RELT208

V (3 qtr; 2 sem)

The Gift of Prophecy

Distance education—see content above.

RELT210 Alt (4)

Biblical Backgrounds

Archaeological, cultural, geographical, and historical backgrounds of the Bible with special emphasis on the Hebrew patriarchs and the Exodus-Conquest events.

RELT216 **(2)**

Workshop in Prayer

Study of faith, private prayer, family worship, conducting prayer groups, public prayer, and prayer as a ministry. Not applicable toward the theology concentration or major in religion.

RELT235 V (4.5 qtr; 3 sem)

Principles of Bible Instruction

Distance education course to help students develop necessary skills and expertise vital for success in Bible instruction.

RELT250

Personal Spirituality and Faith

Biblical perspective on the act and the life of faith. How does a person begin and nurture a spiritual and devotional life? Evaluates the role of spiritual nurture in various settings. Prerequisite: RELB100.

RELT260 V (4.5 qtr; 3 sem)

Church Leadership and Management

Distance education course. A study of good church administration, combining pastoral leadership with church management. Addresses the four-dimensional role of the pastor—person, administrator, church leader, and priest.

RELT290

Introduction to Pastoral Counseling

Distance education course. Understanding that pastoring is by definition counseling. Introduces both the actual skill of counseling and the acquisition of knowledge and insights based on reading and experience.

RELT300 (4)

Studies in the Sanctuary

Sanctuary/temple symbols, services, observance days, and major festivals examined. Attention given to the interpretation of the sanctuary by the apocalyptic books, Daniel and Revelation.

RELT320 V (4.5 qtr; 3 sem)

Personal Evangelism

Distance education course. The dynamics of personal evangelism with primary emphasis on instruction rather than exhortation. A clear biblical perspective on the priesthood of all believers; practical counseling for leading someone to Christ; a strategy for visitation; a Bible study methodology; and techniques in getting decisions.

RELT340 **(4)**

Religion and Ethics in Modern Society

Considers how Judeo-Christianity confronts the moral complexities of today's society. Are there universal absolutes or are all values relative? Designed to help adults articulate what molded their value system and what should help shape it. Prerequisite: RELB100.

RELT340

V (4.5 qtr; 3 sem)

Religion and Ethics in Modern Society Distance education—see content above.

RELT348

The Christian and the Environment

A religious, philosophical, and activist approach to environmental issues, analyzing ideological causes of environmental degradation, and offering philosophical and theological perspectives which inform and sensitize the student to the Christian's environmental responsibility. Contains a service component.

RELT390

Christian Business Ethics

Examines ethical models to help students develop a basis for their own value decisions. The developed model is then used to examine ethical issues which confront people in daily affairs of business life. A student cannot earn credits in both RELT340 and RELT390. Open only to upper division BBA students.

RELT426 Alt (4)

Ministry and Message of Ellen G. White

Study of the ministry of prophets with an emphasis on the ministry and the writings of Ellen G. White. Students cannot earn credits in both RELT208 and RELT426.

SOCIAL WORK

Nethery Hall, Room 08 (616) 471-6196 FAX: (616) 471-3686 sowk@andrews.edu http://www.andrews.edu/SOWK/

Faculty

Sharon W. Pittman, Chair, Graduate Program Director Curtis J. VanderWaal,

BSW Program Director

Héctor L. Díaz René D. Drumm Shelly J. Perry Karen E. Stockton Fred L. Washington Elizabeth D. Watson

Jan F. Wrenn Michael A. Wright

Academic Programs	Credits
BSW Bachelor of Social Work MSW Master of Social Work	118
Interpersonal Practice Administration and Development	t
Two-year regular program One-year advanced-placemen	86
program	56

The mission of the Department of Social Work is to prepare individuals for excellence during a lifetime of professional service and Christian compassion in action.

Undergraduate **Program**

Bachelor of Social Work—82

The Bachelor of Social Work (BSW) is a professional degree which allows the graduate to enter the field of social work at the first level of practice or to have the opportunity to be admitted to a Master of Social Work (MSW) program with advanced standing. The program is accredited by the Council on Social Work Education through the year 2003. The foundation curriculum consists of five areas of emphasis that are required in every BSW program: Human Behavior and the Social Environment, Social Welfare Policy, Research, Professional Practice, and Practicum. Throughout the curriculum, the program integrates concepts of professional ethics and values, critical thinking, and sensitivity to diversity, oppression, social and economic justice, and populations-at-risk.

Admission Criteria

Students qualify for entry into the BSW program when they

- Earn a minimum GPA of 2.00.
- Receive grades of C- or better in all required program prerequisite and cognate courses.
- Complete SOWK100, 225; PSYC101, 440; SOCI119; BIOL112; SOWK255. Maintain

- a GPA of at least 2.50 in these courses.
- A satisfactory criminal background check no more than 6 months old.
- · Pass an entrance interview.
- Receive a positive recommendation from the Student Services committee in the department
- · Complete a Writing Competency Exam.

Continued Enrollment Criteria

Continued enrollment is conditional upon the following:

- · Acceptable academic performance
- Ethical conduct in compliance with the National Association of Social Workers (NASW) Code of Ethics
- Adequate knowledge and practice performance in the practicum setting. A more detailed description of admission procedures and program standards can be found in the Social Work Student Handbook available in the office of the Department of Social Work.

Major Requirements

SOWK100, 225, 255, 320, 325, 345, 355, 356, 421, 422, 423, 434, 435, 445.

Cognate Courses

PSYC101, 440; SOCI119, 306, 425, 427, 476; BIOL111, 112; PLSC104; IDSC237; SPAN141 and one of the following: SPAN142 or 436; BHSC220 and STAT285. Students are also required to choose a 3-4 credit upper division social work or social-work-related course from a list of approved courses.

General Education Requirements

Requirements are the same as for the Bachelor of Science degree, except BHSC 100, which is not required.

Field Practicum. Students are required to complete a 400-hour field placement in a local human-service agency. The practicum is normally completed during the two quarters before graduation. Prerequisites include the following courses (which must be completed with a grade of C- or above): BIOL112, SOWK345, 356, 422, and 445. Students may be dropped from the program or be required to complete additional practicum hours for the following reasons:

- Inability to demonstrate the skills, knowledge, and professional responsibilities required of a baccalaureate-level social work intern
- · Clear violation of the NASW Code of Ethics

Graduate Program

Master of Social Work—56 or 86

The Master of Social Work (MSW) degree is a professional degree enabling the graduate to enter practice as an advanced-level practitioner. Graduates are prepared to work in Interpersonal Clinical Practice or in Administration and Development Practice. The foundation curriculum for the MSW consists of five areas of course emphasis: Human Behavior and the Social Environment, Social Welfare Policy, Research, Professional Practice, and Practicum. Accreditation for the MSW degree has been granted through the Council on Social Work

Education.

ASSISTANTSHIPS

Students have the opportunity to apply for graduate assistantships—teaching or research. These assistantships give students the opportunity to develop their expertise. Students interested in becoming social-work educators—especially those with years of clinical experience—may teach undergraduate courses. Research assistantships offer experiences in community consulting, grant writing, and/or conducting research.

ADMISSIONS CRITERIA*

Applicants to the MSW program must meet the requirements in the Graduate Admission section of this bulletin. They must also meet the requirements outlined below.

Regular 2-year Program

- Hold a baccalaureate degree from an accredited college or university, or a Bachelor of Social Work (BSW) degree from a program accredited by the Council on Social Work Education
- Provide transcripts that demonstrate course work with a strong liberal arts background.
 <u>Required Liberal Arts Background</u>
 <u>Minimum Quarter Credits</u>
 - < Human Biology or Anatomy and Physiology: 3
 - Communications/Language Skills (foreign languages, speech, grammar, linguistics, written communication, media): 8
 - Social and Behavioral Science (sociology, anthropology, psychology, social psychology, diversity): 12
 - < Humanities/History (philosophy, religion, arts, government, political science, economics, or literature): 16
 - < Math/Physical Science (statistics, sciences, chemistry, physics, logic, math): 3
 - < Previous computer skills, either in course work (1 credit.) or extensive hands-on experience evidenced by the *Computer Skills Assessment Form*.
- A GPA of at least 3.00 (4.00 system) in the upper division course work that applies to the major
- Satisfactory completion of the California Personality Inventory that indicates emotional stability, emotional wellness, and suitability to professional social work
- Satisfactory performance on a basic writing skills test
- A professional résumé documenting related experience
- A statement of professional interest and purpose for MSW graduate study
- Two strong professional references
- A satisfactory criminal background check The Student Services Monitoring Team may request a personal interview or a third reference and/or other information.

Advanced One-year Program

Credit requirements are reduced by 30 based on previous foundation courses taken. In addition to the requirements for the regular 2-year program, the following are required for the advanced 1-year program.

Bachelors degree in Social Work no more than 5 years old from a program accredited by the Council on Social Work Education. If an applicant has a degree older than 5 years, he/she must have one year of post-bachelor's human-service work experience for every year

- beyond the 5-year limit.
- A grade no lower than a B on all core undergraduate social work classes including but not limited to Human Behavior and the Social Environment, Social Policy, Research, Generalist Practice, and Field Practicum. Any course for which a grade lower than B was earned must be retaken prior to admission into the advanced placement MSW program; or the student may take a competency placement test in the content area in question attaining a score of at least 80% or better. No student who has received a grade lower than a B in the BSW field practicum is considered for advanced placement. Competency tests can be arranged with the Graduate Program Director for an additional fee.
- An additional letter of reference from the applicant's field placement faculty liaison or field instructor or current human service job supervisor reflecting past satisfactory practice experience.
- * Admissions criteria may be refined and changed as necessary to improve the process and address accreditation issues.

Past practice experience strengthens all MSW student applications. However, no academic credit is given for life experience.

MSW DEGREE REQUIREMENTS*

- A minimum of 86 quarter credits (2-year regular students) or 56 quarter credits (advanced placement students only) and satisfactory completion of all courses. This includes 900 hours of field practicum for 2-year regular students or 600 hours of field practicum for advanced-placement students.
- The accumulation of no more than 16 credits below B- (including U)
- The maintenance at all times of professional conduct and behaviors appropriate for a social worker according to the National Association of Social Workers' Code of Ethics
- Defense of the professional degree portfolio.
 This portfolio is a demonstrative collection of professional skills and projects
- Other Andrews University degree requirements as presented in the Graduate Academic Information section on p. 30-32.
- * Subject to change as necessary to improve the process and address accreditation issues.

MSW CURRICULUM

Both Interpersonal Practice (micro) and Administration and Development (macro) emphases are offered during the advanced year. Students wishing to enroll in core, graduate, social-work courses must be enrolled in the MSW Program and/or have the instructor's permission. All convergent courses and those listed for each track are required. Students select approximately 5 credits of electives during their foundation year and 10-11 elective credits (depending on their concentration) during their advanced year. A maximum of 8 credits of graduate electives may be taken from other related disciplines. All courses are subject to change based on accreditation needs.

(Credits)

See inside back cover for symbol code.

SOWK100 (2-4)

Introduction to Social Work

The professional activity of social workers in the U.S., including a brief history of the social- work profession, its knowledge, values, and skills base, and its cross-cultural aspects. Emphasis on the response of social work to varied and diverse cultures.

SOWK225

The Ethics and Values of Christian Service Designed to lay the ethics and values foundations consistent with the service mission of the university and the objectives of the social work program and the professional Code of Ethics.

SOWK255

Introduction to Community Service

Provides credit for experience in settings that can enhance social work knowledge and/or skills and ethics development. This supervised field experience provides 1 hour of credit for 40 contact hours. The plan for the experience must be approved in writing by a social work faculty member before the experience begins. Prerequisites: SOWK100 and 4 additional hours of behavioral science coursework. Repeatable once.

SOWK320

Introduction to Counseling Skills

Exposes students to basic engagement, listening, assessment, and interviewing skills. Students gain beginning skills in exploring the problems of various client systems. Classes include both instruction and lab experience.

Social Welfare Institutions and Services An analysis of the factors which determine the manner in which social-welfare services are currently being delivered in the U.S. Factors

include the value base, the historical development, and the organization of the social welfare system. Prerequisite: SOWK100; HIST116 or PLSC104.

SOWK345 S(3)

Projects in Community Intervention

Taken concurrently with SOWK445 to provide a field component to the study of policy development. Prerequisites: SOWK100; PLSC104; and SOWK325.

SOWK355, 356

Human Behavior and Social Environment I,

Courses use ecological systems models for the study of human behavior. The continuum relates the development and functioning of individuals, groups, and organizations to relevant internal and external biological and social systems. Prerequisites: SOWK325; BIOL111, 112.

g(3)SOWK410

Children and Families at Risk

Development of programs for the well-being of children. Focus on current child-welfare programs including juvenile courts, foster care, child-care centers, adoptions, protective services, institutional care, and special-need services.

SOWK415

Alt **g** (2)

Substance Use in American Society

An overview of substance-use terminology, historical issues, definitions, epidemiology, consequences, and drugs of abuse within an American cultural and historical framework.

SOWK421, 422

Social Work Methods I, II

This sequence introduces methods of social intervention at the individual, family, group, organization, and community levels. Students assess their strengths and weaknesses by putting theoretical knowledge into practice. Includes both instruction and lab experience. Prerequisites: SOWK320, 325,

SOWK423

Social-Work Methods Seminar

A weekly, 2-hour seminar to accompany SOWK435. Used for integration of the total field experience with the total learning experience. Prerequisite: SOWK422.

SOWK434

Introduction to Field Instruction

Taken concurrently with SOWK422. Requires 40 hours in an agency in which students begin long-term tasks before block placement begins. Prerequisite: SOWK421.

SOWK435

Field Instruction

A lab course to give students experience and practice in a community agency under qualified supervision. A total of 360 clock hours required. Prerequisite: SOWK434.

SOWK437

International Environment of Social Welfare Students engage in critical thinking in relation to global issues. Theories of causation and alternative models of global intervention. Explores the social, cultural (including religious), political, and economic factors impacting social-welfare policies and the delivery of human services in Third World, developing, industrial, and post-industrial societies.

g(3)

Assessment and Treatment of Victims of

Examination of assessment issues, approaches, and barriers to effective treatment when working with victims of domestic violence, adult survivors of sexual abuse, victims of rape, incest survivors, and child sexual-assault victims. Interpretation of assessment findings included. Short- and long-term therapy options including specific techniques are explored. Prerequisites: SOWK421, 422 or SOWK511 or permission of instructor.

g(4)

Policy, Planning, and Administration

Major factors to be considered in the formulation and implementation of a policy or program and the means of generating public support and other methods of influencing decision-making bodies to adopt particular policies. Prerequisite: SOWK325.

SOWK447

Social Policies and Service in Other Countries A study of the policy-making processes and strategies utilized to meet the needs of the poor and at-risk populations in other countries. Students travel abroad where they study social policy formulation, analyze selected social policies and

programs, and participate in the development of a group position paper. Prerequisites SOWK345 and SOWK445 or equivalent course.

g(2)SOWK448

Computers in 21st-Century Social Work Practice

Exposure to computer applications and automated systems that enhance practice for the 21st century. Much of this class involves hands-on learning in the computer lab.

SOWK455 g(3)

Treatment of Substance Abuse

An overview of treatment techniques and basic prevention strategies including specific training in assessment and therapeutic techniques, examining the relationship between etiology and treatment. Treatment evaluation discussed. Atrisk, vulnerable populations receive special consideration. Prerequisites: SOWK 415, 458.

SOWK458 g(3)

Advanced Theories of Addiction and Treatment

Surveys, critiques, and integrates the primary theories currently used to explain the process, outcome, and treatment of addictions. Covers biological, psychological, social, and anthropological addiction theories. Primary substanceabuse prevention theories are surveyed. Implications for at-risk, vulnerable populations considered. Corequisite: SOWK415.

SOWK460

Death and Grief in Contemporary Society Designed to help the student understand cultural and societal perspectives on death as well as develop an increased awareness and sensitivity to the personal and interpersonal dynamics of death, dying, and loss. The student's personal encounters with dying, death, and loss, as well as the experiences of guest speakers, provides topics for class discussion. The "art of condolence" is discussed for helping people deal with uncomplicated death and loss issues.

SOWK467 g(2)

Social Aspects of Long-Term Care

Focuses on the health-care system's ability to provide for the elderly who require long-termcare facilities. Examines the aging American population, attitudes and stereotypes associated with the aged, resources available to the social worker, and techniques to assist in providing appropriate care for the elderly.

g(1-4)**SOWK475**

Topics in:

Students are able to select offerings from various contemporary social-work topics. Repeatable with different topics.

SOWK495 (1-4)

Independent Study/Project/Teachings Consent of the instructor required.

FOUNDATION YEAR

SOWK508 **(1)**

Graduate Orientation Seminar

Offers new students a thorough orientation to the skills necessary for excelling in graduate studies.

The professional portfolio is introduced. Emphasis on research writing, bibliographic instruction, time management, computing skills, and self-care while a student.

SOWK511, 512, 513 (3,4,4)

Foundations of Practice I, II, III

Designed to develop the theory, knowledge, and skills essential in generalist social-work practice. Various methods are offered for developing communication, assessment, planning, intervention, and evaluative skills necessary in social work practice. Focus on skills necessary for practice with individuals, families, groups, and organizations in a variety of settings. Co/prerequisite: SOWK531.

SOWK518 (2)

Ethics of Compassion

Special attention to complex ethics and values of professionals consistent with Andrews University service mission and the objectives of the MSW Program and the NASW Code of Ethics.

SOWK525 (1)

Introduction to Field

Prepares students for entry into field instruction and introduces a number of topics and skills basic to beginning social-work practice. The field-preparation aspect orients and familiarizes students with the expectations, responsibilities, and outcomes of Field Practicum. Co/prerequisites: SOWK531 and 511 or advanced placement status.

SOWK528 (2)

Strength in Diversity

The nature and characteristics of racial and cultural minorities in American society. Concepts such as gender, class, ageism, sexism, and racism presented. Policy and practice implications explored.

SOWK531, 532 (2,2)

Human Behavior and the Social Environment

Ecological model for studying human behavior and an overview of normal individual development throughout the life cycle. Psychosocial, learning, and social-role theories constitute the theoretical basis for the course. Special attention paid to the impact of gender, health, and minority status upon human development.

SOWK535 (Field credit)

Field Instruction and Seminar

An opportunity for students to explore their classroom and field learning with the Director of Field and the practice-class instructor. Field seminar is integrated into SOWK511, 512, 513 and with the student's field placement. Prerequisites: SOWK531 and 511.

SOWK541, 542 (2,2)

Social Welfare Policy I, II

Examines the determining factors affecting how social-welfare services are currently delivered in the U.S., including the value base, historical development, and organization of the social-welfare system. The framework used to systematically identify, define, and analyze social problems and policies is studied.

SOWK551, 552 (2,2)

Social Work Research I, II

A broad range of research tools available to

social workers to improve both the effectiveness and efficiency of their practice. Research methodologies, both quantitative and qualitative, presented. Students do a research project addressing a social problem. Corequisite: SOWK535 or permission of instructor.

SOWK589

Foundation Portfolio Seminar

Students collectively review and evaluate their progress in the MSW Program, addressing issues related to the integration of classroom and field experience in completing their professional portfolios. Prerequisite: Advanced year placement.

ADVANCED-YEAR

SOWK631, 632 (2

Policy for Social Change I, II

Students explore theory and apply it to community organizing, coalition building, and advanced-policy analysis; assess existing policies within various systems and study the impact of these policies; and plan and implement a social-action project. Prerequisite: Advanced-year placement.

SOWK635 (Field credit)

Field Instruction and Seminar

An opportunity for students to explore their classroom and field learning with the Director of Field and the practice-class instructor. Field seminar is integrated into either SOWK611, 112 or SOWK661, 662 advanced practice class and with the student's field placement. Prerequisite: Advanced-year placement.

SOWK651, 652 (2,

Advanced Practice Evaluation I, II

Prepares students to examine their own practice's quality. Attention given to selecting appropriate measurement tools. The latest evaluation techniques are presented, offering students resources for 21st-century practice. Pre/corequisites: SOWK635 and advanced-year placement.

SOWK689

Advanced Portfolio Seminar

Facilitates MSW closure prior to graduation. Students prepare and defend their portfolios. Each student reviews and documents his/her learning and personal goal attainment. Exploration of issues related to career development and life-long learning. Prerequisite: Advanced Practice SOWK611,112 or SOWK661,662.

DIRECT PRACTICE

OWK605

Advanced Clinical Assessment

Advanced assessment theories of and recent research into the etiology and psychopathology of social variance. Emphasis on developing differential diagnostic skills and holistic assessment from a strengths perspective. Prerequisite: Advanced-year status.

SOWK611, 612

Advanced Interpersonal Practice I, II

Theory and skills necessary for social work practice expanded. Various theories with corresponding tests and measures explored. Special emphasis on ensuring competence and critical-thinking skills necessary for differential, empirically based selection of interventive methods. Professional responsibility for evaluating and

communicating outcomes and developing research highlighted. Prerequisite: Advanced-year placement.

SOWK625 (3)

Organization and Supervision

An understanding of basic organizational structure, theory, and culture including the framework for understanding basic management theories and how to apply these to supervision. Attention given to creative trends and experimental methods in staff development and empowerment. Corequisites: SOWK635 and advanced-year placement.

ADVANCED ADMINISTRA-TION AND DEVELOPMENT

SOWK645 (2)

Human Service Management Information Systems (MIS)

The use and development of computerized Human Service MIS is presented. Applications such as spreadsheets, multi-media training systems, and clinical-management software are shared. Prerequisite: Advanced-year placement.

SOWK655 (3)

Organizational/Community Assessment

The basic underpinnings of organizational dynamics. Students explore the historical influences on and current challenges faced by social-work managers. The basics of management-assessment skills and human issues that impact organization explored. Prerequisite: Advanced-year placement.

SOWK661, 662 (4,4) Administration and Development Practice I.

Administration and Development Practice I, II

Framework of administrative and development methods. Students explore how leadership styles, communication, planning, organizing, decision making, and marketing impact organizations. Students learn skills for fund raising, grant writing, budgeting, accounting, human relations, and board and volunteer management; practice proposal writing, and have hands-on experience using computer applications. Prerequisite: Advanced-year placement.

GRADUATE ELECTIVES

SOWK620 Alt (3)

School Social Work

Required for students who wish to practice social work in a school setting. Various aspects of practice included: the students, the community, the school staff, and innovative social-work-practice techniques.

SOWK628 (2)

Treatment of Adult Mental Disorder

Exposure to the primary clinical social goals of assessment, diagnosis, and treatment by examining the common adult and mental disorders. Emphasis placed on assessment factors, including cultural, psycho-social and evaluation of symptoms. Specific treatment techniques for each diagnosis explored. Prerequisites: SOWK511, 512 or advanced placement.

SOWK629 (2)

Social Work in Health Care

Various roles for advanced practitioners in the

health-care environment are explored. Current issues and the challenges created by managed care upon health-care social workers are emphasized. The impact of current demographic trends on health-care-service delivery are addressed. Prerequisites: SOWK512 or advanced place-

SOWK636

Mental Disorders and Deviant Behavior in Children and Youth

Examines dysfunctional behavior of children and youth. Focus on observation, assessment, measurement, and intervention from an ecological perspective. Presents the social worker's role in designing interventions sensitive to gender, race, ethnic, and socio-economic differences. Prerequisites: SOWK511,512 or advanced placement.

SOWK640 **(2)**

Intervention in Marital Conflict

Preparation for solution-focused brief marital therapy. It seeks to uncover and utilize counselee's strengths to improve marital communication and satisfaction. Research-based techniques applied through role-playing and other experiential activities. Prerequisite: SOWK422 or SOWK511 or an equivalent graduate course in social-work methods or counseling.

SOWK647 (2)

Crisis Intervention

Survey of brief treatment models. Direct application of the different approaches to populations in crisis. Prerequisite: SOWK512 or advanced placement.

SOWK657

Cognitive and Behavioral Theory

The research-based theory and techniques of cognitive and behavioral therapy. Focuses on the use of cognitive behavioral therapy with individuals, couples, or groups experiencing problems related to depression, pain, addictions, anxiety disorders, and phobias. Ethical and legal implications considered. Prerequisite: SOWK512 or advanced placement.

(1-3)

Independent Study/Research

Open to qualified students who show ability and initiative. See the department policy for specific requirements. Prerequisites: Permission of Graduate Program Director and instructor.

SPEECH-**LANGUAGE PATHOLOGY AND AUDIOLOGY**

Bell Hall, Room 157 (616) 471-3468 speech@andrews.edu http://www.andrews.edu/SPPA

Pamela S. Dutcher, Chair Lena G. Caesar Mary Jo Canaday

Academic Programs	Credits
BS: Speech-Language Pathology and	
Audiology	64
Minor in Speech-Language Pathology	
and Audiology	30

Speech-language pathology and audiology are two disciplines that focus on communication problems. Speech-language pathologists work with individuals who have difficulties (1) learning to speak, (2) understanding others, (3) using their voices, (4) speaking fluently, and (5) feeding and/or swallowing. Audiologists work with individuals who have difficulty hearing.

A major in speech-language pathology and audiology offers pre-professional education for those interested in becoming speech-language pathologists or audiologists. The department is affiliated with the Lakeland Hearing and Speech Center where students observe and work with individuals who have a variety of communication problems.

The major may be completed during a student's junior and senior years. Individuals desiring to become speech-language pathologists or audiologists must obtain a master's degree in either of these areas. Details of graduate programs are available through the department office.

With the exception of SPPA234 and SPPA270, a cumulative 2.25 GPA is required before entering 200-level courses. A cumulative 3.00 GPA is required before entering 300- or 400-level courses. Exceptions require departmental approval.

Programs

BS: Speech-Language Pathology and Audiology—64

SPPA234, 270, 280, 285, 321, 322, 331, 332, 374, 384, 420, 430, 444, 445, 450, 458, 470, 471, and 472.

Required Cognate: STAT285.

Recommended Courses: PHYS405, ENGL460.

Minor in Speech-Language Pathology and Audiology—30

SPPA234, 280, 321, 322, 331, and 9 credits of electives in speech-language pathology and

Students in education, communication, and behavioral science find a speech-language pathology and audiology minor helpful for increasing their awareness and understanding of people with speech, language, and hearing impairments. The minor also gives students with another major the necessary background to pursue graduate studies in speech-language pathology or audiology.

Courses

(Credits)

See inside back cover for symbol code.

(4)

Introduction to Speech-Language Pathology and Audiology

Introduces the professions of speech-language pathology and audiology. Surveys the possible etiologies and characteristics of various communication problems encountered by clinicians. Language and communication differences in a multicultural society are examined.

SPPA250

Fieldwork

(2)

Students will participate in selected speechlanguage and audiology experiences in the community. Consult class schedule for specific area. Open to majors who have applied one quarter in advance. Repeatable.

SPPA270 **(1)**

Preclinical Observation

Students observe and write reports on a total of 25 hours of therapy and/or diagnostic sessions in the areas of speech-language pathology and audiology. They also participate in discussions of procedures used by the professionals during therapeutic interventions.

SPPA280 \$ (5) Anatomy and Physiology of Speech and

Hearing

The study of the structural anatomy and the physiology of respiration, hearing, phonation, articulation, and the nervous system. Students participate in a gross-anatomy lab scheduled once a week.

SPPA285 (4)

Applied Phonetics

A study of the International Phonetic Alphabet and its application to speech and hearing sciences. Includes an introduction to acoustic theory and spectrographic analysis of speech. Skill is developed in transcription of both normal and disordered speech in children and adults.

(4)

Speech and Language Development

A comprehensive look at the normal development of speech and language in the child. Includes the areas of language prerequisite skills, phonology, morphology, semantics, syntax, and pragmatics.

SPPA322 **(4)**

Child Language Disorders

A study of the factors contributing to the devel-