

DEGREES AND PROGRAMS

Texas State University-San Marcos offers a full range of specialized programs in business administration, education, the liberal arts, the fine arts, sciences, applied arts, and health professions. This section of the catalog gives basic information about the undergraduate degrees, majors, minors, and alternative curricula available at Texas State. All these specialized programs rest on the broad foundation of general education core curriculum required of all students. For information about Texas State's general education core curriculum, see the University College section of this catalog.

All bachelor's degrees require a minimum of 128 semester hours, including 39 advanced hours. Any degree program of 130 hours or more may be considered a five-year program. The number of free elective hours a student will complete depends on the number of hours a student may need to achieve the 128 and/or the 39 advanced total hours required. Many degrees can be planned to include teacher certification. To learn more about a particular degree or major, including required hours, consult the individual sections of this catalog.

Undergraduate Degrees Offered at Texas State

Bachelor of Applied Arts and Sciences (BAAS)
 Bachelor of Arts (BA)
 Bachelor of Arts in International Studies (BAIS)
 Bachelor of Business Administration (BBA)
 Bachelor of Exercise and Sports Science (BESS)
 Bachelor of Fine Arts (BFA)
 Bachelor of Health and Wellness Promotion (BHWP)
 Bachelor of Healthcare Administration (BHA)
 Bachelor of Music (BM)
 Bachelor of Public Administration (BPA)
 Bachelor of Science (BS)
 Bachelor of Science in Agriculture (BSAG)
 Bachelor of Science in Applied Sociology (BSAS)
 Bachelor of Science in Clinical Laboratory Science (BSCLS)
 Bachelor of Science in Communication Disorders (BSCD)
 Bachelor of Science in Criminal Justice (BSCJ)
 Bachelor of Science in Health Information Management (BSHIM)
 Bachelor of Science in Family and Consumer Sciences (BSFCS)
 Bachelor of Science in Radiation Therapy (BSRT)
 Bachelor of Science in Recreational Administration (BSRA)
 Bachelor of Science in Respiratory Care (BSRC)
 Bachelor of Science in Technology (BST)
 Bachelor of Social Work (BSW)

Bachelor of Arts

Majors may be selected from the following: anthropology, art, biology, chemistry, communication studies, computer science, economics, English, French, geography, German, history, mass communication, mathematics, music, philosophy, physics, political science, psychology, sociology, Spanish, and theatre.

Minors. A minor is required and may be selected from any of the Texas State approved minors.

Regardless of major or minor, candidates for the Bachelor of Arts (BA) must meet the following requirements:

Science Requirement. In addition to completing the mathematics and natural science requirements of the General Education Core Curriculum, students seeking the Bachelor of Arts degree must complete one additional science course (3-4 hours) from the departments of anthropology (physical anthropology only), biology, chemistry, computer science, geography (physical geography only), mathematics, philosophy (logic only), and physics.

Modern Language Requirement. A proficiency level of successful completion of Arabic, French, German, Italian, Japanese, Portuguese, or Spanish 2310 and 2320. Most students will complete 1410 and 1420 as prerequisites before attempting 2310.

English Requirement. Two semesters of literature selected from ENG 2310, 2320, 2330, 2340, 2359, or 2360.

Bachelor of Science

Majors must be selected from the following: applied mathematics, biochemistry, biology, chemistry, computer science, dance, geography, industrial engineering, long term care administration, manufacturing engineering, mathematics, physics, and psychology. A minor is required and may be selected from any of Texas State approved minors.

A major in interdisciplinary studies is available for those students who want a program for Early Childhood through Grade 4 or Grades 4-8 teacher certification. See the Department of Curriculum and Instruction for more information.

Minors. A minor is required and may be selected from any of the Texas State approved minors.

Undergraduate Majors Offered at Texas State

Major	Degree	Minimum Hours Required	Teaching Certification
Accounting	BBA	128	
Agriculture-Animal Science	BSAG	129	
Agriculture-Business & Management	BSAG	128	
Agriculture	BSAG	132	Optional
Anthropology	BA	128	
Applied Arts & Sciences	BAAS	128	Optional
Applied Mathematics	BS	129	
Applied Sociology	BSAS	128	
Art	BA	128	Optional
Athletic Training	BESS	129	Optional
Biochemistry	BS	130	
Biology	BA	128	
Biology	BS	128	
Biology-Aquatic Biology	BA	128	
Biology-Aquatic Biology	BS	128	
Biology-Botany	BA	129	
Biology-Botany	BS	129	
Biology-General Physiology	BA	128	
Biology-General Physiology	BS	128	
Biology-Marine Biology	BA	138	
Biology-Marine Biology	BS	138	

Biology-Microbiology	BA	128	
Biology-Microbiology	BS	128	
Biology-Wildlife Biology	BA	137	
Biology-Wildlife Biology	BS	137	
Biology-Zoology	BA	128	
Biology-Zoology	BS	128	
Chemistry	BA	128	
Chemistry	BS	128	
Clinical Laboratory Science	BSCLS	136	
Communication Design	BFA	130	
Communication Disorders	BSCD	132	
Communication Studies	BA	128	Optional
Computer Information Systems	BBA	128	
Computer Science	BA	128	Optional
Computer Science	BS	128	Optional
Criminal Justice	BSCJ	128	
Criminal Justice-Corrections	BSCJ	128	
Criminal Justice-Law Enforcement	BSCJ	128	
Dance	BS	129	Optional
Digital and Photographic Imaging	BFA	128	
Economics	BA	128	
Economics	BBA	128	
Engineering Technology	BST	139	
English	BA	128	Optional w/ add'l hours
Exercise & Sports Science	BESS	128	Optional
Family & Child Development	BSFCS	128	Optional w/ add'l hours
Family & Consumer Sciences	BSFCS	128	Optional
Fashion Merchandising	BSFCS	128	
Finance	BBA	128	
French	BA	128	Optional w/ add'l hours
Geography	BA	129	
Geography	BS	129	Optional w/ add'l hours
Geography-Geographic Information Science	BS	129	
Geography-Physical Geography	BS	129	
Geography-Resources & Environmental Studies	BA	129	
Geography-Resources & Environmental Studies	BS	129	
Geography-Urban & Regional Planning	BA	129	
Geography-Urban & Regional Planning	BS	129	
Geography-Water Studies	BS	128	
German	BA	128	Optional w/ add'l hours
Healthcare Administration	BHA	128	
Health & Fitness Management	BESS	134	
Health & Wellness Promotion	BHWP	137	Optional
Health Information Management	BSHIM	130	
History	BA	128	Optional w/ add'l hours

Industrial Engineering	BS	136	
Industrial Technology	BST	130	Optional
Industrial Technology- Construction Technology	BST	133	
Industrial Technology- Manufacturing Technology	BST	130	
Information Systems Management	BST	129	
Interdisciplinary Studies	BS	130	Yes
Interior Design	BSFCS	128	
International Studies	BAIS	128	
International Studies-Asian Studies	BAIS	128	
International Studies- European Studies	BAIS	128	
International Studies- Interamerican Studies	BAIS	128	
International Studies- International Relations	BAIS	128	
International Studies- Middle East/African Studies	BAIS	128	
International Studies- Russian/East European Studies	BAIS	128	
Long Term Care Administration Management	BS BBA	130 128	Optional
Manufacturing Engineering	BS	136	
Marketing	BBA	128	
Mass Communication-Advertising	BA	128	
Mass Communication-Electronic Media	BA	128	
Mass Communication	BA	128	Optional
Mass Communication- Print Journalism	BA	128	
Mass Communication- Public Relations	BA	128	
Mathematics	BA	128	Optional
Mathematics	BS	128	Optional
Music	BA	128	
Music	BM	138	Yes
Music-Jazz Studies	BM	132	
Music-Performance	BM	128	
Music-Sound Recording Technology	BM	136	
Musical Theatre	BFA	131	
Nutrition & Foods	BSFCS	128	Optional w/ add'l hours
Philosophy	BA	128	
Physics	BA	128	
Physics	BS	128	
Political Science	BA	128	Optional w/ add'l hours
Psychology	BA	128	
Psychology	BS	128	
Public Administration	BPA	128	
Radiation Therapy	BSRT	136	
Recreational Administration	BSRA	130	
Respiratory Care	BSRC	137	
Social Work	BSW	135	
Sociology	BA	128	
Spanish	BA	128	Optional w/ add'l hours
Studio Art	BFA	128	Optional

Theatre	BA	128	
Theatre	BFA	128	Optional

Undergraduate Minors offered at Texas State

Please refer to the appropriate department, school, or program sections in this catalog for more specific requirements for the minors listed below.

Aerospace Studies.....	19 hours.	AS 1110, 1120, 2110, 2120, 3311, 3312, 4311, 4312 and 3 hours of MATH.
Agriculture.....	19 hours.	AG 1445, 2313, 2373, and 9 hours of advanced AG.
Animal Science.....	19 hours.	AG 1445, 3325, 3331, and 3 courses from AG 3301, 3314, 3321, 4326, 4330.
Anthropology.....	20 hours.	ANTH 1312, 2414, 2415, and 9 hours of advanced ANTH electives.
Art and Design.....	24 hours.	ARTF 1301, 1302, 1303, and 15 additional Art hours, 12 of which must be advanced, chosen in consultation with the Chair, Department of Art and Design.
Biochemistry.....	24 hours.	CHEM 1141, 1142, 1341 1342; CHEM 2141, 2142, 2341, 2342; CHEM 3275, 3375, and 4360 or 4385.
Biology.....	21 hours.	BIO 1430, 1431, 2450, and at least 9 advanced BIO hours not to include BIO 4305, 4402, 4403, or 4408. Two semesters of CHEM, both lecture and lab, are required as prerequisites for BIO 2450.
Business Administration.....	18 hours.	ACC 2301 (or both ACC 2361 and 2362); ECO 2301 (or both ECO 2314 and 2315); and at least 12 hours chosen from: BLAW 2361, CIS 3317, FIN 3325, MGT 3303, and MKT 3343.
Chemistry.....	23 hours.	CHEM 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342; 3410, 3 advanced CHEM hours, not to include CHEM 4299.
Coaching Athletics.....	24 hours.	PE 1310, 2356, 3317, 3320, 3329, 4337; and 2 courses from PE 3340, 4391, 4392, or 4393.
Communication Studies.....	24 hours.	COMM 1310, 2315, 2330, 2338, 3327 and 3333, and 6 hours of COMM electives, 3 of which must be advanced. COMM 2111 and COMM 4111 will not be counted toward the minor.
Computer Science.....	28 hours.	CS 1318, 2308, 2318, 3358, 3409, and 6 hours advanced CS. MATH 2358 and 3398 are required as prerequisites of CS 3358 and 3409.
Consumer Science.....	18 hours.	FCS 1341, 3341, 3342, 4341 and 6 hours of electives from programs in the Department of Family and Consumer Sciences (FCD, FCS, FM, ID, or NUTR.)

Criminal Justice	18 hours. CJ 1310, 6 hours from the criminal justice core (CJ 2310, 2350, 2355, 2360) and 9 advanced hours of CJ.
Dance	29 hours. DAN 1170, 1190, 1191, 2208, 2209, 3330, 3332, 3365, 4330, 4367, 4368, and 4369 (DAN 1170 and 1190 must be taken to satisfy general education requirements).
Early Childhood Intervention.....	21 hours. FCD 2357, 3356, 4301, and 12 hours selected from CDIS 1331; FCD 2351, 2353, 3351, 4351, 4352, 4355; HIM 2360; NUTR 2360, 3365; PSY 2315, 3315; SOCI 3327, 3337; SOWK 1350, 2375, 4315; or SPED 2360.
Economics.....	18 hours. ECO 2314, 2315, and at least 12 hours of advanced ECO.
English.....	24 hours. ENG 1310 and 1320; 6 hours from ENG 2310, 2320, 2330, 2340, 2359, 2360; and 12 advanced hours of ENG electives. Minors must take advanced courses from at least two different groups (Group A-British Literature, Group B-American Literature, Group C-World Literature or Group D- Forms, Language, and Writing) and must complete 3 hours of literature before 1800.
Exercise and Sports Science.....	25 hours. PE 1310, 2356, 3117, 3317, 3320, 4323 or 3329, 4351, 3 hours physical education elective theory; 3 physical education major/minor courses (PE 1170-1192).
Family and Child Development	21 hours. FCD 1351, 2353, 3355, and 12 additional hours of FCD, 9 of which must be advanced, selected from: FCD 2351, 2357, 3350, 3351, 3353, 3354, 3356, 3358, 3394, 4101, 4301, 4351, 4352, 4355, 4356, 4357 or FCS 4303.
Family and Consumer Sciences	18 hours. FCS 1341 or 3341; FCD 3355; FM 2331 or 1332 or 3331; NUTR 3362; ID 3329; and 3 hours of electives. 9 hours must be advanced.
Fashion Merchandising	18 hours. FM 1330 and 15 hours from: FM 1332, 2330, 2331, 2334, 3330, 3331, 3332, 4331, 4337, 4339, or FCS 4302C.
Forensic Psychology	21 hours. CJ 1310, 2360, 3329; PSY 3315 or 3316; PSY 3331, PSY 4390E; and one course selected from ANTH 3344, CJ 4340, or SOCI 3343.
French	15 hours. FR 1410, 1420, 2310, and 2310 serve as prerequisites to all upper division courses. Students may satisfy these prerequisites by passing a credit-bearing test (e.g. CLEP or departmental proficiency exam) or successfully completing the courses.
Geography.....	19 hours. 3 hours from GEO 1309, 1310, or 3303; GEO 2410; and 12 elective hours of GEO, of which 9 hours must be advanced.
Geology	19 hours. GEOL 1410, 1420, 2410, and 7 hours from 3410, 3430, 3440, 4121, 4320, 4330, and 4421.

- German
 15 hours. GER 1410, 1420, 2310, and 2310 serve as prerequisites to all upper division courses. Students may satisfy these prerequisites by passing a credit-bearing test (e.g. CLEP or departmental proficiency exam) or successfully completing the courses.
- Health and
 Wellness Promotion 24 hours. H ED 1310, 2338, 2340, 3301, 3348, 3350, 4340, and 4350.
- Health Information
 Management 21 hours. HIM 3306, 3311, 3363, 3380, 4310, 4363, and 4385.
- Healthcare
 Administration 18 hours. HA 3308, 3324, and 4307; and 9 hours from: HA 2310, 2315, 3329, 3375, 4302, 4305, or 4315.
- History 24 hours. HIST 1310, 1320; 2310 or 2311 and 2312 or 2320; 12 hours of advanced HIST, consisting of 6 hours from Group A-Non U.S. History and 6 hours from Group B-U.S. History.
- Horticulture 18 hours. AG 2379, 3304, 3305, and 3 courses from AG 3306, 3455, 4300, or 4302.
- International Studies 33 hours. ANTH 1312; ECO 2314 and 2315; GEO 1310; HIST 2310 or 2311 and 2312 or 2320; POSI3322; CIS 1323 or HIST 3370; and one course from ECO 3317, POSI 4326, 4327, 4356, 4357, 4359, or 4367; six hours advanced electives (no more than three hours in one discipline) from the approved list in the Center for International Studies section of this catalog.
- Japanese
 15 hours. JAPA 1410, 1420, 2310, and 2310 serve as prerequisites to all upper division courses. Students may satisfy these prerequisites by passing a credit-bearing test (e.g. CLEP or departmental proficiency exam) or successfully completing the courses.
- Journalism 18 hours. MC 1301, 1313, 2374, 3383, 3390, and 4301; passing score on the GSP test.
- Leadership Studies 21 hours. COMM 2315 and 4347; PHIL 3322; 6 hours from COMM 2325, 2330, 2338, 3325, or MGT 3353; and 6 hours from COMM 3319, 4331, PSY 3331, 3333, HA 3324, 2310, MGT 3303, A S 3311, 3312, or any internship or practicum experience.
- Long Term Care
 Administration 18 hours. LTCA 3325, 3322, 3323, 3324, 3325, 4320 and 4335. Students desiring licensure must also complete three semesters of LTCA 4681 and have a baccalaureate degree.
- Mass Communication 18 hours. MC 3343, 3355, 3367, and 4302; six hours selected from 1301, 3375, 4303, 4356C, 4376A, 4382A, 4310, 4308, 4382D, 4382E, 4382H, 4382I, or 4309.
- Mathematics 17 hours. MATH 2471, 2472, and 9 hours of advanced MATH other than 3315, 4302, 4304, 4311 and 4382.

Media Studies	18 hours. MC 2319 and ENG 3307; 12 hours from: ANTH 3309; ARTH 4304; COMM 4307; ENG 3302, 3309, 3316, 3326, 3327, 3329; FCS 3391; GEO 2411, 3416, 4412, 4422, 4426, 4427; MC 3355, 3375, 4301, 4336B, 4382I; POSI 4301; SPAN 4350; TH 3342, 4363.
Medieval and Renaissance Studies	24 hours. ENG 2310 or 2330 and HIST 2310 or 2311; 18 hours from: ARTH 2301, 2302, 4306, 4322; DAN 4368, 4369; ENG 3319, 3350, 3351, 3352, 3353, 3354, 3356, 3392, 4351, 4355, 4358; FR 3301; GER 3301; MU 3315; MATH 4311; PHIL 2311; POSI 3332, 3333, 4313; SPAN 3301; TECH 3322; or TH 3320.
Military Science.....	23 hours. MS 1211, 1212, 2211, 2212, (or placement credit given for completing basic training or the Leader's Training Course) 3311, 3312, 4311, 4312, and one course in Military History. To be eligible to take courses 3311, 3312, 4311, or 4312 (advanced course), students must have prior approval by the department chair and sign a contract to enter the U.S. Army Reserves, Texas Army National Guard, or Active duty.
Music	22 hours. 4 hours applied music and/or ensembles; MU 1210, 1211, 1212, 1213, 2104, 2303 and 3318; and 3 hours advanced classes, ensembles or applied.
Nature and Heritage Tourism	24 hours. NHT 4301 and 4302; 18 hours (from at least two departments outside the student's major department) selected from: ACC 2361, 2362; AG 3318, 3321, 3351, 3355, 3426, 3427, 4383; ANTH 2415, 3314, 3315, 3331C, 3332, 3345, 3347, 3375, 4630; BIO 3422, 4305, 4410, 4415, 4416, 4420, 4421, 4422, 4423, 4434; ENG 3309, 3340G, 3345, 3346, 4325; GEO 2410, 3313, 3329, 3360, 4321, 4390, 4411, 4430; GEOL 1410, 1420, 3410; HIST 3353, 3369, 3370, 3372, 4372; MGT 3303, 3340, 4336; MKT 3343; PFW 1150H, 1190A, 1200, 1201, 1204, 1225; REC 1310, 1330, 3340, 3351, 4318, 4337; POSI 3328, 4322, 4361; or SOCI 3340, 3366, 3375. NHT minors must conform to all prerequisites and meet all requirements established by the respective departments.
Philosophy	18 hours. PHIL 1305; 15 hours of PHIL electives, of which 12 hours must be advanced.
Photography	24 hours. ARTF 1301, 1302, 1304, and 15 additional hours, of which 12 hours must be advanced, to be selected from: ARTS 2361, 3361, 3363, 3364, 3365, 4363, 4364, 4369, or ARTH 4305.
Physics	21 hours. PHYS 1430, 2425, 2435, 3312 and at least 6 hours of advanced PHYS.
Plant and Soil Science	20 hours. AG 2313, 2421, and 3426; 9 hours from AG 3301, 3321, 3427, or 3455.
Political Communication.....	24 hours. COMM 4345; 9 hours from COMM 2325, 2338, 3333, 4307, 4321, 4322, 4323, 4331, or 4338; 3 hours from POSI 3331, 3332, 3333, or 3334; 3 hours from POSI 3305, 3306, 3307, 3310, 3311, 3312, 3314, 4301, 4302, 4322, 4331, or 4345; 3 hours from POSI 3308, 3309, or 4311; and 3 hours from POSI 4313, 4314, 4338, 4340, 4341, 4350, 4351, 4340, 4315, 4326, 4327, 4349, 4357, 4358, or 4359.

- Political Science..... 24 hours. POSI 1308 or 1309; 2310 and 2320; 3 hours advanced POSI elective; and at least one POSI course from 4 of the 5 following groups (12 hours total): Group I- Political Theory and Methodology; Group II- American Government; Group III- Public Law and Public Administration; Group IV- Comparative Government; and Group V- International Relations.
- Psychology..... 18 hours. PSY 1300; 15 hours of PSY, of which 12 must be advanced.
- Public Administration 24 hours. POSI 2310, 2320, 3316, and 3377; 12 hours selected from: POSI 3310 or 3311; 3314 or 3319; and 3318, 3320, 3328, 4322, 4357, 4361, 4362, or 4381.
- Religious Studies 18 hours. Selected from: ANTH 3305, 3332; ARTH 3302; ENG 3329; HIST 4318; PHIL 3317, 3318, 3319, 4388; POSI 3306, 4313; or REL 2310, 2315, 2321, 3360, 3366, and 4388.
- Social Gerontology 18 hours. 9 hours from: SOCI 1310 (or 3300), 3383, SOWK 4320 or PSY 3313; and 9 hours from: SOCI 3308, 3327, 3337, 3383, 3384; PSY 2315, 3361; or REC 1320.
- Social Work 18 hours. SOWK 1350, 2375, 4355, and 9 hours of SOWK electives from 2320, 3312, 3339, 4310, 4315, 4318, or 4320.
- Sociology 18 hours. SOCI 1310; 15 hours of SOCI, of which 12 must be advanced.
- Southwestern Studies..... 18 hours. ENG 3345 and 3346; 12 hours selected from: AG 2421; ANTH 3314, 3315, 3324, 3331A, 3331C; ARTH 3304, 4303; BIO 3460, 4410, 4421, 4422; CI 3332; ENG 3309, 3344, 4325; ETHS 3301; GEO 3308, 3329; HIST 3320, 3325, 3327, 3329, 3353, 3372, 4372; NHT 4301, 4302; POSI 4331, 4338, 4358; SOCI 3327, 3366; SOWK 4310; or SPAN 3305, 3306, 3371, 4330, and 4370.
- Spanish.....
15 hours. SPAN 1410, 1420, 2310, and 2310 serve as prerequisites to all upper division courses. Students may satisfy these prerequisites by passing a credit-bearing test (e.g. CLEP or departmental proficiency exam) or successfully completing the courses.
- Sports Psychology..... 21 hours. PE 3317 and 3329; PSY 3331 and 4390L; PSY 3350 or 3361; PSY 3321 or 4322; and one course from the following: PHIL 3326, SOCI 3340, or an elective approved by the Department.
- Special Education 21 hours. SPED 2360, 3338, 3390, 4344, 4345, 4374, and 4381.
- Studies in Popular Culture 18 hours. SOCI 3317; 15 hours from: ANTH 3309; ARTH 4301; COMM 4307, 4321, 4322; ENG 3309, 3326, 3329, 3331; HIST 3343, 4376, 4361; MC 3355, 4308, 4382I; POSI 4301; or SOCI 3324, 3333, 3340, and 3366.
- Technology 18 hours. Minimum of 9 advanced hours. Courses chosen in consultation with a departmental advisor or Chair of the Department of Engineering and Technology.

- Theatre..... 24 hours. TH 1358, 1364, and 2338; 15 hours of TH electives, 9 of which must be advanced, chosen in consultation with Chair of the Department of Theatre and Dance.
- U.S. Ethnic Studies 18 hours. ETHS 3301; 9 hours from the general requirement block: ANTH 3314, 3315, 3324, 3331A, 3331C, 3332, 3345, 3375C; ENG 3331, 3344; HIST 3320, 3327, 3329, 3359, 4371, 3369Z, 4372; MU 3375; POSI 4331, 4331B, 4331C, or SPAN 3305, 3306, 3371, and 4370; and 6 hours from the general concepts elective block: ANTH 1312, 3370; ARTH 4301; ASD 3310; COMM 3329, 4322; ENG 3345, 3346, FCD 4351; GEO 3306, 3308, 3329, 3353; HIST 3353, 4376, 3372, 3375A, 3380, 4337; HON 3392E; MC 4308; POSI 3319, 3395; PSY 3334; SOWK 4310, SOCI 3327, 3366, 3375, or SPAN 4330.
- Value Studies 18 hours. PHIL 1305 and 4388; 12 hours from: PHIL 3320, 3321, 3322, 3323, 3324, 3332, 3333, 4350, or 4351.
- Women's Studies 18 hours. WS 3376 and 3377; 12 hours from: ANTH 3324, 3350; CJ 4326; COMM 3328, 3334; ENG 3388, 3392; HIST 3369Y, 3373; HON 3392A, 3392G, 3392P, MC 4308; PHIL 3333; POSI 4330; PSY 3332; or SOCI 3350, 3370.
- Writing 24 hours. ENG 1310, 1320; 3 hours from: ENG 2310, 2320, 2330, 2340, 2359, or 2360; ENG 3311; one advanced ENG literature course; and 9 hours from: ENG 3303, 3304, 3315, 3342, 3348, 3349, 4348, or 4349.

Pre-Professional Curricula

Students preparing to study architecture, pharmacy, physical therapy, medicine, dentistry, veterinary medicine, engineering, or law, should enroll in the degree plan as suggested by the advisors listed below. Before each registration, the student should consult his or her advisor.

Architecture. Architectural degree programs are offered as four, five and/or six year options. Schools offering Architectural programs in Texas include The University of Texas at Austin, The University of Texas at San Antonio, The University of Texas at Arlington, Texas Tech University, The University of Houston, Rice University, and Texas A&M University. Majors include areas associated with architectural design, architectural engineering, regional and city planning, and landscape architecture.

Those courses accepted by most architecture schools are: ENG 1310, 1320, MATH 1315, 1317, HIST 1310, 1320, POSI 2310, 2320, PHYS 1410, 1420 and physical education activities, two semester hours. Other courses could be selected based on the selected school, architectural major, and student's background. Selected options in architecture use a broad based general academic or liberal arts program as a foundation to build the degree plan, while others will use only a minimum of these courses.

Because of the many choices of curricula in the field of architecture, all pre-architecture students, from the time they first enroll, should regularly consult with their advisor in selecting courses. Failure to do so may result in loss of transfer credit. Even courses accepted for transfer credit by another university may not apply toward a degree in architecture. Only those courses acceptable by the dean of the student's elected architecture school may be counted toward the corresponding degree. For more information contact the Department of Engineering and Technology.

Health Professions Programs. Students interested in health professions programs should visit or contact the College of Health Professions Academic Advising Center. Information about the following fields is available: clinical laboratory science, communication disorders, health care administration, health information management, long term care administration, radiation therapy, respiratory care and social work. Although the College does not offer degrees in nursing or occupational therapy, it does provide pre-professional advising for these fields.

Combination Degree in Medicine or Dentistry. After completing at least 96 hours of prescribed work at Texas State, a student who is later certified by an approved medical or dental school as having satisfactorily completed one year's work at that institution may be granted a bachelor's degree by Texas State University-San Marcos. The student must meet all catalog requirements for the degree and must earn the last 30 of the 96 undergraduate hours at Texas State. Included in the required courses are the following: CHEM 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342; BIO 1430, 1431, 2450, 2400 or 2411, 3421 and 4416; PHYS 1410, 1420; ENG 1310, 1320. For more information contact the Department of Biology pre-medical/dental advisor, departmental advisor, or the College of Science Advising Center.

Dentistry. Dental schools require two years of college work for entrance; however, most students accepted by dental schools have more than this. A bachelor's degree is preferred. Included in the required courses are the following: CHEM 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342; BIO 1430, 1431, 2450, 2400 or 2411, 3421 and 4416; PHYS 1410, 1420; ENG 1310, 1320. It is recommended that the students complete, in addition to the above courses, the general education core curriculum requirements and the requirement for the Combination Degree leading to a B.S. in Biology with a minor in Chemistry or Biochemistry. The Combination Degree is more rigorous than the minimal courses required by most dental schools. An early admission program agreement between Texas State and UTHSCSA Dental School is also available. For more information contact the Department of Biology pre-medical/dental advisor, departmental advisor, or the College of Science Advising Center.

Engineering. The Department of Engineering and Technology offers an Industrial Engineering and a Manufacturing Engineering degree program. Also, there are two pre-engineering options offered through the Departments of Chemistry and Biochemistry, Mathematics, and Physics. Students taking the first option (called a 3-2 option) spend approximately six semesters in a mathematics or physics curriculum or, for chemical engineering, a chemistry curriculum. After the completion of at least 96 hours of prescribed work, the last 30 of which must be earned in residence, a student in the 3-2 pre-engineering program who later earns an engineering degree from an approved engineering school may be granted a bachelor's degree by Texas State. The student must (1) satisfy all general education core curriculum requirements, (2) satisfy all prescribed coursework for the major and minor, and (3) request a degree audit in the College of Science Advising Center before leaving Texas State. After completing the entire program, students receive both an engineering degree from the school they attended and a BS in chemistry, mathematics, or physics from Texas State. With the second option, students spend three to six semesters taking courses basic to the field of engineering they intend to enter and then transfer to the engineering school to pursue a degree.

Because of the many choices of curricula in the field of engineering, all pre-engineering students, from the time they first enroll, should regularly consult with their advisor in selecting courses. Failure to do so may result in loss of transfer credit. Even courses accepted for transfer credit by another university may not apply toward a degree in engineering. Only those courses acceptable by the dean of the student's elected engineering school may be counted toward the corresponding degree.

Concerning transfer of courses, Texas State has entered into transfer articulation agreements with The University of Texas at Austin, Texas A&M, Texas Tech University, and the University of Texas at San Antonio. These agreements specify suggested equivalences of courses. For additional information, contact your academic advisor.

If their mathematics background is inadequate to enroll in MATH 2471, first semester freshmen are advised to earn credit in MATH 1315, 1317, or 2417 in the summer session immediately preceding the regular session in which they plan to enroll. (See the catalog description for the proper prerequisites.) If this suggestion is not followed, the student's program is usually delayed by at least one semester. Students making a "D" in a technical course that serves as a prerequisite to another course are strongly urged to repeat the course. For more information contact the College of Science Advising Center or the departmental advisors for the Departments of Chemistry and Biochemistry, Mathematics, Physics, and Engineering and Technology. For information on engineering technology, industrial engineering, and manufacturing engineering see the Department of Engineering and Technology section of this catalog.

Law. All accredited law schools in the state-Baylor University, Southern Methodist University, South Texas School of Law, St. Mary's University, Texas Southern University, Texas Tech University, The University of Houston, and The University of Texas at Austin-require the following from applicants prior to admission: (1) a bachelor's degree, (2) superior grades, and (3) a satisfactory score on the Law School Admission Test (LSAT).

It is strongly recommended that as many of the following courses be taken during the junior and senior years as the major curriculum permits: ECO 2314, 2315; FIN 3301, BLAW 2361, 3362; GEO 3320, 4338; HIST 3315, 3316, 3344, 3349; PHIL 2330, 3320-3321, 3331-3332, 3340; POSI 3310, 3311, 3314, 4302, 4303, 4304, 4311, 4361; COMM 4331; and SOCI 3307 (or POSI 3377), 3308, 3343.

Pre-law students are urged to consult the pre-law advisor and a pre-law representative, as appropriate, from the various colleges: Dr. David Perkins, Department of Criminal Justice; Dr. John McGee, Department of Finance and Economics; Dr. Vincent Luizzi, Department of Philosophy; and Dr. Paul Kens and Dr. Ken Ward, Department of Political Science. The pre-law student should also become familiar with the services available through the Student Learning Assistance Center. For more information contact Dr. Paul Kens, Department of Political Science (512) 245-2143.

Medicine. Medical schools recommend an appropriate bachelor's degree for entrance. A suggested program that will satisfy pre-medical requirements is as follows: CHEM 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342; BIO 1430, 1431, 2400 or 2411, 2450; PHYS 1410, 1420; MATH 2321 and 2331 (or 2417 and 2471); ENG 1310, 1320. Students who anticipate applying for the Combination Degree leading to a B.S. with a major in Biology and a minor in Chemistry should include the general education core curriculum requirements and BIO 3421 and 4416. For more information contact the Department of Biology pre-medical/dental advisor.

Pharmacy. Pharmacy is a six-year program, two years of which may be taken at Texas State. The following courses are required for the four pharmacy schools in Texas, The University of Texas at Austin, the University of Houston, Texas Southern University and Texas Tech University: BIO 1430, 1431; CHEM 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342; HIST 1310, 1320; PHYS 1410; POSI 2310, 2320. Requirements for mathematics, English and other courses vary according to the pharmacy school. Consequently, it is imperative that pre-pharmacy students consult with the advisor prior to and during their pre-pharmacy program. For more information contact the Department of Chemistry and Biochemistry.

Physical Therapy. The physical therapy profession requires a post-baccalaureate degree in order to practice; Texas State offers a Master of Science in Physical Therapy. The Department of Physical Therapy does not require a specific undergraduate degree in order to gain entrance into their program. However, the Department of Health, Physical Education, and Recreation (HPER) offers an undergraduate degree program that will prepare students to enter the application process for a physical therapy graduate program. The main focus of this program is to combine the background courses required for entrance to physical therapy programs with quality support courses from the Athletic Training and the Health and Fitness Management majors. This program provides a strong academic degree and a pre-physical therapy program that will enable students to be competitive as they apply to master level physical therapy graduate programs. Students will be required to take existing courses used as pre-requisites for the Texas State Physical Therapy Graduate Program and other courses from Texas State programs in Athletic Training or Health and Fitness Management. Pre-Requisite Courses for Texas State PT Program are: PSY 1300; PSY 2315 or 3315; HP 3102 & 3302; HIM 2360; BIO 2430 & 3421; CHEM 1341 & 1141; CHEM 1342 & 1142; PHYS 1410 & 1420. Courses from the Athletic Training Major are: PE 2156, 2356, 3256, 3258, 3317, 3320, 3326, 3328, 3329, 3136, 3236, 3146, 3246, 3356, 4360; H ED 2338 or 3348, 2354; NUTR 3362 or 3364; and PT 3400. Courses from the Health and Fitness Management Major are: PE 4323, 4321, and 4317 or 4318. Curriculum Requirements: 1) Students will declare Athletic Training as their undergraduate major and Pre-Physical Therapy as the emphasis, 2) Students will register with the College of Education Advising Center and seek degree advice from there. 3) Students will follow the degree plan formulated by the HPER Department with exceptions approved by the College of Education Advising Center upon advice from the HPER Department.

Veterinary Medicine. The only College of Veterinary Medicine in Texas is at Texas A&M University. Prior to admission, students must complete at least 64 hours of course work, which constitutes a pre-veterinary program. At Texas State, all students must choose a major in one of the 4-year bachelor's programs. While any major is acceptable, majors in Agriculture/Animal Science, Biology or Chemistry most nearly parallel the courses required in the pre-veterinary program, which are as follows: AG 3301 or BIO 2450; AG 3325 or 4325; BIO 1430, 1431, 2400; CHEM 1141 & 1341, 1142 & 1342, 2141 & 2341, 2450 or 4375; ENG 1310, 3 hours literature, 3303; COMM 2330 or 2338; MATH 1329 or 2321 or 2331 or 3305 or AG 3352; and PHYS 1410, 1420.

Formal application on a special form supplied on or about July 15 each year by the Office of the Dean at the Veterinary School must be filed with that office before October 1. A complete and official transcript from each college or university the applicant has attended must accompany the application forms. A record of courses in progress (and a record of courses planned for the following spring term and summer terms if the applicant will be enrolled) must also be submitted. The application must be accompanied by a non-refundable fee of \$35.00 (check or money order payable to Texas A&M University), which is used to partially defray the cost of processing the application.

The applicant must have an overall GPA of 2.75 or better or a 3.00 GPA or better for the last 45 semester credits completed ("A"=4.00 grade points).

Each applicant must submit scores for the Graduate Record Examination (GRE). It is recommended that the applicant take the spring testing. However, the September testing date will be acceptable. The GRE will be given at various centers throughout the United States, including Texas State. To determine the most convenient location, prospective applicants should write to the GRE, General Test Coordinator, Educational Testing Service, P.O. Box 6000, Princeton, N.J., 08541-6000. Students may also call (609) 951-6505 or contact the Texas State Placement Center. Advising for students who wish to qualify for the professional curriculum in veterinary medicine is available at Texas State by contacting the Texas State Pre-Veterinary Advisor or by appointment with the Office of the Dean, College of Veterinary Medicine, Texas A&M University, College Station, Texas 77843 (telephone (409) 845-5054). For more information contact the Department of Agriculture.

CONTINUING EDUCATION

Phone: (512) 245-2507 Office: Aquarena Center
Fax: (512) 245-7543 Web: <http://www.continuing-ed.txstate.edu/>

The Office of Continuing Education works in cooperation with the academic colleges, schools, departments and programs to extend the resources of Texas State beyond the traditional campus classroom. Professional staff in Continuing Education work with other faculty and staff and assists them in offering programs that help meet the needs of the many communities Texas State serves. These programs are generally non-credit in nature. Seminars, workshops, conferences, and short courses coordinated and conducted by Continuing Education help meet community needs. Continuing Education coordinates planning, budgeting, marketing, fee collection, registration, meals, housing, evaluation, and other duties that may be required. Continuing Education sponsors many programs.

Some programs receive Continuing Education credits. Persons who successfully complete these designated programs are awarded Continuing Education Units. One CEU is awarded to a person who completes a ten contact hour program.

Texas Certified Public Manager Program

Phone: (512) 245-3453 Office: Aquarena Center
Fax: (512) 331-7293 Web: <http://www.txstate.edu/cpm/>

Texas State has been officially designated by the National Consortium of Certified Public Managers (CPM) to offer this program in Texas. The CPM Program offers a systematic training program to enhance quality, efficiency of management in government and improve professionalism and effectiveness of government managers. Continuing Education is coordinating this program on the Texas State campus. Individuals may enroll at any time during the year; programs are held approximately every two months. Admission to Texas State is not required.

International Office

Phone: (512) 245-7966 Office: Hill House
Fax: (512) 245-8264 Web: <http://www.txstate.edu/international/>

The International Office provides a variety of services to international students/faculty/staff at Texas State and to U.S. students who wish to study or work abroad during their collegiate years. The office supports other international initiatives at Texas State with information and resources.

The primary responsibility of the office is to act as the official international student advisor for all visa and other immigration issues. The office is a continuing source of information, advising/counseling, and social services relevant to international students.

Study abroad and work abroad opportunities abound for Texas State students. In conjunction with other campus offices, the International Office maintains a resource library about those programs and provides additional information about traveling/working abroad.

English as a Second Language

Phone: (512) 245-7810

Office: Academic Support Building 400

Fax: (512) 245-3752

Web: http://www.ideal.txstate.edu/esl/eng_sec_lang.html/

Texas State/ESL is a non-credit university intensive English as a Second Language program for international students who want to improve their command of English before entering an educational institution in the United States. Currently, intermediate and advanced classes in ESL reading, writing, grammar, and oral skills are offered during the fall, spring, and summer sessions.

EXTENDED AND DISTANCE LEARNING

Phone: (512) 245-2322 Office: 302 ASB North
Fax: (512) 245-8934 Web: <http://www.txstate.edu/distanced/>

The Office of Extended and Distance Learning is the university's focal point for courses and programs offered at a distance to the San Marcos campus and for those offered on evenings and weekends on campus. A variety of support services are available to students who, for whatever reason, are not able to commute and participate in campus-based educational programs.

All undergraduate and graduate courses and programs offered to distance learners carry the same course number, title, and description as those offered at the San Marcos campus. Courses offered at a distance are identified each semester in the Texas State Schedule of Classes and on CatsWeb.

Correspondence Studies

Phone: (512) 245-2322 Office: Academic Services Building, North 302
Fax: (512) 245-8934 Web: <http://www.studyanywhere.txstate.edu/>
Toll-free Phone: (800) 511-8656

Correspondence study is another option for students to earn college credit. Where circumstances such as family, jobs, business travel, etc. compete for time, and students find that it is difficult to schedule their on-campus classes, correspondence study offers a solution. Courses are offered through various disciplines such as art, humanities, science, health-related fields, mathematics, psychology, modern languages, and sociology to name a few. Courses are frequently revised, so students are encouraged to contact the Office of Correspondence Studies for the most current list of course offerings or visit their website.

Students may enroll in courses at any time of the year and take up to nine months to complete them. A three-month enrollment extension is available for a nominal fee. Instruction is provided by means of a study guide, textbooks, and where appropriate may include CD-ROMs, videos, and audiocassettes, and additional reference and instructional material. Many courses accommodate e-mail submission of assignments and some courses are now available online.

How Correspondence Study Works. The study guide used in each course gives students step-by-step instructions for completing the lessons required for the course and includes study tips, topic discussions, assignments, and other pertinent course information. Students must complete each lesson and submit the accompanying assignment to the instructor through the Office of Correspondence Studies for grading. The instructor provides written feedback on assignments when necessary and answers questions that students may have. Assignments are then returned to the student. Almost all courses have examinations and many may have two or three. All examinations must either be administered in the Office of Correspondence Studies or, for those students who live outside the area, administered by an approved exam proctor.

General Regulations. The following regulations govern correspondence study at Texas State:

1. Students do not have to be currently enrolled or admitted to a college or university to take a correspondence course.
2. Enrollment in a correspondence course does not constitute official admission to Texas State.
3. Texas residents or persons attending public colleges or universities in Texas are subject to compliance with Texas Success Initiative regulations.
4. Texas State juniors and seniors must obtain approval from an academic advisor in their college before they may register for a correspondence course. Students from other colleges and universities are advised to obtain approval from the appropriate university official of their home institution before registering.
5. Texas State correspondence courses are applicable toward Texas State degrees. A maximum of 18 hours of correspondence credit may be applied toward a bachelor's degree.
6. All assignments and exams must be completed to receive credit. The grading criteria for each course are stated in the course study guide.
7. Correspondence course grades are calculated into your Texas State GPA.
8. Students may enroll in a correspondence course at any time during the year and take up to nine months to complete it. A one-time extension of three months is allowed for a nominal fee. No enrollment may go beyond twelve months from the original enrollment date, and no course may be completed in fewer than forty-five days.
9. A minimum of four to seven weeks must be allowed after a course has been completed for a grade to be reported to the Texas State Registrar.
10. Students on active suspension from Texas State are not eligible to enroll in correspondence courses.
11. If enrollment in correspondence courses creates an academic overload, the student must have prior, written approval of their dean or chairperson.
12. Correspondence courses completed through Texas State are applicable toward residency requirements.

Extension Studies

Phone: (512) 245-2322 Office: Academic Services Building North 302
 Fax: (512) 245-1644 Web: <http://www.studyanywhere.txstate.edu/>
 Toll-free Phone: (800) 511-8656

Texas State's Extension Studies Office serves those persons who are unable to come to campus and who wish to earn degree credit, to pursue in-service training, or to enroll in college courses not normally offered through the academic departments. Extension courses are offered at various off-campus locations. The times and locations for such courses depend on student need, faculty availability, and demand. In the past, courses have been offered in San Antonio at USAA, in Seguin at Motorola, and at a number of school districts in Travis and Williamson counties, as well as in several foreign countries.

General Regulations. The following regulations govern Texas State extension study:

1. Enrollment in an extension course does not constitute official admission to the university, and non-Texas State students may take extension courses.
2. Students from other institutions who wish to transfer extension credit should obtain prior approval of their home institution.
3. If enrollment in extension courses will create an academic overload, students must have prior, written approval of their college dean and chairperson.
4. Transcript records are maintained for all credit earned by extension.
5. A maximum of thirty semester hours for Texas State credit may be completed through a combination of correspondence and extension courses.
6. Students on active suspension from Texas State are not eligible to enroll in courses for extension credit.

7. Texas residents or persons attending public colleges or universities in Texas are subject to compliance with Texas Success Initiative regulations.
8. Full-time students at Texas State may not enroll in extension courses without written permission from the dean of the appropriate college.
9. Students are responsible for ascertaining whether or not credit for an extension course will apply to a particular program and whether or not it will transfer to another institution.
10. Extension courses completed through Texas State are applicable toward residency requirements.

Study Abroad

Phone: (512) 245-2322 Office: Academic Services Building, North 302
 Fax: (512) 245-8934 Web: <http://www.studyanywhere.txstate.edu/>
 Toll-free Phone: (800) 511-8656

The Study Abroad experience expands students' intellectual and personal development as they become immersed in other cultures. Students gain a critical self-awareness, an appreciation for a multicultural world and a clearer understanding of their own culture. Study abroad prepares students to assume their role as responsible world citizens and to succeed professionally in today's global economy.

The Study Abroad Office offers students the opportunity to participate in a variety of Study Abroad Programs at locations around the world. The credit a student earns may be applied toward a degree at Texas State. Some of these programs involve direct enrollment in an overseas institution, while other programs are led by Texas State faculty.

Through Texas State Study Abroad Programs, students can spend from three weeks to a full academic year in another country by either learning a foreign language, by concentrating their studies related to a specific topic in the student's field of study, or by participating in an internship. Texas State Study Abroad Programs include a variety of activities that allow the students to learn and experience the culture of the host country. In some of these programs students have the opportunity to live with a host family and in this way become totally immersed in the host country for a more comprehensive learning experience.

Program locations vary each year, but typically include such countries as Belize, China, England, France, Germany, Ireland, Italy, Mexico, Nicaragua, Spain, and Sweden. Students may learn more about these programs from current information located in the Study Abroad Library. In addition to information about Texas State's Study Abroad Programs, the Study Abroad Library houses a wealth of information about programs available from other universities as well as study abroad companies.

Financial Assistance for Study Abroad Programs. Most of the financial aid that students would normally receive for studying at Texas State may be applied toward Texas State Study Abroad Programs. Additionally, there are many schools and study abroad companies that offer financial aid for attending their programs. If a student is on federal or state financial aid, it is recommended that the student speak with a representative of the Texas State Office of Financial Aid to determine the application of such aid to any study abroad program and the possible adjustment to meet the student's needs.

The Study Abroad Office also has information on scholarships that are available to students who want to study abroad. At Texas State, students are also eligible for the International Education Fee Scholarship (IEFS). This scholarship program is funded through the student service fee account. The scholarships are distributed in a competition open to all undergraduate and graduate Texas State students, including international students, who meet the established eligibility requirements.

Contact the Study Abroad Office for information on the IEFS and other available financial assistance.

International Student Exchange Programs

Phone: (512) 245-2322

Office: Academic Services Building, North 302

Fax: (512) 245-1644

Web: <http://www.studyanywhere.txstate.edu/>

International Student Exchange Programs provide students an opportunity to study at a foreign university through exchange agreements that Texas State currently has with institutions located in countries such as Canada, Chile, France, Japan, Mexico, Sweden, and The Netherlands. Students who participate in the Exchange Programs may study abroad for one long semester or for a full academic year. A variety of academic disciplines are offered through these programs and students are not required to be fluent in the language of the host country. International Student Exchange Programs are intended to provide students with an opportunity to study abroad at costs that approximate Texas State rates.

THE ROUND ROCK HIGHER EDUCATION CENTER

Phone: (512) 245-2725/ (512) 219-5798
Fax: (512) 245-2024

Office: J C Kellam 150
Web: <http://www.rrhec.txstate.edu/>

Texas State is addressing educational needs of North Austin and Williamson County through the Round Rock Higher Education Center (RRHEC), approved in April 1998 by the Texas Higher Education Coordinating Board. The RRHEC is a coalition of three institutions, which continually assesses and responds to educational needs by providing associate's, bachelor's, and master's degree programs, and certificate programs for workforce training/education.

Texas State offers 16 complete master's degree programs, six undergraduate programs, and several certificates. Currently, those programs include business, computer science, counseling, education, health, psychology, public administration, and technical communication. Most classes are scheduled during the late afternoon or evening. RRHEC students must submit the same admission documents and meet the same admission requirements as those attending on-campus. Students pay the same tuition as those attending on-campus, but fees may be slightly different.

For specific information, consult the RRHEC web site <http://www.rrhec.txstate.edu/> or email rrhec@txstate.edu.