SOUTHWEST TEXAS STATE UNIVERSITY

Undergraduate Catalog 2000-2002

Ninetieth Edition



Southwest Texas State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone number 404-679-4501) to award bachelor's, master's and doctor's degrees.

Undergraduate Bulletin (USPS 075-160) Southwest Texas State University San Marcos, Texas 78666 Vol. LXV, No. 1, January 2000

Published four times a year in January, February, March, and April. Second class postage paid at San Marcos. Texas.

POSTMASTER: Send notification (Form 3579) regarding undeliverable bulletins to Southwest Texas State University, 601 University Drive, San Marcos, Texas 78666.

No person shall be excluded from participation in, denied the benefits of, or be subject to discrimination under any program or activity sponsored or conducted by Southwest Texas State University on any basis prohibited by applicable law, including, but not limited to, race, color, age, national origin, religion, sex, or handicap.

ACCREDITATIONS & MEMBERSHIPS

Southwest Texas State University is accredited by the following:

AACSB-International Association for Management Education Accrediting Commission on Education for Health Services Administration American Association of Family and Consumer Sciences

> American Bar Association American Chemical Society

American Speech-Language-Hearing Association

Association of University Programs in Health Administration

Commission on Accreditation/Approval for Dietetic Education of the American Dietetic Association

Commission on Accreditation of Allied Health Education Programs Commission on Accreditation of Physical Therapy Education Computer Science Accreditation Board

Council on Social Work Education

Council for Accreditation of Counseling and Related Educational Programs Foundry Education Foundation

Foundation for Interior Design Education Research National Academy of Early Childhood Programs

National Accrediting Agency for Clinical Laboratory Sciences

National Association for the Education of Young Children

National Association of Boards of Examiners for Nursing Home Administrators National Association of School Psychologists

National Association of Schools of Music
National Association of Schools of Public Affairs and Administration
National Recreation and Park Association
Texas State Board for Educator Certification

Southwest Texas State University is a member of the following (among many others):

Agriculture Consortium of Texas

American Association of Colleges for Teacher Education American Association of State Colleges of Agriculture and Renewable Resources American Council on Education

> Association of American Colleges and Universities Association of State Colleges and Universities

Association of Texas Colleges and Universities Association of Texas Graduate Schools

Association of Texas Graduate Schools College Reading and Learning Association

Council of Colleges of Arts and Sciences

Council of Graduate Schools in the United States

Great Plain Regional Honors Council

International Technology Education Association National Association of Colleges and Teachers of Agriculture

National Association of Industrial Technology

National Collegiate Honors Council

Society of Manufacturing Engineers

Texas Association for Schools in Engineering Technology Texas Association of Colleges for Teacher Education Teacher Education Council of State Colleges and Universities

This catalog is a general information publication only. It is not intended to nor does it contain all regulations that relate to students. The provisions of this catalog do not constitute a contract, expressed or implied, between any applicant, student, faculty member, or staff employee and Southwest Texas State University or the Texas State University System. In the event of conflict between the provisions of this catalog and the Texas State University System *Rules and Regulations*, the latter shall govern. SWT reserves the right to withdraw courses at any time, to change its fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled. Questions regarding current information should be addressed to the office of the Vice President for Academic Affairs.

Each semester's class schedule is available at registration in printed form. Additional academic information is available from the office of the Vice President for Academic Affairs, the offices of the college deans, and academic departmental offices.

CONTENTS

General Information	
Official University Calendar	
History	
University Mission	
Statement of Core Values	9
Students' Rights, Privileges, and Expectations	9
Student Right-to-Know and Campus Security Act	10
Multicultural Policy Statement	10
Student Identification by Social Security Number	10
Disability Services	
Albert B. Alkek Library	11
Admissions	14-27
Residence Life	27-29
Financial Aid	29-31
Career Services	31-32
Fees and Expenses	36-49
Academic Policies	52-62
Degrees and Programs	66-81
University College	
College of Applied Arts	94
Aerospace Studies	95-96
Agriculture	
Criminal Justice	
Family and Consumer Sciences	112-125
Military Science	126-127
Occupational Education	128-132
College of Business Administration	136-140
Accounting	141-144
Computer Information Systems and Quantitative Methods	145-149
Finance and Economics	150-156
Management	157-160
Marketing	161-162
College of Education	
Curriculum and Instruction	177-184
Educational Administration and Psychological Services	185
Health, Physical Education, Recreation and Dance	186-205
College of Fine Arts and Communication	208
Art and Design	209-225
Mass Communication	226-232
Music	233-248
Speech Communication	249-254
Theatre	255-262
College of Health Professions	266
Clinical Laboratory Science	267-269
Communication Disorders	270-273
Health Administration	
Health Information Management	

Health Services and Research	283-287
Physical Therapy	288
Radiation Therapy	289-292
Respiratory Care	293-296
Social Work	
College of Liberal Arts	304-306
International Studies	306-314
Anthropology	315-319
English	
Geography	329-339
History	340-346
Modern Languages	347-352
Philosophy	353-357
Political Science	358-366
Psychology	367-372
Sociology	
College of Science	382
Biology	
Chemistry and Biochemistry	
Computer Science	
Mathematics	404-410
Physics	
Technology	
Board of Regents and University Administration	
Faculty	433-452
Distinguished Professor Emeriti	
Professor Emeriti	453-454
Associate Professor Emeriti	454
Assistant Professor Emeriti	
Instructor Emeriti	
Retired Faculty	
Index	
Key Internet Addresses	463

OFFICIAL UNIVERSITY CALENDAR

Fall 2000

April 6-21, 2000	T-F
	F
July 17, 2000	M
August 2, 2000	W
August 4, 2000	F
August 11, 2000	F
August 11, 2000	F
	Н
	Н
	W
	Sat
	W-H
	M-Tu
	M-F
	M-Tu
	M-Tu
	M-Tu
	Tu
	Tu
	W
	W-F
	F
	M
	W
	F
	F
	Tu
	F
	F
	W
	H
	W
	Th-Su
	Su
	W
	F
	M
December 13-19, 2000	W-Tu
	F
	Sa
•	Sa
January 10, 2001	T
	July 7, 2000 July 17, 2000 August 2, 2000 August 4, 2000 August 11, 2000

Undergraduate Commencement

Spring 2001 Classes Begin January 16, 2001 Τ Last Class Day April 30, 2001 Μ Final Exams May 2-8, 2001 W-T Undergraduate Commencement May 12, 2001 Sa Fall 2001 Classes Begin August 29, 2001 W Last Class Day December 10, 2001 Μ W-T Final Exams December 12-18, 2001 **Undergraduate Commencement** December 22, 2001 Sa Spring 2002 Classes Begin January 14, 2002 Μ Last Class Day April 29, 2002 M May 1-7, 2002 W-T Final Exams

May 11, 2002

Sa

SOUTHWEST TEXAS STATE UNIVERSITY

History

Authorized by the Texas Legislature in 1899, Southwest Texas State Normal School opened its doors in 1903. Over the years, the Legislature broadened the institution's scope and changed its name, in succession, to Normal College, Teachers College, College, and in 1969, University. Each name change reflects the university's growth from a small teacher preparation institution to a major multipurpose university.

SWT's original mission was to prepare Texas public school teachers, especially those of the south central area. It became renowned for carrying out this mission, but today it does far more. The university currently offers programs in the College of Applied Arts, College of Business Administration, College of Education, College of Fine Arts and Communication, College of Health Professions, College of Liberal Arts and College of Science. The University College oversees the undergraduate general education core curriculum and undergraduate advising as well as the freshman year experience. The Graduate College provides opportunities for continued intellectual growth through advanced and specialized education that develops leaders on the professions and in research.

As the university's student population has grown—from 330 in 1903 to nearly 22,000 in 1999—the campus, too, has expanded and today SWT is the sixth largest public university in the state. Overlooking the campus and serving as a landmark since 1903 is Old Main, a red-gabled Victorian building restored to its original grandeur.

In 1979, after adding a number of classroom buildings and residence halls, the university purchased the former San Marcos Baptist Academy adjacent to the original campus. In 1981, South Texas entrepreneur Harry M. Freeman donated a 3,500-acre ranch to SWT to be held in perpetual trust as the Harold M. Freeman Educational Foundation. The working ranch is used as a laboratory for students in agriculture, animal science, biology and a variety of other academic disciplines. In 1990, the university opened the Albert B. Alkek Library. The building, conveniently located in the center of campus, is named for the noted Texas rancher, oil man and educational philanthropist who died in 1995.

SWT acquired one of the most unique ecosystems in the world in 1994 when it purchased the former Aquarena Springs resort and theme park. The purchase allowed the university to serve as steward of the headwaters of the San Marcos River, preserving and protecting the area for future generations of Texans. Now called the Aquarena Center, the 90-acre property is home to the Office of Continuing Education and is the site of a wide variety of educational and research pursuits. Aquarena Center is home to several endangered species of plants and animals that exist nowhere else in the world.

In 1998, SWT joined forces with other area universities to establish the North Austin/Williamson County Multi-Institution Teaching Center (MITC). The MITC combines the efforts of SWT, Austin Community College, Concordia University at Austin, St. Edward's University and Temple College at Taylor to offer educational opportunities in the North Austin area.

SWT is located in San Marcos, a Hill Country community about halfway be-

tween Austin and San Antonio. Its location on the banks of the San Marcos River provides recreational and leisure activities for students throughout the year.

Southwest Texas became part of the Texas State University System in 1911. That system is governed by a nine-member Board of Regents. Other components in the system include Angelo State University, Lamar University-Beaumont, Lamar University Institute of Technology, Lamar College-Orange, Lamar College-Port Arthur, Sam Houston State University and Sul Ross State University. The first president of SWT was Mr. T.G. Harris, who served from 1903 to 1911. He was followed by Dr. C.E. Evans, 1911-1942; Dr. J.G. Flowers, 1942-1964; Dr. James H. Mc-Crocklin, 1964-1969; Dr. Leland E. Derrick (acting), 1969; Dr. Billy Mac Jones, 1969-1973; Mr. Jerome C. Cates (interim), 1973-1974; Dr. Lee H. Smith, 1974-1981; Mr. Robert L. Hardesty, 1981-1988; Dr. Michael L. Abbott (interim), 1988-1989; and Dr. Jerome Supple, 1989-present.

University Mission

Southwest Texas State University (SWT) was established in 1899 to address the state's need for excellent teachers. Throughout its rich history, SWT has responded to the changing needs of our state. Today, SWT is a comprehensive, culturally diverse, university offering undergraduate and graduate instruction to citizens across Texas as well as those from other states and nations. SWT is also a metropolitan university, providing special service to the greater Austin-San Marcos-San Antonio region. Although the teaching-learning experience, supported by research and creative activity, is the heart of SWT, we also encourage involvement in extra curricular activities and the development of leadership. We teach the skills that will prepare students for tomorrow's careers, and we introduce them to ideas and experiences that will broaden their lives forever, as we pursue the following purposes:

Undergraduate Education.

To provide undergraduate students with a broad base of knowledge, collegelevel competencies, and specialized courses of study selected from a comprehensive range of undergraduate programs.

Graduate Education.

To provide graduate students the opportunity to expand their knowledge in a variety of specialized programs through research, creative expression, and advanced study.

Scholarship.

To contribute to the greater body of knowledge in specific disciplines through research, scholarship, and creative expression.

Service to State and Community.

To serve as a professional, educational, and cultural resource to the local area and the large community by providing consultation, advice, and special services.

Enriched Learning Community.

To develop a technology-enhanced learning community reflecting the rich diversity of the state.

Campus Environment.

To sustain an environment for learning and professional development that is supportive, inclusive, and welcoming.

Personal Growth.

To develop the full potential of each individual.

We fulfill this mission by adopting goals and implementing strategies that we identify in SWT's Strategic Plan. We demonstrate our accountability through careful assessment and continuous improvement.

Statement of Core Values

Philosophy

We, the faculty, staff, and students at SWT, affirm that our university exists to enrich our minds and to humanize our hearts so that we might contribute to the betterment of humanity. We are dedicated to providing a curriculum and educational experience that develop our capacities not only to analyze critically and think creatively, but also to reason ethically and feel compassionately.

To guide us as we learn to evaluate the consequences of our actions-not to indoctrinate either intellectually, morally, or religiously-we articulate the following:

Core Values

The lifelong pursuit of academic excellence.

We value the seeking of knowledge, including the freedom to engage in meaningful debate and the responsibility to continually explore new possibilities for learning.

The nurturing of individuals.

We value the opportunity to develop the potential of every individual of our diverse community.

The cultivation of character.

We value the modeling and teaching of honesty, integrity, diligence, courage, compassion, fairness, and respect.

A Continuing Process

We see the articulation of this statement as ongoing. Its publication should serve to keep dialogue continually alive; and it should be formally reviewed every two years to decide whether publication should be renewed and, if so, in what form.

Students' Rights, Privileges, and Expectations

Southwest Texas State University believes that the primary purpose of higher education is to promote learning and stimulate inquiry for truth in an atmosphere of freedom. The university is committed to the value of a racial and ethnic diversity. Accordingly, the university encourages students to exercise the rights of citizenship. However, these rights are subject to reasonable limitations necessary for the orderly operation of the university. The university expects students to accept their responsibilities as citizens and members of a scholarly community. Paramount among these responsibilities are respect for the rights of others, academic and personal integrity, and adherence to federal, state, and local law as well as university regulations.

The faculty and administration are genuinely concerned with the physical and ethical welfare of students. To that end, the university has established rules of conduct and has published these in a Code of Student Conduct. These regulations guide students in achieving personal and academic goals and help the university function in an orderly way. Since students voluntarily associate themselves with the university, they should know that these rules are honestly and faithfully enforced. The rules include clear prohibitions against sexual or racial harassment.

The administration and faculty encourage students to participate in managing the university through its system of advisory councils and committees. Students are invited to serve as voting members of many of these groups, and are expected to contribute actively to their success. Students may submit recommendations for changes in policy, not only through the committee structure, but also through their own student government.

Student Right-to-Know and Campus Security Act

Campus Watch, the annual campus security report for SWT, includes descriptions of campus crime prevention programs, procedures for reporting crimes on campus and information about the number and frequency of crimes reported to the University Police Department in the last three years. It also provides summaries of SWT's policies for campus security and law enforcement related to sexual offenses, liquor law violations, and controlled substance offenses. The Campus Watch is available on the SWT web site at www.vpsa.swt.edu, in the Undergraduate Admissions Office, The Graduate College, Personnel, the University Police Department, or in SWT's Schedule of Classes. Call 512-245-2111 to have a copy mailed free of charge.

Multicultural Policy Statement

Southwest Texas State University believes that freedom of thought, innovation and creativity are fundamental characteristics of a community of scholars. To promote such a learning environment, the university has a special responsibility to seek diversity, to instill a global perspective in its students, and to nurture sensitivity, tolerance and mutual respect. Discrimination against or harassment of individuals on the basis of race, color, national origin, religion, sex, age, or disability are inconsistent with the purposes of the university.

Student Identification by Social Security Number

From time to time the university requires that its students and applicants for admission furnish their social security numbers. The university uses these social security numbers to verify identities. Disclosure of these social security numbers is mandatory. The university's record-keeping system was established prior to January 1, 1975, pursuant to the authority given the Board of Regents, Texas State University System, in Section 95.21 of the Texas Education Code. These numbers are also solicited under the statutory authority of 42 U.S.C.A. Section 405 (c) (2) (C).

Office of Disability Services

Southwest Texas State University does not discriminate on the basis of disability in the recruitment and admission of students to the university. Students with disabilities must meet the same admission requirements as other students. A student whose educational and/or personal goals for success have been negatively impacted due to disability-based reasons may wish to address this in the supplemen-

tal essay portion of the admission application. This information may be considered by the admission office during the application review process.

The Office of Disability Services (ODS) at SWT assists students with disabilities to independently achieve their educational goals and enhance their leadership development by providing reasonable and appropriate accommodations. The ODS facilitates access to university programs, services and activities in the most integrated setting appropriate. In order to qualify for services, a student must provide the ODS with verification of disability. Students with learning disabilities must provide an evaluation which has been completed within the last five years. To ensure a timely review of documentation and provision of support services, students are requested to provide verification of disability at least thirty days prior to attendance at the university. Students needing sign language or oral interpreting services for admissions counseling, academic advising and orientation services should contact ODS one week prior to the event to ensure interpreter availability.

Students with disabilities may be entitled to financial assistance from the Texas Commission for the Blind, Texas Commission for the Deaf or the Texas Rehabilitation Commission.

The university has established a grievance procedure for the prompt and equitable resolution of complaints related to illegal discrimination on the basis of disability. This grievance procedure is described in UPPS No. 04.04.46, Illegal Discrimination. A copy is available in the university library, the Office of Disability Services and most other university offices. Students who have concerns or complaints should contact the Director of Disability Services at (512) 245-3451 (voice/TTY) or the university ADA Coordinator at (512) 245-2278 (voice/TTY).

For more information on services for students with disabilities at Southwest Texas State University call (512) 245-3451 (voice/TTY), write 601 University Drive, Suite 5-5.1 LBJ Student Center, San Marcos, TX 78666 or e-mail disability-services@swt.edu.

Albert B. Alkek Library

The Alkek Library contains more than 1.2 million volumes of books, documents, serials and other printed material. In addition, there are over 216,687 volume equivalents in microform and 22,000 AV titles, which includes over 1,400 software programs for the public microcomputer lab. The library receives 5,584 periodical and serial titles.

An on-line catalog which can also be accessed via the Internet provides information on the library's holdings. Other automated resources include CD ROM indexes and a growing number of electronic journals and databases.

The library maintains cooperative borrowing agreements with other libraries in the region. In addition, through TexShare, a state-wide resource sharing program, faculty and students may borrow materials at most of the public and private university libraries as well as community college libraries in the state.

The library's Special Collections Department is home to the Southwestern Writers Collection and the Wittliff Gallery of Southwestern and Mexican Photography. Library support facilities include a networked microcomputer lab with IBM compatible and Macintosh workstations. Lab equipment also includes laser printers, scanners, video editing equipment and adaptive equipment for disabled individuals.

More information about the library is available at any of the service points in the building or through the Alkek Library's web page found at: http://www.library.swt.edu.