students are tested on intermediate clinical radiation therapy skills. Prerequisite: RTT 3320

**3330 Quality Assurance. (3-0)** Students will study quality assurance tests related to patient charts, treatment accessories, patient communication devices, machine readings and safety devices. Emphasis on quality control procedures to include Continuous Quality Improvement (CQI), Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and responsibilities of each team member in relation to quality assurance duties.

**3340 Oncologic Pathology. (3-0)** This course introduces the concept of disease, histology, types of growth, etiology and biological behavior of neoplastic diseases. Topics: the inflammatory process and clinical patterns, types of edema and etiology hormones related to growth; characteristics of benign and malignant tumors; histological grading; and pathophysiology across the lifespan and associated diseases.

**3350 Radiobiology. (3-0)** This course will cover the principles of cell response to radiation, including tissue sensitivity, survival, repair and the latent effects of irradiated tissue. Topics to be covered include the development of radiation science, cellular targets for radiation action, target theory, physical/chemical factors affecting radiation response, biological factors, repair and recovery, fractionated doses and dose rate, early/acute effects of whole body exposure, late/chronic effects of whole body exposure, and radiation protection dose guidelines.

**4310 Physics of Radiation Therapy II. (3-0)** Students will continue to learn the principles of cell response to radiation. Topics covered will include properties of x-ray and gamma radiation, radiation units, x-ray production, photon interactions, beam characteristics, radioactivity, treatment units, and particle irradiation. Prerequisite: RTT 3310

**4320 Directed Clinical Learning III. (0-24)** Students will improve their skills in clinical procedures, interaction with patients and professional personnel and level of clinical skills assessment testing, as they practice radiation therapy in a supervised setting.

**4321 Directed Clinical Learning IV. (0-24)** Students will complete their clinical training by practicing all the skills they have learned in the classroom and

lab. All patient treatment done in directed clinical learning will be under the supervision of a registered radiation therapist.

**4360 Dosimetry I. (3-0)** This course will cover the basic concepts in treatment planning and clinical dosimetry. Students will learn to describe isodose curves and their influencing factors, treatment planning using various localization techniques, organs at risk and tolerance doses, arrangements for various multiple beam techniques and single beam therapy including correction techniques. Students will also learn fundamental procedures in dose measurement, verification, and machine calibration.

**4361 Dosimetry II. (3-2)** Students will learn additional concepts in treatment planning and clinical dosimetry addressed in Dosimetry I. Additional topics presented to the students include purpose, application and dose calculations of wedges, application and isodose distribution of moving beam therapy, irregular field techniques, systems of dose distribution and how to calculate prescribed dose. Prerequisite: RTT 4360.

**(WI) 4370 Clinical Radiation Oncology I. (3-0)** Students will receive disease specific instruction which includes regional anatomy and physiology, epidemiologist, etiologies, diagnostic procedures, pathology, staging and methods of radiation therapy as well as other cancer therapy. Disease specific treatment techniques, localization, energy selection, field arrangements, beam accessories and immobilization devices are presented. Students will understand the disease, side effects, and prognosis. Course will include case studies and a research paper.

**(WI) 4371 Clinical Radiation Oncology II. (3-0)** Continuation of disease specific instruction addressed in RTT 4370. Students will learn sites where tumors arise, epidemiologies, etiologies, diagnostic procedures, pathology, staging and methods of radiation therapy as well as other cancer therapy. Disease specific treatment techniques, localization, energy selection, field arrangements, beam accessories and immobilization devices are presented. Students will understand the disease side effects, and prognosis. Course will include case studies and a research paper. Prerequisite: RTT 4370.

**4390 Analysis of Radiation Oncology. (3-0)** Senior Project in radiation oncology. Individual research in radiation oncology. Explore methods of professional development in the field of radiation therapy. Emphasis is placed on emerging trends in the field, including technologic advances, changes in legislation, licensing requirements, and employment options.

## Department of Respiratory Care

*Chair and Associate Professor-C. Harkins. Associate Professors-Harford, L. Harkins, Jenkinson, Klepper, Lore, Marshall, Mazza. Medical Director-Handley. Instructor-Wharton. Clinical Professor-Petroff. Lecturers-Barnes, Little, Medina, Montoya, Morton, Paquette, Spector, Tovar, Villalobos. Clinical Faculty-Barker, Batten, Boultinghouse, Cox, Emody, Garza, Hall, Holman, Jones, Wharton. SWT/HMC Consortium Faculty-Program Administrator-Riley, Program Director-Lawrence, Clinical Coordinator-Cusson, Medical Director-Walke, Instructor-T. Riley.*

### Liability Insurance

1. Students who participate in the clinical portion of the respiratory care program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the departmental office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the departmental office.

### Respiratory Care Program

The program in respiratory care prepares students to treat patients with deficiencies or abnormalities in respiration. Therapists work for hospitals, clinics, and home health agencies.

Respiratory care majors take classes on campus and gain clinical experience in area hospitals. RC courses must be taken in sequence if possible. Students taking courses prior to applying for admission to the RC program should see an RC adviser for counseling. Students who have completed an associate degree program elsewhere may be eligible for transfer to SWT's baccalaureate degree program. For information on this option, see the RC department chair. SWT's respiratory care program is accredited by the Commission on Accreditation of Allied Health Education Programs

(CAAHEP) and qualifies graduates to take the appropriate exams offered by the National Board for Respiratory Care when all requirements have been met.

### Admission Criteria

Application must be made to the program in respiratory care in addition to regular university admission procedures. All students entering this program must be accepted by both the university and the respiratory care program. All applicants will be notified of their admittance status. Enrollment in the respiratory care program is limited by student/faculty ratio in the clinical phases of the program. All respiratory care courses must be taken in sequence and must be passed with at least a "C" grade.

## Bachelor of Science in Respiratory Care Major in Respiratory Care (Minimum required: 137 semester hours)

**Freshman Year**

*English 1310, 1320 .....	6
Biology 1320 and 2430 .....	7
*University Seminar 1100 .....	1
HIM 2360 .....	3
RC 1313, 1321 .....	6
Psychology 1300 .....	3
RC 1135, 1314, 1315 .....	7
RC 1245, 1316 .....	5
<u>38</u>	

**Sophomore Year**

History 1310, 1320 .....	6
Math 1315 .....	3
Phy. Fitness/Wellness (2 activities) .....	2
Phys 1110, 1310 .....	4
RC 2352, 2355 .....	6
Philosophy 1305 .....	3
RC 2365, 3330, 3331 .....	9
RC 2311 .....	3
<u>36</u>	

**Junior Year**

Biology 2400 .....	4
Communication 1310 .....	3
Political Science 2310, 2320 .....	6
English Literature <sup>1</sup> .....	3
RC 2375, 3411 .....	7
Chemistry 1410 .....	4
RC 3352, 3365, 4341, 3375 .....	12
<u>39</u>	

**Senior Year**

Fine Arts 2313 .....	3
Health Prof 3302 .....	3
RC 4220, 4315, 4330 .....	8
HA Elective .....	3
Elective .....	2
RC 4246, 4320 .....	5
<u>24</u>	

1. Select from Eng 2310, 2320, 2330, 2340, 2359, or 2360.

2. NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

### Courses in Respiratory Care (RC)

**1135 Respiratory Care Clinical Laboratory I. (0-16)** Introduction to clinical skills, including vital signs, infection control procedures, and basic patient care techniques. This course prepares the student for direct patient care to be performed in more advanced courses.

**1245 Respiratory Care Clinical Laboratory II. (0-32)** Direct patient care is performed under close supervision in a non-critical setting. Routine procedures are performed, including delivery of aerosolized medications, oxygen therapy, incentive spirometry, postural drainage and chest percussion.

**1313 Introduction to Respiratory Care. (3-0)** Introductory course to field of respiratory care. Designed to acquaint student with responsibilities of technician as a member of health team. Airway management, gas therapy, and humidity therapy will be covered.

**1314 Respiratory Care Instrumentation I. (3-0)** Designed to teach the design, function, and operation of basic respiratory care equipment. Regulators, flow meters, humidifiers, and nebulizers will be covered.

**1315 Basic Technology in Respiratory Care. (3-0)** Designed to teach students basic principles of respiratory care techniques and basic operations of equipment. Artificial ventilation, cardiopulmonary resuscitation and chest physiotherapy will be covered.

**1316 Respiratory Care Instrumentation II. (3-0)** Acquaints students with concepts of design, function, and operation of more advanced respiratory care

equipment. Pressure cycled ventilators, spirometers, airways, cardiopulmonary resuscitation equipment will be covered.

**1321 Introduction to Pharmacology. (3-0)** Designed to familiarize students with general principles of drug action methods of administration, elements of dispensation and with adverse reactions to drugs. This course is specifically designed for respiratory care practitioners.

**2311 Cardiopulmonary Disease I. (3-0)** Introduction to the assessment and treatment of the patient with respiratory disease. The course focuses on the signs, symptoms, causes, and treatment of chronic obstructive pulmonary disease, diseases of the nervous system, respiratory muscles and occupational lung diseases. In addition, the assessment and treatment of patients with cardiopulmonary disease to include restrictive lung disease, cardiac disease, infectious disease, and lung cancer.

**2326 Topics in Respiratory Care. (3-0)** Designed to survey respiratory therapy problems and related topics. Students will review multiple written and simulated examination material.

**2352 Cardiopulmonary-Renal Anatomy and Physiology. (3-0)** Detailed study of the structure and function of the respiratory, cardiovascular, and renal systems. Prerequisites: Biology 2430 or instructor approval.

**2355 Respiratory Care Practice I. (0-16)** Student gains skill in clinical procedures, interactions with patients and professional personnel as he practices, under supervision, respiratory care therapeutic modalities in a healthcare setting. Becomes familiar with various RT aspects of patient care as presented in medical/surgical and pediatric clinical situations.

**2365 Respiratory Care Practice II. (0-16)** Students will perform respiratory therapy procedures in a healthcare institution under the supervision of a Respiratory Therapist. Preparatory instruction is provided for mechanical ventilation and other primary critical care procedures.

**2375 Respiratory Care Practice III. (0-16)** A supervised clinical education experience in which the student organizes and administers advanced respiratory therapeutics on assigned patients in adult critical care. Diagnostic procedures, including arterial blood gas procurement and measurement, bedside physiologic monitoring, airway care, basic pulmonary function testing, as well as monitoring and maintenance of ventilator parameters are performed.

**3330 Advanced Respiratory Care Technology. (3-0)** In-depth study of respiratory physiology comparing the cardiopulmonary system of the adult, infant, and fetus. Emphasis is placed on how to evaluate, treat and monitor patients with respiratory insufficiency or failure.

**3331 Advanced Respiratory Care Instrumentation. (3-0)** A comprehensive focus on advanced equipment and rehabilitation technology utilized in the critical care, homecare, pulmonary rehabilitation and blood gas lab settings. Lectures and class activities will detail hardware for hemodynamic monitoring, supplemental oxygen administration, noninvasive monitoring, blood gas measurement, quality control, quality assurance and various other support advances in healthcare.

**3352 Advanced Ventilator Concepts. (3-0)** In-depth study of specific ventilators used in adult, pediatric and neonatal ventilation to include ventilator classification, method of operation, parameter interrelationships and ventilator patient monitoring. Lectures and class activities will focus on ventilator analysis of several contemporary volume, time, pressure, and flow-cycled ventilators.

**3365 Respiratory Care Practice IV. (0-16)** Advanced clinical education in the intensive care setting in which the student monitors and administers critical care therapeutics on assigned patients in the adult and neonatal intensive care set-

ting. Physician input and pulmonary rounds assist the student in theory and application of care for the critically ill patient.

**3375 Clinical Observation. (0-16)** Through affiliations with agencies, hospitals and selected treatment centers the student accompanies a healthcare specialist and observes patient treatment and diagnostics in homecare, cardiac catheterization, pulmonary rehabilitation, pulmonary function testing, hyperbaric medicine and other progressive healthcare specialties.

(WI) **3411 Applied Pathology. (3-4)** Lecture series and case presentation related to pathophysiology, etiology, symptoms, diagnosis and treatment of selected pulmonary disease entities, cardiac diseases, neurologic disease processes and occupationally acquired disease entities as they relate to respiratory function. Laboratory includes clinical patient assessment, diagnostic data gathering and observation of proper approach to the care of the cardiopulmonary patient.

**4220 Cardiovascular and Pulmonary Diagnostics. (2-0)** Examination of non-invasive monitoring technology in respiratory care, hemodynamic monitoring, acid-base interpretation of blood gas and application, and pulmonary function test interpretation.

**4246 Respiratory Care Internship. (0-16)** Provides the student with opportunities to gain clinical experience in specialty areas to include pediatrics, adult critical care, neonatal intensive care, pulmonary function diagnostics, home care, subacute care, pulmonary rehabilitation or polysomnography. Specific specialty offerings will be based on clinical availability.

**4315 Neonatal Respiratory Care. (3-0)** In-depth study of neonatal intensive care, pediatric/neonatal respiratory emergencies, chronic pediatric respiratory diseases, fetal lung development, fetal circulation, changes at birth, neonatal respiratory disease and its management, congenital defects and other related aspects.

(WI) **4320 Contemporary Issues in Cardiopulmonary Care. (3-0)** This course is designed to prepare senior-level students for the dynamic evolution of respiratory care as a profession. It will build on previous didactic courses and clinical experiences. It will examine opportunities for respiratory therapists in continuing care and home care and also cover the impact and role of legislation, regulations, professional organizations and politics in respiratory care. Ethics of patient care and professional behavior will be explored.

**4330 Pulmonary Rehabilitation. (3-0)** An introduction to medical, ethical, and reimbursement issues of respiratory care pulmonary rehab and home care. The role of the therapist in cost containment, treatment requirements, and discharge planning will be addressed. Frequently applied respiratory and durable medical equipment will be discussed in detail.

(WI) **4341 Respiratory Care Seminar. (3-0)** Individual and group presentation of selected case studies by the student to physicians, therapists and other students. Emphasis placed on total patient management with etiology, symptoms, pathophysiology, diagnosis, and treatment of specific diseases such as asthma, pulmonary edema, CHF, CF, COPD, ARDS, neurologic diseases, pulmonary fibrosis, pneumonia, bronchiectasis, AIDS and drug overdose.



## Department of Social Work

*Chair and Associate Professor-Brown. Professors-Chavkin, Smith. Associate Professor-Hawkins, Watkins. Assistant Professors-Chahin, Knox, Murray, Selber. Lecturers-Harris, Henton, Mickelson, Rondero, Yates.*

### Liability Insurance

1. Students who participate in the internship portions of the Social Work program are required to purchase liability insurance, or demonstrate proof that they are insured.
2. Students may obtain information on liability insurance from the departmental office.

### Immunization Requirements

It is a policy of the College of Health Professions that each student must provide a Health Report completed by a physician, and must take certain immunizations before the student can be placed in a clinical or internship assignment. Information on these requirements and forms to be supplied may be obtained through the departmental office.

### Social Work Program

The Bachelor of Social Work degree with a major in Social Work is offered to students who wish to prepare themselves for entry level professional social work practice or secondarily for admission to a graduate program of social work. Social Work students must maintain high scholastic standards. They must also develop the capacity to work with people from all walks of life and be sensitive toward all people and the many problems they face. This undergraduate major is fully accredited by the Council on Social Work Education. Completion of the major prepares students for entry level professional social work practice and to apply for licensure by the State of Texas.

### Minor in Social Work

A minor in social work requires 18 semester hours, including Social Work 1350, 2375, 4355, plus 9 semester hours of social work electives excluding Social Work 3305, 3340, 3420, 3425, 4305, 4425, 4645, and 4650. This minor gives students an awareness of problems, conditions, and value systems existing in our society. It further introduces them to knowledge that enhances their functioning in their chosen major fields. It does not prepare them for professional social work practice nor provide them the eligibility requirements for licensure as social workers by the State of Texas or certification by the National Association of Social Workers.

### Admission Process

The degree requirement for a major in Social Work is 48 hours in Social Work and 27 hours in supportive Social Sciences. The social work curriculum is based on and interwoven with the liberal arts/general education core foundation consisting of 60 semester credit hours. The major in Social Work does not require the student to have a minor. Progress through the social work program consists of three phases. No student is ruled out of any phase of the program on the basis of physi-

cal disability. Students may be advised to consider another major when they apply for admission to Phase II or any point after admission if they lack the emotional or mental stability, adequate communication skills, interpersonal relationship skills, or the level of self awareness necessary to pursue a social work career as judged by the social work faculty. Criteria used by the faculty to make such judgments include: instructors' evaluation of a student's adherence to the National Association of Social Workers' Code of Ethics; instructors' evaluations of student's performance in practice situations.

**Phase I.** (Pre-Social Work Major) Any student may declare a pre-social work major. Social work pre-majors may enroll in Social Work 1350, 2375, Social Work elective courses and general education core/liberal arts foundation courses. Social work pre-majors should complete most of their general education core/liberal arts courses before applying for admission to Phase II of the social work major. They must complete at least 45 credit hours, including the following: Comm 1310; Eng 1310 and 1320; Math 1315 or 1319; Phil 1305; SOWK 1350 and 2375; and US 1100, if required. Applicants must have attained a minimum 2.00 overall GPA and a minimum 2.25 GPA in SOWK and supportive Social Science courses to be eligible to apply for Phase II. Students interested in social work must be advised in the College of Health Professions Academic Advising Center. Students should contact the center to make an appointment at (512) 245-3506.

**Phase II:** (Social Work Major) Admission into Phase II requires that the student submit a formal application. Applicants are responsible for submitting the completed application by the designated deadlines. Applicants will be screened by an admissions committee and informed in writing of the decision. Academic record and suitability for social work practice will both be considered. Possible decisions are admission, conditional admission, or denied admission.

Upon admission into Phase II of the BSW program, a student's formal academic major is converted from Pre-Social Work to Social Work. An official degree outline is part of the application.

Admission into Phase II does not guarantee permission to remain in it. Majors' progress will be assessed each Fall and Spring semester by the Social Work faculty. Retention requires that the student maintain his or her minimum grade point average. Students must also earn a minimum grade of "C" in each Social Work course and each supportive social science course. There is a limitation of two "repeats" of upper division social work courses. This means that a student may repeat one of the courses twice or two courses once. No student will be retained who must repeat upper division core courses in excess of this rule in order to maintain the minimum grade requirements. Majors must also demonstrate adherence to the NASW Code of Ethics, emotional/mental stability, adequate communication skills, interpersonal relationship skills, and levels of self awareness necessary to pursue a Social Work career.

**Phase III:** (Internship) Students who have completed all required courses for the BSW, excluding Social Work 4645 and 4650 (Internship), and who have met all the requirements noted above may apply for internship. They must also have applied for a degree summary in the Academic Advising Center. Application for internship is made with the Field Coordinator. Interns may not repeat Social Work 4645 or 4650 to maintain minimum grade requirements.

The student may choose to take two semesters of concurrent internship (SOWK 4645 the first semester and SOWK 4650 the second semester), or one semester of comprehensive internship, taking the two courses (SOWK 4645 and SOWK 4650) simultaneously. Students are encouraged to take SOWK 4645 and 4650 simultaneously. Students should restrict their course loads to 12 semester hours, including internship, during the semester(s) in which they are enrolled in

SOWK 4645 or 4650 (concurrent plan). The comprehensive plan requires a full-time commitment to the internship which precludes taking any other courses.

## Bachelor of Social Work Major in Social Work (Minimum required: 135 semester hours)

### Freshman Year

*Communication 1310 .....	3
*English 1310, 1320 .....	6
*University Seminar 1100 .....	1
History 1310, 1320 .....	6
*Mathematics 1315 or 1319 .....	3
*Philosophy 1305 .....	3
Phy. Fitness/Wellness (1 activity).....	1
Psychology 1300 .....	3
*Social Work 1350 .....	3
Sociology 1310.....	3
	32

### Sophomore Year

Biology 1320, 1421 .....	7
English (Literature) .....	3
Health Professions 3302, 2351 .....	6
Modern Language 1410.....	4
Phy. Fitness/Wellness (1 activity).....	1
Political Science 2310, 2320.....	6
Psychology 2315 .....	3
*Social Work 2375 .....	3
Economics 2301 .....	3
Art, Dance, Music, or Theatre 2313 ...	3
	39

### Junior Year

Modern Language 1420, 2310.....	7
Political Science 3316 or 4322.....	3
Sociology 3319.....	3
Social Work 3420, 3425, 3340, 3305 .....	14
Social Work elective .....	3
English 3303.....	3
Psychology 4322 .....	3
	36

### Senior Year

Modern Language 2320.....	3
Social Work Elective .....	3
Social Work 4305, 4355 .....	6
Social Work 4425 .....	4
Social Work 4645, 4650.....	12
	28

\*Required prior to application for Social Work major

See General Education core curriculum requirements. NOTE: Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

## Courses in Social Work (SOWK)

Social Work 1350 is a prerequisite to all other social work courses except Social Work 2375, 3339, 4315, 4318, 4320, and 4355.

**1350 (SOWK 2361) Introduction to Social Work. (3-0)** An introductory survey of the field of social work including the nature, function, and various types of social work practice. This course is designed to acquaint the student with the history, scope, and values of the profession of social work.

**2320 Love and Relationships. (3-0)** An exploration of the nature of attraction, friendship, love, and human sexuality. The primary purpose is to enable students to enhance their own personal and professional relationships through application of insights gained in this class.

**2375 Social Services in the Community. (3-0)** An introduction to the organizations and policies involved in social service delivery. Students participate as supervised observers and volunteers in selected social service agencies. (Requires 50 hours of volunteer work.)

**(WI) 3305 Seminar in Human Behavior and Social Environment I. (3-0)** This course will provide an overview of two organizing theoretical perspectives: systems/ecological theory and values/oppression. It will focus on the macro level (i.e. large groups, organizations, communities, society, and global levels). It will address biopsychosocial influences on large groups and populations. Prerequisites: Official Social Work major, SOCI 3319, POSI 3316 or 4322, and ECO 2301.

**3312 Alcoholism and Chemical Dependence. (3-0)** An introduction to the dynamics and treatment of alcoholism and chemical dependence. Its focus is the experience of alcoholism specifically and chemical dependence generally on the individual and on others whose lives are affected by that person. This course emphasizes clinical and direct practice issues.

**\*3339 Selected Topics in Social Work. (3-0)** This course is designed with the potential for timely presentation of topical subject matter in social work and the social services. Sub-titles and subject matter may well vary from one presentation to the next, but will remain within the confines of the social work discipline and its interests.

**3340 Social Work Research. (3-0)** A course designed to build foundation scientific research skills. Students develop critical thinking, knowledge of program and practice evaluation, and a philosophy of generalist social work practice. Prerequisites: Social Work 1350, 2375 and HP 3302 or PSY 3301 or SOC 3307, official social work major.

**(WI) 3420 Social Work Practice I. (3-1)** Social work practice from a generalist perspective with an emphasis on the micro and mezzo-levels, including an introduction to data collection, assessment, intervention planning, and evaluation. Students study and apply social work theory in practice with individuals, families and treatment groups. Prerequisites: Official Social Work major, junior standing, and permission of instructor.

**(WI) 3425 Social Work Practice II. (3-1)** Social Work practice from a generalist perspective with an emphasis on the mezzo and macro-levels (i.e. working in and with task groups, grassroots organizations, and formal agencies). Data collection, assessment, intervention, planning/implementation and evaluation are covered. A focal aspect of this course is the development and implementation of a community-based project. Prerequisites: Social Work 3420 and permission of instructor.

**(WI) 4305 Seminar in Human Behavior and Social Environment II. (3-0)** This course will integrate the entire HBSE sequence, building upon supportive social sciences and SOWK 3305 (HBSE I). It will focus on individuals, families and small groups, using a biopsychosocial development perspective. It will expand on the systems/ecological and values/oppression (diversity) content presented in SOWK 3305, and how these influences shape human behavior. Prerequisites: Official Social Work major, PSY 2315 and 4322, and SOWK 3305.

**4310 Social Services to Minorities. (3-0)** Exploration of the roots of minority social work practice and the quality of present day social work with minorities. Primary focus is on knowledge and skills necessary for effective practice with women and selected ethnic minorities of the Southwest (African Americans, Hispanics, Native Americans). Prerequisites: Social Work 1350 or permission of instructor.

**4311 Business and Stress. (3-0)** An introduction to occupational social work. Examines the social and psychological experience of work with emphasis on the human problems which arise in or result from work. Special emphasis on stress, alcoholism and other forms of chemical abuse, and Employee Assistance Programs.

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\*May be repeated with different emphasis.

**4315 Child Welfare. (3-0)** An analytical consideration of the various child welfare services available to children in their own homes, in substitute care, and through the community. The aspects of protective services, including neglect and abuse, day care, homemaker services, interpersonal counseling, and financial assistance are explored in terms of the role of the child welfare practitioner.

**4318 Social Work and Health Care. (3-0)** This elective course provides a generalist view of social work practice in the fields of mental and public health. It targets social problems impacting health care, intervention strategies and social service delivery.

**4320 Social Work with the Aging. (3-0)** A comprehensive introduction to social problems affecting the elderly, intervention strategies, and service delivery systems. Contemporary social issues are examined with the context of societal values and ethical implications for generalist practice.

**4355 Social Legislation. (3-0)** A survey of social legislation pertaining to the social welfare and rights of the individual in today's society, the general legislative process and social welfare policy.

**4360 Directed Study in Social Work. (3-0)** A one-semester course of independent reading and study, individual instructional and discussion sessions, and individual projects. Open to superior students by invitation of the professor and with the consent of the director of social work. This course may not be repeated for credit. Prerequisites: Social Work 3430 and 3435.

(WI) **4425 Social Work Practice III. (3-1)** Social Work practice from a generalist perspective with an emphasis on developing students' interpersonal and communication skills. Students learn to translate theory into helping behaviors at all levels of social work intervention through discussion, practice, and feedback. Competence in specific skills for beginning field placement is the primary objective. Prerequisites: Social Work 3340, 3420, 3425, official social work major, senior standing, and permission of instructor.

**4645 Beginning Field Practice in Social Work. (1-20)** Interns are assigned to social service agencies to observe and engage in generalist social work practice. They are under the close supervision of professional social workers and the direction of a university based field coordinator. They must complete a minimum of 20 clock hours per week, during a fall or spring semester, attend regularly scheduled seminars, and complete weekly assignments. Prerequisites: Social Work 1350, 2375, 3420, 3425, 3340, 4425, senior standing, official social work major status, and application to field coordinator. (Capstone Course)

**4650 Field Practice in Social Work. (1-20)** This course is an extension of Social Work 4645 as it includes the application of advanced generalist techniques. Interns are under supervision of professional social workers and the direction of a university based field coordinator for a minimum of 20 clock hours per week during a fall or spring semester. They attend seminars and complete weekly assignments. Taken together, 4645-4650 constitute Comprehensive Field Practice. Prerequisites: SOWK 4425, official social work major, senior standing, and application to field coordinator. (Capstone Course)