

COLLEGE OF EDUCATION

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Health, Physical Education,
Recreation and DanceTo Be Named

COLLEGE OF EDUCATION

Teacher preparation was the original mission of Southwest Texas State Normal School when it opened in 1903, and today faculty in the College of Education continue to focus their efforts on this primary mission. SWT's teacher education program offers high quality preparation for elementary and secondary teachers.

The College of Education prepares elementary school teachers with specializations in bilingual education, early childhood, special education, reading, and in almost every academic area. The college also prepares teachers for certification in physical education (elementary and secondary), health education (elementary and secondary), and dance (secondary). Additionally, a major in athletic training is available through the physical education program. Students interested in certification in other secondary areas complete the professional development courses offered by the College of Education and an academic major offered by a department outside the College of Education. Several non-certification programs are offered by the college through the Department of Health, Physical Education, Recreation and Dance*.

The three academic departments in the College of Education are Curriculum and Instruction, Educational Administration and Psychological Services, and Health, Physical Education, Recreation and Dance. The web address for the College is: <http://www.education.swt.edu/>

Academic Advising Center

The College of Education Academic Advising Center is conveniently located on the second floor of the Education Building in Room 2026 and is open 8:00 A.M.-5:00 P.M., Monday through Friday. The mission of the Center is to provide accurate and timely advice to students regarding admission to, progress through, and completion of degree and certificate programs administered by the College of Education. The purpose of the Academic Advising Center is to provide a full range of services for students seeking a degree or certificate from the College of Education. Services include, but are not limited to, exploration of life goals, exploration of career and educational goals, selection of educational programs, selection of a major and minor, preparation of degree outlines and summaries, scheduling of courses, and scheduling of classes.

Faculty members in the College of Education, as well as Academic Advising Center staff, are available to discuss career goals and opportunities available within each program area. Faculty can be contacted through the Department of Health, Physical Education, Recreation and Dance* (512-245-2561) or the Department of Curriculum and Instruction (512-245-2157).

All students in the College of Education should contact the Academic Advising Center for an initial appointment to complete paperwork necessary for entering programs in the College of Education. Following this, students should see the College of Education Advisor once each semester for assistance with and approval for courses for upcoming registrations.

Students can contact the Academic Advising Center in the following ways:

Office location:	Education Building, Room 2026
Telephone:	512-245-3050
Fax:	512-245-8345
Registration Helpline:	512-245-3104
Web site:	http://www.education.swt.edu/serv/advctr/index.htm

Admission to Teacher Education

Students who want to be certified as elementary, secondary, or all-level teachers should follow the curriculum sequence outlined by their major departments.

They should request advisers who will help them plan schedules that will lead to both graduation and certification, and they are encouraged to join student organizations which are related to the teaching profession.

The requirements to be admitted to teacher education (to enroll in upper level teacher education classes) are as follows:

1. Junior standing.
2. An SWT grade point average of 2.5 or better.
3. A grade of C or better in English 1310 and 1320 or their equivalents.
4. A grade of C or better in Math 1315 or 1319 or 2417 or 2471 for Interdisciplinary Studies majors only.
5. A grade of C or better in Curriculum and Instruction 3315 (elementary) or Curriculum and Instruction 3310 (secondary and all-level).
6. Passing scores on the TASP. Students who were exempt from the TASP because of scores on alternative tests or grades in selected courses should be prepared to present documentation to support the exemption. Beginning with the September 1996 TASP Test administration, students seeking admission to teacher education via TASP must score 220 or higher to pass the writing section and 230 or higher to pass reading and mathematics unless they have previously passed with a score of 220 on these sections. Students may not enroll in any professional development course in education without proof of passing the TASP.

Student Teaching

The requirements to be admitted to student teaching are as follows:

1. Admission to Teacher Education.
2. An SWT grade point average of 2.5 or better.
3. Validation of required pre-student teaching field experiences.
4. A grade of C or better in all assigned courses in the professional sequence prior to student teaching.
5. A grade point average of at least 2.50 in the teaching field(s) or specialization(s) with no grade below a "C".
6. Approval from the chair of the department of the student's major teaching field.

*A list of the courses required to be completed prior to student teaching may be obtained from the College of Education Academic Advising Center.

Graduation and Certification

Graduation (undergraduates only). In addition to the other general graduation requirements listed in this catalog, the following graduation requirements must be met by students seeking teacher certification:

1. An SWT grade-point-average of at least 2.5.
2. Successful completion of student teaching.
3. Grades of "C" or better in each course in the assigned professional sequence.
4. A grade point average of at least 2.50 in the teaching field(s) or specialization(s) with no grade below a "C".
5. Timely application for graduation. Candidates for degrees offered in the College of Education must complete a graduation application in the College of Education Academic Advising Center. Majors in other schools must apply in the office of the dean of their majors or their College's academic advising center.
6. Passing scores on the TASP or proof of an exemption because of scores on an alternative test or grades in selected courses. Contact the College of Education Academic Advising Center for procedural details.

Certification. Upon application by qualified students, the Director of Teacher Certification recommends the issuance of the appropriate certificate by the State of Texas. The certification process includes the following steps:

1. Completion of at least a baccalaureate degree.
2. Completion of the appropriate teaching fields or specializations with grades of "C" or better in each required course.
3. Completion of the appropriate professional sequence of courses with a grade of "C" or better in each.
4. Passing scores on the appropriate Examination(s) for the Certification of Educators in Texas (ExCET).
5. Filing a State application form and the necessary processing fees with the College of Education Academic Advising Center (2026 Education Building).

Fitness for the Teaching Profession. Students who are admitted to teacher education are expected to meet specified non-academic standards which are necessary to be competent teachers. The intent is to ensure that the students recommended for teacher certification are able to effectively and independently carry out the duties for which they are being prepared. The fitness criteria include physical characteristics, personality characteristics, responsibility characteristics, communication skills, social relationships, personal responsibilities, and commitment to the teaching profession. Students who have been identified with a demonstrable discrepancy by two or more distinct professors or cooperating teachers will meet with the Teacher Education Admission and Retention (TEAR) Committee to discuss options available for progress in Teacher Education to continue.

Professional Curricula

Elementary Teachers. Students who want to be certified to teach at the elementary school level should seek advice and application information from the College of Education Academic Advising Center. Students should refer to the Department of Curriculum and Instruction section of this catalog on page 171 concerning admission and degree requirements, including field requirements prior to student teaching.

***Secondary Teachers.** Students seeking secondary certification must complete the following 15 hour sequence of courses prior to the beginning of student teaching: CI 3310, 3325, 4332, 4343, and RDG 3323. After completing these courses, secondary students will complete ED 4681 (student teaching).

***All-level Teachers.** Students seeking all-level certification must complete the following 15 hour sequence of courses prior to the beginning of student teaching: CI 3310, 3325, 4332, 4343, and RDG 3323. After completing these courses, all-level students will complete ED 4380 and ED 4381 (student teaching).

*See the College of Education Academic Advising Center for field experience requirements.

SECONDARY AND ALL LEVEL TEACHING FIELDS

Students in the Secondary and All Level Teacher Education Program participate in a nine credit hour block of courses taught two days a week at either a middle school or high school. This pre-student teaching experience is a unique opportunity to learn in actual classrooms, in a partnership with university and public school faculty. It fulfills the field experience requirement for teaching in the public schools. The field block is selected after completion of CI 3310, the first course in the professional development sequence.

Students may choose to seek teacher certification in either one or two fields of study, depending upon the field(s) chosen. Some departments have designed teaching fields that must be completed in tandem with at least one other field. These are listed below as “Another Teaching Field Required.” Departments that list a “Single Teaching Field” may permit but not require another field.

Refer to the departmental sections of this catalog to verify the following lists:

Agricultural Science

(55 hours)Agriculture 2373, 2374, 2390, 3310, 3353 or 4361, 4343, 2383, 3317 or 3318, 1445, 4325, 3345, 2313 or 2379, 3305 or 3306, 3426, 4185 (3 times), Agriculture Service and Development 4212, and 4311 and CATE 3313D.

Art and Design - Another Teaching Field Required (Secondary certification with a minor)

(36 hours)ArtF 1301, ArtF 1302, ArtF 1303, two of the following [ArtS 2321, ArtS 2351, ArtS 2371, ArtS 2391, or ArtS 3362 (prerequisite TECH 1450)], two of the following (ArtS 2311, ArtS 2331, ArtS 2341, or ArtS 2381), ArtT 2371, ArtT 3373, ArtT 3374, ArtT 4375, and ArtH 2301 or ArtH 2302.

Art and Design - Single Teaching Field (Secondary Certification, BFA)

(69 hours)ArtF 1301, ArtF 1302, ArtF 1303, ArtF 1304, ArtS 2321, ArtS 2381, ArtS 2331, ArtS 2341, ArtS 2351, ArtS 2311, ArtS 2371, ArtS 3362 (prerequisite TECH 1450), ArtS 2391, ArtT 2371, ArtT 3373, ArtT 3374, ArtT 4375, ArtH 2301, ArtH 2302, ArtH 3301. Of the remaining three Art Electives, one must be selected from the following studio areas: Ceramics II 3312, Drawing II 3322 or Drawing III 3323, Fibers II 3332, or Fibers IV 3334, Metals II 3342, Painting II 3352, Fine Art Photography 4365, Printmaking II 3372, Sculpture II 3382, or Watercolor II 3392. Course selection for the remaining two Art (C, H, S, T) Electives must be discussed in detail with your Art Education Advisor and the department chair in light of your educational and career goals.

Art and Design - All-level - Single Teaching Field (grades Pre-Kindergarten through grade 12, BFA).

(72 hours)ArtF 1301, ArtF 1302, ArtF 1303, ArtF 1304, ArtH 2301, ArtH 2302, ArtH 3301, ArtS 2311, ArtS 2321, ArtS 2331, ArtS 2341, ArtS 2351, ArtS 3362 (prerequisite TECH 1450), ArtS 2371, ArtS 2381, ArtS 2391, ArtT 2371, ArtT 3373, ArtT 3372, ArtT 3374, ArtT 4375. Of the remaining three Art Electives, one must be selected from the following studio areas: Ceramics II 3312, Drawing II 3322 or Drawing III 3323, Fibers II 3332, or Fibers IV 3334, Metals II 3342, Painting II 3352, Fine Art Photography 4365, Printmaking II 3372, Sculpture II 3382, or Watercolor II 3392. Course selection for the remaining two Art (C, H, S, T) Electives must be discussed in detail with your Art Education Advisor and the department chair in light of your educational and career goals.

Basic Business - Single Teaching Field

(66 hours)Computer Information Systems 1323, Accounting 2361, Accounting 2362, Business Law 2361, Computer Information Systems 3370, Economics 2314, Economics 2315, 3 hours of Economics advanced elective, Finance 3312, Management 3303, Management 3353, Management 4330, Management 4335, Marketing 3343, Quantitative Methods 2333, Management 4373, Management 4375, 6 hours of Management advanced electives, Finance 3325, Management 3365, and Management 4315. The teaching field is Basic Business but the major is Management.

Biology - Single Teaching Field

(48 hours)Biology 1430, 1431, 2400, 2410 or 2411, 2450, 2430, 4408, 4416, and any two of the following: 3410, 3461, 3470, 3490, 3495, 4410, 4411, 4412, 4413, 4415, 4420, 4421, 4422, or 4465, Chemistry 1141, 1341, 1142, 1342.

Biology - Another Teaching Field Required

(40 hours)Biology 1430, 1431, 2410 or 2411, 2450, 2430, 4408, 4416, and one of the following: 3406, 3410, 3461, 3470, 3490, 3495, 4411, 4412, 4413, 4415, 4421, 4422, or 4465, Chemistry 1141, 1341, 1142, and 1342.

Chemistry - Single Teaching Field

(36-45 hours)For BA degree, Chemistry 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342, 3245, 3330, 3340, 3410, 4241, 4341, and 3 hours from 4375, 4385, 4333, or 4299 (must be repeated). For BS degree, the above, plus Chemistry 4231, 4331, and 3 additional hours selected from 4375, 4385, 4333, or 4299 (must be repeated).

Chemistry - Another Teaching Field Required

(28 hours)Chemistry 1141 and 1341; 1142 and 1342; 2141 and 2341; 2142 and 2342, 3410, and at least 8 hours from the following: 4375, 4385, 4275, 4333, 4231, or 4331.

Computer Science - Single Teaching Field

(37-44 hours)For BA degree, Computer Science 1308, 1318, 2308, 2318, 3409, 3358, 3398, and one course from 3468 or 4326 or 4398, plus 12 additional hours advanced (3000-4000) computer science courses. For BS degree, the above plus Computer Science 3339 and 3 additional hours any level (1000, 2000, 3000, 4000) computer science.

Computer Science - Another Teaching Field Required

(24 hours)Computer Science 1308, 1318, 2308, 2318, 3358, plus 9 hours advanced (3000-4000) computer science electives.

Dance - Single Teaching Field

(43 hours)Dance 2208, 2209, 3330, 3332, 3365, 3366, 3367 (taken twice), 4366, 4367 (taken twice), 4368, 4369 Capstone course, PE 1181C or PFW 1180I, PE 1181B or PFW 1180H, PE 1181C or PFW 1180I, choose three from PE 1180A, B, or C or PFW 1180D, E or F.

Dance - Another Teaching Field Required

(35 hours)Dance 2208, 2209, 3330, 3332, 3365, 3366, 3367, 4366, 4367, 4368, 4369 Capstone course, PE 1181C or PFW 1180I, PE 1181B or PFW 1180H, PE 1181C or PFW 1180I, choose one from PE 1180A, B, or C.

Earth Science (post-baccalaureate option only)

(34 or 35 hours).....Geology 1410 and 1420, Geography 3305; Physics 1140 and 1340; Chemistry 1141 and 1341; and Biology 4402, 4403, 4408, and 3422 (or Geography 3335).

English - Single Teaching Field or May Be Paired With Another Teaching Field

(36 hours)English 1310, 1320; any two of the following: 2310, 2320, 2330, 2340, 2359, 2360; 3301; at least one course from Group A (British Literature); at least two courses from Group B (American Literature); at least one course from Group C (World Literature); at least two courses from Group D (Forms, Language and Writing) are required: 3319 or 4310 and 3389; one other advanced course from any of the four groups. Note: At least two courses must focus on literature before 1800. At least one advanced course must focus on a single author (3343, 3354, 4351, 4355, or 4358); students are encouraged to select at least 1 course which centers on genre, theme, or theory.

Exercise and Sports Science - See Physical Education**Family and Consumer Sciences - Single Teaching Field**

(49 hours)Clothing and Textiles: FCS 1332, 2331 or 2334; Food and Nutrition: FCS 1361, 2460, 2367 or 3362; Home Management, Family Economics and Consumer Education: FCS 1341, 1347, 3341; Housing: FCS 1321, 3329; Human Development and the Family: FCS 1351, 2351, 3355, 3391; Occupational: FCS 3360, FCS 4301.

French - Single Teaching Field

(38 hours)French 1410, 1420, 2310, 2320, 3301, 3302, 3304, 3310, 3370, 4340, 4303, and Linguistics 4307.

French - Another Teaching Field Required

(29 hours)French 1410, 1420, 2310, 2320, 3301, 3302, 3370, 4340, and Linguistics 4307.

Geography - Single Teaching Field or May Be Paired With Another Teaching Field

(35 hours)Geography 1309, 1310, 2410, 3301, 3303, 3309, 3313, 3329, 4340, one regional course selected from the following: 3307, 3308, 3328, 3332, 3333, 4328 and one techniques course from the following: 2411, 2426, 3411, 3416, 4430.

German - Single Teaching Field

(38 hours)German 1410, 1420, 2310, 2320, 3301, 3302, 3310, 3370, 4302, 4340, 4302 or 3370, and Linguistics 4307.

German - Another Teaching Field Required

(29 hours)German 1410, 1420, 2310, 2320, 3310, 3370, 4340, 3301 or 3302 or 4302 or 4303, and Linguistics 4307

Government * - Single Teaching Field

(36 hours)Political Science 1308 and/or 1309, 2310, 2320, 4398, and 24 hours of advanced level courses taken from the following five groups: (I) Political Theory and Methodology; (II) American Government; (III) Public Law and Public Administration; (IV) Comparative Government; and (V) International Relations. At least one course must be taken from four of Groups I-V. * The teaching field is government, but the major is political science.

Government * - Another Teaching Field Required

(24 hours)Political Science 1308 and/or 1309, 2310, 2320, 4398, and 12 hours of advanced level courses taken from the following 5 groups: (I) Political Theory and Methodology; (II) American Government; (III) Public Law and Public Administration; (IV) Comparative Government; and (V) International Relations. At least one course must be taken from four of Groups I-V. * The teaching field is government, but the major is political science.

Health - Another Teaching Field Required

(27 hours)Health Education 1310, 2338, 2340, 2354, 3342, 3348, 3360, 4336 and 3301 or 3350.

History - Another Teaching Field Required

(30 hours)History 1310, 1320, 2311, 2312, and two courses from Group A, two courses from Group B, two courses from Group C.

Industrial Technology - Single Teaching Field

(53 hours)Technology 1320, 1330, 1413, 1450, 2310, 2330, 2344, 2360, 2370, 3310, 3313, 3322, 4360, 4362, 4374, 4380, and 3 hours of advanced technology electives.

Management - See Basic Business

Mass Communication - Another Teaching Field Required

(18 hours)Mass Communication 1301, 1313, 2374, 3383, 3390, and 4301.

Mathematics - Single Teaching Field

(36 hours)Mathematics 2471, 2472, 3305, 3315, 3330, 3377, 3380, 4304, 4307, 4311, and 4 semester hours of electives.

Mathematics - Another Teaching Field Required

(29 hours)Mathematics 2471, 2472, 3305, 3315, 3330, 3377, 3380, 4304, and 4307.

Music - Single Teaching Field

(vocal, 67 hours)

(instrumental, 77 hours)

(keyboard, 58 hours)....Music 1210, 1211, 1212, 1213, 2123, 2260, 2261, 2262, 2263, 2141 (vocal majors only; must be repeated), 2203, 2204, 8 semester hours of private lessons (1103 through 1206 and 2105 through 2208) and an additional 2 hours in the secondary performance area for instrumental majors, 4 hours in the secondary performance area for vocal and keyboard majors only, 4 hours of ensemble (Bands: 1111-2111; Choirs: 1113-2113; Jazz Bands 1117-2117; Chamber Music or Orchestra: 1121-2121), 3 hours of instrumental techniques classes (1111-2113), for instrumental majors only, 3315, 3316, 3207, 3217 or 3227, 3220 (vocal majors only), 3241, 3253, 3269 (Instrumental majors only), 6 hours private lessons in primary performance area (3107 through 3210 and 4109 through 4211), 3 hours advanced ensemble (Bands: 3111-4111; Choirs: 3113-4113; Chamber Music and Orchestra: 3121-4121; Jazz Band 3117-4117), 6 hours instrumental techniques classes (3115-4117) for instrumental majors only, Music 3318, Music 4343 and Music 4234 (Instrumental majors only), Music 4223 (Vocal majors only).

Music - All-Level - Single Teaching Field (grades Pre-Kindergarten through grade 12)
(vocal, 73 hours)

(instrumental, 77 hours)

(keyboard, 65 hours)....Music 1210, 1211, 1212, 1213, 2123, 2260, 2261, 2262, 2263, 2141 (vocal majors only; must be repeated), 2203, 2204, 8 semester hours of private lessons (1103 through 1206 and 2105 through 2208) and an additional 2 hours in the secondary performance area for instrumental majors, 4 hours in the secondary performance area for vocal majors only, 4 hours of ensemble (Bands: 1111-2111; Choirs: 1113-2113; Jazz Bands 1117-2117; Chamber Music or Orchestra: 1121-2121), Music 1150, 2 hours of instrumental techniques classes (1111-2113) for instrumental majors only, 3315, 3316, 3207, 3217 or 3227, 3220 (vocal majors only), 3340, 3241, 3253, 3269, 6 hours private lessons in primary performance area (3107 through 3210 and 4109 through 4211), 3 hours advanced ensemble (Bands: 3111-4111; Choirs: 3113-4113; Chamber Music and Orchestra: 3121-4121; Jazz Band 3117-4117), 6 hours instrumental techniques classes (3115-4117) for instrumental majors only, Music 3318. Music 4223 (Vocal majors only), Music 4234, (Instrumental majors only)

Physical Education (limited to use with a major in Athletic Training)

(48 hours)Five (5) hours PE major/minor activities in addition to the PFW Component requirements, PE 1296, 1310, 2156, 2296 (twice), 2356, 3296 (twice), 3317, 3320, 3322, 3326, 3336, 3346, 3356, 4296 (twice), and 4351. The teaching field and prefix are still called physical education even though the degree will be a Bachelor of Exercise and Sports Science.

Physical Education - Another Teaching Field Required

(32 hours)Five (5) hours PE major/minor activities, 1310, 2356, 3317, 3320, 3322, 3329, 4323, 4351, and 3 hours elective theory. The teaching field and prefix are still called physical education even though the degree will be a Bachelor of Exercise and Sports Science.

Physical Education-All-Level - Another Teaching Field Required (grades Pre-Kindergarten through grade 12)

(38 hours)Physical Education 1310, 2356, 2365, 3317, 3320, 3322, 3324, 3329, 4323, 4351, and five (5) hours PE major/minor activities and 3 hours Physical Education elective theory. The teaching field and prefix are still called physical education even though the degree will be a Bachelor of Exercise and Sports Science.

Physical Science (post-baccalaureate option only)

(28 hours)Chemistry 1141, 1341, 1142 and 1342, Physics 1410 and 1420, four advanced courses in either chemistry or physics to be approved by the Dean of the College of Science.

Physics - Single Teaching Field

(41 hours)For BS degree, Physics 1430, 2425, 2435, 3312, 3320, 3411, 3414, 4310, 4312, 4315 and at least two additional courses from Physics 3315, 3316, 3317, 4311, 4340 or a course approved by the department chair.

Physics - Another Teaching Field Required

(25 hours)Physics 1430, 2425, 2435, 3312, 3414, and at least six hours of advanced physics.

Political Science - See Government

Spanish - Single Teaching Field

(38 hours)Spanish 1410, 1420, 2310, 2320, 3308, 3310, 4340, Linguistics 4307, two of the following: 3301, 3302, 3305, 3306, 3370, 3371, and two of the following: 4302, 4306, 4330, 4361, 4362.

Spanish - Another Teaching Field Required

(29 hours)Spanish 1410, 1420, 2310, 2320, 3308; 3301 or 3302 or 3305 or 3306; 3370 or 3371; 4340 and Linguistics 4307.

Special Education - Another Teaching Field Required

(21 hours)Special Education 2381, 3338, 3381, 4344, 4345, 4374, and 4381.

Speech Communication - Single Teaching Field or May Be Paired With Another Field

(33 hours)Speech Communication 1310, 1315, 2325, 2330, 2338, 3315, 3327, 3330, 4310, 4320, and one upper division course in speech communication.

Speech Communication

and Theatre-All-level - Single Teaching Field (grades Pre-Kindergarten through grade 12)

(49 hours)Speech Communication 1315, 2111, 2323 or 2325, 3323, 2330, 3315, 2338, 4310, Theatre 1354, 1358, 1364, 1370, 3320, 3344, 4364, 4365 and either Speech Communication 4320 or Theatre 4320.

Theatre - Single Teaching Field

(40 hours)Theatre 1354, 1364, 1365, 1358, 2111 (Theatre Activities), 2338, 3344 or 3346 or 4345, 4364, 3320, 3321, 4357, 4310, 4365, and 4320.

Theatre - Another Teaching Field Required

(24 hours)Theatre 1358, 1364, 2338, 3320 or 3321, 3344 or 3346 or 4345, 4357, 4364, and 4365.

Directed (Student) Teaching

Directed Teaching should be completed during the last long semester prior to graduation. Before being permitted to begin student teaching, students must meet all requirements listed above under Student Teaching. The following professional sequence and reading courses must be completed prior to the beginning of student teaching: elementary - *Core 1, field-based 1 and 2; secondary - CI 3310, 3325, CI 4332, CI 4343, and RDG 3323; all-level - CI 3310, 3325, CI 4332, CI 4343, and RDG 3323.

Student Teaching Roundups are held one long semester prior to the student teaching semester (early September for Spring and late January for Fall) and are mandatory for all students who plan to student teach. Students are also given information at the roundups about upcoming requirements prior to student teaching and the student teaching course(s) for which they will register.

Student teachers also have the opportunity to do half of their student teaching abroad. At the present time, international student teaching programs are offered in England, Mexico and New Zealand. Specific details are given to students at Roundups or can be obtained by making an appointment with the Associate Dean-

Director of Teacher Education and Field Experiences in the College of Education Academic Advising Center.

*Field hours are required in Field-Based 1 and 2 for elementary and in the Middle School Block (CI 3325, 4332 and 4343) and RDG 3323 or CI 3325 and the High School Block (CI 4341, 4343 and RDG 3323) for secondary/all-level students.

Courses in Education (ED)

4380 Directed Teaching. (See 4680). For All-level students and Post-BA Interns.

4381 Directed Teaching. (See 4681). For All-level students and Post-BA Interns.

4387 Directed Teaching (Kindergarten). (3-3) Experiences providing opportunities for observation, participation and directed teaching for students in kindergarten curriculum on the senior level. A minimum of one conference hour per week is required.

4680 Directed Teaching (Elementary). (1-6) In this capstone course, students will integrate and apply knowledge from their entire program while teaching in collaboration with experienced teachers in the public schools with university guidance and supervision. Students will demonstrate exit-level proficiency in state-adopted and SWT proficiencies for teachers. Prerequisites: CI 4350, CI 4355, SPED 4344. Meet department GPA standard.

4681 Directed Teaching (Secondary). (1-6) Experiences providing opportunities for observation, participation and directed teaching for students enrolled in the curriculum for high school teachers. A minimum of one conference hour per week is required. May be taken for three semester hours credit (4381) for all-level certification.

Post-Graduate Certificate Requirement

Persons who hold at least a bachelor's degree and who are seeking either initial or additional Texas teaching certificates will follow the procedures listed below:

- A. Instructions for Post-Graduates from a Texas College or University and Non-Certified Out-of-State Applicants
 1. Apply for admission through the Office of Graduate Studies and Research.
 2. Apply to the Certification Officer in the College of Education Academic Advising Center for a deficiency plan.
 3. Successfully complete the deficiencies.
 4. Apply for certification in the College of Education Academic Advising Center.
- B. Certified Out-of-State Applicants
 1. Persons holding a valid teacher certificate from another state must:
 - a. Apply to the Division of Teacher Certification of the Texas Education Agency, 1701 N. Congress Avenue, Austin, Texas 78701-1494, for either a certificate or a deficiency plan.
 - b. Obtain the necessary application form (TCER-009) from the University Certification Officer.

Note: A processing fee will be assessed at the time of application.

Southwest Texas Center for Educational Partnerships (SWT-CEP).

The SWT-CEP serves in an advisory capacity to the Teacher Education Program at Southwest Texas State University. The Center includes representatives from over 35 school districts, the teaching profession, teacher education faculty, Regional Educational Service Centers, the State Board for Educator Certification, etc. The mission of SWT-CEP is to enhance and support quality education through partnerships among Southwest Texas State University, schools and communities.

Educational Placement

Job placement assistance for students seeking employment in elementary and secondary schools is available through SWT Career Services (5th floor, LBJ Student Center). Career Services works directly with the College of Education in providing job fairs, resume preparation, on-line student profiles for school districts recruitment, etc. Employment information is also available upon request concerning education-related job opportunities in other states and overseas.



Department of Curriculum and Instruction

Chair and Professor-Dolezal. Professors-Caverly, Dorsey, Fite, Gillis, Hammond, Hatcher, Huling, Rodriguez, Webber, Wheeler, Worley. Associate Professors-Dunn, Hall, Henry, Joseph, Mandeville, Newberry, Peterson, Resta, Scheuermann, Werner. Assistant Professors-Battle, Bond, Byrum, Carter, Corman, Davis, Goodwin, Hawener, Leavell, O'Neal, Pate-Moulton, Prentice, Ramos, Schumaker, Stephens, Waite. Instructors-Anderson, Burkhardt, East, Evans, Hall, Hill, Hoke, Latiolais, Loughmiller, McCall, Neville, Nicosia, Pollard, Sullivan, Tucker, Venglar, Villegas, Whitten. Program Faculty-Curtin. Lecturers-Farr, Hickman, Nicholson, Pape, Wolaver.

The Department of Curriculum and Instruction offers programs to prepare elementary and secondary teachers. These programs lead to teacher certification in Texas.

Students who wish to teach elementary school pursue the Bachelor of Science with a major in interdisciplinary studies with four categories of study: (1) general education, (2) teaching specialty curricula designed for public school instruction, (3) a professional studies curriculum designed for specific roles in teaching, and (4) electives adequate to complete the number of hours required for graduation. Provisions within the teaching specialty curricula allow the student to select an academic specialization, teaching field, or delivery system.

Students who seek secondary certification (grades 6-12) follow the curriculum outlined by their major department. These students take professional development courses offered by the Department of Curriculum and Instruction.

Graduates of the teacher education program enter careers as school teachers or remediation specialists. They work at public and private schools, learning centers, residential programs, regional education service centers, and state and federal agencies.

Students interested in learning more about teacher education should call 245-2157 or visit the department in the Education Building, room 3038.

The Elementary Education Program

Bachelor of Science

Major in Interdisciplinary Studies

(Minimum required: 130 hours with teaching certification)

Students seeking this degree should consult with advisers in the College of Education Academic Advising Center (Education Building 2026) prior to each registration for detailed information regarding specific requirements. An academic plan should be developed so that ED 4680 (Student Teaching), and no more than one other course are taken during the same semester.

The following schedule represents a typical year-by-year progression toward the degree; however, students should develop their plans following semesterly consultations with staff in the Advising Center.

Freshman Year	Hours	Sophomore Year	Hours
Computer Science 1308	3	2 courses from ARTT 3370,	
English 1310, 1320	6	Music 1311, or Theatre 1370.....	6
1100	1	Biology 1310	3
Geography 1310.....	3	Literature Component	
History 1310, 1320	6	(English 2300+).....	3
Mathematics 1315 or 1319.....	3	Mathematics 2311, 2312	6
PFW Component		Philosophy 1305.....	3
(two courses)	2	Political Science 2310, 2320	6
Physics 1310, 1320, 1110.....	7	Specialization/Teaching Field.....	6
Speech Communication 1310	3		
			<u>33</u>

Junior Year	Hours	Senior Year	Hours
Core 1 (CI 3315, 3322, Special Education 3381)	9	Art, Dance, Music or Theatre 2313	3
Curriculum and Instruction 4350.....	3	Education 4680 (Student Teaching).....	6
Field-based Block I (CI 4355, RDG 2310, RDG 2321)	9	Field-based Block II (CI 3335, RDG 3315, 3320)	9
General Science 3310, 3320	6	Elective.....	3
Physical Education or Health Education 3321	3	Specialization/Teaching Field.....	6
Specialization/Teaching Field.....	<u>6</u>		<u>27</u>
	36		

A. Specialization/Teaching Field

1. Art: ArtF 1301, ArtF 1302, ArtF 1303, select one from the following: (ArtS 2321, ArtS 2351, ArtS 2371, ArtS 2391, or ArtS 3362 (prerequisite Tech 1450), select one from the following: (ArtS 2311, ArtS 2331, ArtS 2341, ArtS 2381), ArtT 3372, ArtT 3373 (ArtT 3374 or ArtT 4375). [ArtT 3372 (prerequisite ArtT 2371) needs to be taken as part of the Elementary Education curriculum] (27 semester hours).
2. Bilingual Education: Curriculum and Instruction 3332, 4360, 4361, 4362, Reading 4320, select one from the following: Spanish 3304, 3320, or Sociology 3327 (18 semester hours).
3. Early Childhood: Early Childhood 2310, 3330, 4310, 4350, 4352, select one from the following: Family and Consumer Sciences 3351, 3353, 4352, or Physical Education 2365 (18 semester hours).
4. English: English 2330, 2340, 4310 or 3319, 3385 or 3386, 3311 or 3315, plus one course in advanced literature not listed previously (18 semester hours).
5. French: French 1410, 1420, 2310, 2320, 3304, 4340, 3370 (or 3301 or 3302), Linguistics 4307 (26 semester hours).
6. Geography: Geography 1309, 1310, 2410, 3309, 3329, 4340 (18-19 semester hours).
7. German: German 1410, 1420, 2310, 2320, 4340, 3310, 3301 (or 3302 or 3370), Linguistics 4307 (26 semester hours).
8. Health Education: Health Education 1310, 2354, 2338, 3348, 3342 or 3375, 3360 (18 semester hours).
9. History: History 2310, 2320 (or 2311 or 2312), 3372, two advanced courses from non-American history and one advanced course from U.S. history. For lists of specific course options in these two areas, please refer to the Department of History section (18 semester hours).
10. Mathematics: Mathematics 2321, 2331, 3315, 4302, 4311, Computer Science 1318 (or 2488). (18-19 semester hours).
11. Music: Music 1311, 2123, 3255, 3340, 3269, two semester hours of voice or voice class, two semester hours of piano or piano class, three semester hours of ensemble class (18 semester hours). The music specialization provides training to enable the elementary classroom teacher to use music to enhance other subject areas only. It does not certify a teacher to teach music full-time in the elementary school.
12. Physical Education: Physical Education 1310, 2365, 3320, 3324, 3329, 4323 (18 semester hours).
13. Reading: Reading 2310, 2321, 3312, 3315, 3320, 4335 (18 semester hours).
14. Science: Biology 1431, 4402, 4403, 4305, Chemistry 1141 and 1341, Physics 4336 or 4337, select one from the following: Biology 3406, 3407, Physics 1340/1140, 1350/1140, Geology 1410, 1420 (26 hours).

15. Spanish: Spanish 1410, 1420, 2310, 2320, 3304 or 4340, plus one from the following: 3301, 3302, 3305, 3306, 3370, 3371, and Linguistics 4307 (23 semester hours).
16. Special Education: Special Education 2381, 3338, 3381, 4344, 4345, 4374, 4381 (21 semester hours).
17. Speech Communication: Speech Communication 1315, 1340, 2338, 3315, 4310, plus one from the following: 2330, 3318B, 3318C (18 semester hours).
18. Theatre: Theatre 1264, 2111, 1358 or 1364, 1370, 3315, 4310, 4370 (18 semester hours).

B. Interdisciplinary Major

In addition to the 18-24 semester hours of the student's teaching field, 12 semester hours of Reading, Mathematics 2312 and 2311, Biology 1310, and General Science 3310 and 3320 are required.

The Secondary Education Program

Students who wish to be certified to teach at the secondary school level (grades 6-12) will follow the curriculum specified by their major department and will apply to the appropriate department or advising center for their degree outline. The Department of Curriculum and Instruction provides the following professional education sequence:

Middle School Sequence: CI 3310, Middle School Block, RDG 3323, and ED 4681 (Student Teaching)

High School Sequence: CI 3310, CI 3325, High School Block, and ED 4681 (Student Teaching).

Courses in Curriculum and Instruction (CI)

3310 Public Education in America. (3-0) A study of public schooling in America including the historical, legal, and political contexts. Students will examine educators, curriculum, learning processes, teaching, instructional materials, and assessment with a focus on middle schools and high schools. Current issues will be addressed. This course serves as an introduction to the secondary education program for potential teachers as well as a survey for non-majors. Prerequisite: SWT GPA of 2.5.

(WI) ****3315 Human Development and Learning Theory. (3-0)** Students will study human development and learning theories, including social and cultural factors that affect learning. Implications for classrooms and teaching will be discussed. Students will also examine education as a profession. Prerequisite: Meet department GPA standards.

****3322 Elementary Curriculum and Teaching Materials. (3-0)** This course focuses on the application of learning theory in an instructional setting. Various teaching strategies and instructional methods are examined in relation to classroom activities. Use of classroom planning, organizing and utilization of materials is emphasized. Prerequisites: Department GPA standards, CI 3315, SPED 2325, SPED 3381, or concurrent enrollment.

****3325 Adolescent Growth and Development. (3-0)** Study of biological, cognitive, and psychological theories and processes of adolescence. Prepares prospective teachers to understand abilities, behaviors, and needs of learners. Roles of family, peer groups, and culture examined with the aid of contemporary adolescent literature. Prerequisites: CI 3310, SWT GPA of 2.50, passing scores on TASP.

** Fifteen clock hours of field experience required.

3332 Introduction to Bilingual Education. (3-0) The rationale, history, and philosophy of bilingual education, planning for the provision of the cultural, motivational, and self-concept influences that mediate the learning process of the limited English proficiency pupil in the elementary classroom. Prerequisite: SWT GPA of 2.5.

3335 Humanities in the Integrated Elementary Curriculum. (3-0) Course provides the knowledge and skills needed to use the major concepts and processes from the fine arts and the social sciences to develop appropriate curriculum for the elementary school student. Assessment of student needs relevant to the fine arts and social studies curriculum, planning lessons and integrated units, effective instructional delivery, and evaluation of student progress and preservice teacher effectiveness are included in this field-based course. Prerequisites: GEO 1310 and CI 3315 and meet departmental GPA standards.

4325 Student Management in the Elementary Schools. (3-0) The course will include classroom discipline and pupil control techniques. It will also develop methods of educational diagnosis, testing, and evaluation which may be used in effective student learning activities. Prerequisite: SWT GPA of 2.5.

4332 Secondary Teaching: Curriculum and Technology. (3-2) Investigation of secondary curriculum: its history, organization, development, and representation in instructional materials. Students learn how curriculum is decided, impacted, and assessed. Topics include local, state, and national standards, trends, and roles of culture and technology in teaching and learning. Prerequisites: CI 3310, SWT GPA of 2.50, passing scores on TASP.

4343 Instructional Strategies for the Secondary Teacher. (3-0) Study of models for instruction, with attention to assessment and classroom management. Students develop and practice strategies for building classroom communities, teaching all learners, and integrating technology into instruction. Focus on meeting needs of individual learners while maintaining academic rigor. Prerequisites: CI 3310, SWT GPA of 2.50, passing scores on TASP.

4350 Mathematics in the Integrated Elementary Curriculum. (3-0) Course provides an in-depth study of the mathematics content and methodology derived from principles of learning and research. Primary focus will be on the development of mathematics understanding and relevant applications rather than manipulation of numbers without context, purpose, or concepts. Students will develop the skills needed in cooperative planning, provide methods of organizing mathematical principles into lessons for pupils, and develop techniques for evaluating pupil progress within a field-based environment. Prerequisites: MATH 1315 or MATH 1319 and meet departmental GPA standards.

4355 Science in the Integrated Elementary Curriculum. (3-0) Course provides an in-depth study of the use of both the content and processes of science in producing integrated, developmentally appropriate elementary science curriculum. Students learn to use the major concepts and themes of science to organize activity-driven, process-rich, interdisciplinary instructional units. The management of materials, students, and instructional time during inquiry and other problem-solving activities, and the assessment of student progress are also stressed in this field-based class. Prerequisites: CI 3335, RDG 3315, RDG 3320. Meet department GPA standards.

4360 Teaching the Bilingual Content Areas. (3-0) Content, methods and materials of elementary bilingual classroom instruction. Teaching the bilingual curriculum and providing strategies and materials for meeting the needs of the Limited English Proficient (LEP) pupil.

4361 Psychological Foundations of Bilingual Education. (3-0) The study of the educational foundation and development of bilingual education. The evalua-

tion of achievement and learning ability of the Limited English Proficient (LEP) pupil will be examined. The psychological development of the LEP pupil and relationship of cultural values, socialization practices and learning styles will be analyzed.

4362 The Elementary Bilingual Content Areas. (3-0) A study of the mathematics, science, social studies, and language arts curriculum of the bilingual elementary classroom. Prerequisite: SWT GPA of 2.5.

4378 Problems in Education. (3-0) Individual problems related to areas of selected study for the undergraduate student, designed to meet individual differences for the purpose of certification. A letter following the course title on the permanent record will indicate the area of emphasis according to this code: (i) Elementary, (j) Secondary, and (l) Bilingual. For undergraduates only. Prerequisite: SWT GPA of 2.5.

Courses in Early Childhood Education (ECE)

2310 The Young Child in the Family: An Introduction. (3-0) The study of the young child in the family structure, with emphasis on family-life patterns, available community resource, historical perspective and related current issues. Prerequisite: SWT GPA of 2.5.

(WI) **3330 Early Childhood Development. (3-0)** Basic principles of physical, cognitive, language, social and emotional development. Prerequisite: SWT GPA of 2.5.

4310 Seminar for Teachers of Young Children. (3-3) Directed Field Experiences in observation, participation, problem-solving, assessing and teaching in programs for young children. A minimum of one conference hour per week is required in addition to assignment (three hours weekly) in an approved preschool program. Prerequisite: SWT GPA of 2.5.

4350 Curriculum for the Pre-School Child. (3-0) Study of the educational pre-school program, its methods, curriculum, and materials appropriate for three-, four-, and five-year-old children. Prerequisite: SWT GPA of 2.5.

4352 Kindergarten Curriculum. (3-0) Study of the kindergarten curriculum. Emphasizes program development and developmentally appropriate teaching strategies, materials, and activities. Prerequisite: SWT GPA of 2.5.

4380 Independent Study in Early Childhood. (3-0) In-depth study of selected topics of current need or interest in early childhood education. Work due on independent study basis with faculty member and only with permission of department. Prerequisite: SWT GPA of 2.5.

Courses in Reading (RDG)

1300 Reading Improvement. (3-2) A content-based learning strategies course for students who require compensatory instruction in vocabulary, reading comprehension, critical reading, study skills, and test-taking skills. Required for students who fail to make passing scores on the TASP reading subtest. Concurrent enrollment in specific sections of appropriate general education courses is required. Credit earned for this course will not count toward any baccalaureate degree offered by the University.

2310 Introduction to the Nature of Reading and Readers. (3-0) Course provides background knowledge necessary for the teacher of reading at any level. Topics include: nature of the reader, symbolic language representation, models of the reading process, writing as a process, and research that informs practice. Pre-

requisites: Department GPA standards, CI 3315, SPED 2325, SPED 3381, or concurrent enrollment.

2321 Methods and Materials for Developmental Reading. (3-0) Course provides information about current reading methods, materials, and strategies for teaching developmental reading at all levels with an emphasis on the elementary grades. Course topics include the major approaches and materials for teaching reading; teaching word recognition/analysis, comprehension, and vocabulary strategies; using literature in the reading/writing program; and implementing instructional strategies with both novice readers and expert readers at the preschool elementary, and intermediate-secondary levels. Prerequisites: Department GPA standards, CI 3315, SPED 2325, SPED 3381, or concurrent enrollment.

3310 Diagnostic-Prescriptive Reading Instruction. (3-0) Course provides information about and strategies for classroom assessment and reading instruction for students who are not making average progress in reading. Course topics include gathering and using assessment data, corrective teaching strategies, teacher/program effectiveness research, groups with special needs, and legal requirements related to special populations. Prerequisite: SWT GPA of 2.5.

3312 Reading and Writing Instruction for Children with Special Needs. (3-0) Course focuses on classroom reading instruction for children not making average progress in reading and writing. Course topics include: the nature and identification of reading and writing difficulties, including dyslexia; strategies for modification of instruction for children with special needs; diagnostic teaching, teacher/program effectiveness research, and legal requirements related to special populations. Prerequisites: RDG 2310, RDG 2321 and SWT GPA of 2.5.

3315 Assessing Reading and Writing. (3-0) Students will learn about the characteristics, uses, and limitations of various types of assessment tools; laws and policies related to assessment; and apply what they have learned about assessment and assessment-based planning and teaching in the elementary language arts classroom. This is a field-based class. Prerequisites: CI 3322, RDG 2310, RDG 2321. Admission to Teacher Education. Meet department GPA standards.

(WI) 3320 Integrating Reading and Writing. (3-0) Students study the integrative approach to reading and writing in the elementary school curriculum. During a field experience, students apply the theories learned by tutoring children and teaching lessons to whole and small groups. Prerequisites: CI 3322, RDG 2310, RDG 2321. Admission to Teacher Education. Meet department GPA standards.

3323 Teaching Reading in the Content Areas. (3-0) Provides information about reading in secondary content areas emphasizing selection and use of materials, including textbooks in print and electronic formats. Topics include instructional strategies, assessment of comprehension, and adapting instruction to meet student needs. Prerequisites: CI 3310, SWT GPA of 2.50, and passing scores on TASP.

4310 Content Reading. (3-3) Course provides information about instruction in the elementary content areas with emphasis on the effective use of textbooks and tradebooks. Course topics include: nature and purpose of content instruction and reading, text selection, use of tradebooks, comprehension, inquiry learning and problem solving, and assessment and meeting individual needs in content reading. Prerequisite: SWT GPA of 2.5.

4320 Teaching English to Speakers of Other Languages. (3-0) An introduction to a study of the relationships between the sociolinguistic background and acquisition of English as a second language by speakers of other languages. Study of the reading content basis for the effective teaching of reading to speakers of other languages. Prerequisite: SWT GPA of 2.5.

4335 Clinical Practicum. (3-0) This is the final course in the concentration. Course content has to do with diagnosis and remediation of reading disabilities; the

main emphasis is on student development of prescribed competencies through observation and participation in the Reading Center for a minimum of five hours per week. Prerequisite: SWT GPA 2.5.

4380 Independent Study in Reading Instruction. (3-0) Analysis and interpretation of selected topics of special interest in reading and language arts instruction. Topics and instructors will vary from semester to semester. Prerequisite: SWT GPA of 2.5.

Courses in Special Education (SPED)

2381 Assessing Students with Special Needs. (3-0) This course will familiarize students with standardized testing concepts as they relate to special education placement. Emphasis will be placed on the value and importance of formal and informal assessment the identification of intelligence, academic achievement, social/emotional/motor development, and cognitive functioning as well as the implications of these results for remediation. A lab will accompany this course where students will practice assessment and remediation procedures. Prerequisite: A minimum SWT GPA of 2.5.

3338 Exceptional Learner in Secondary Schools. (3-0) This course will examine issues and practices relevant to adolescents and young adults with disabilities. Topics to be addressed include adolescent development, instructional arrangements, academic and nonacademic curricula, instructional strategies, and societal, educational, and legal issues relevant to adolescents with disabilities. Prerequisites: Admission to Teacher Education and a minimum SWT GPA of 2.5.

3381 Survey of Exceptionality. (3-0) This course provides for the examination of types, characteristics, and etiologies of various exceptionalities; identification of state and federal laws as they relate to various populations; and identification of resources pertaining to the education of exceptional students. Prerequisite: Meet departmental GPA standards.

4310 Selected Topics in Special Education. (3-0) In-depth study of selected topics of current interest in special education. Work done on an independent study basis with faculty member and available only with permission of department. Prerequisite: SWT GPA of 2.5.

4344 Instructional Modifications for Special Populations. (3-0) Course provides information about curricular and instructional modifications for special populations. The role of classroom management, legal constraints on curriculum for these populations and issues that affect curriculum decisions for these populations will be addressed. Appropriate curricula for special populations will be described, including academic tool subjects and non-academic curricula. Specific methods for individualizing instruction under a variety of classroom conditions will be presented. Course content will be applied in field-based setting. Prerequisites: CI 3335, RDG 3320, RDG 3315. Meet department GPA standards.

4345 Integrated Approaches for Special Populations. (3-0) Course includes consultation skills for teachers, specific assessment strategies, intervention strategies, conferencing and counseling skills, and community resources. Emphasis will be placed on the special needs of students with very challenging behavior and the need for family involvement. Course content will be applied in a field-based setting. Prerequisites: CI 4350, CI 4355, SPED 4344. Meet department GPA standards.

4374 Applied Behavioral Analysis in Special Education. (3-) Examination of student behavior, techniques for maintaining or improving appropriate behavior, as well as techniques for decreasing inappropriate behavior. Emphasis will be placed on applied behavior in the classroom. Supervised clinical practice. Prerequisites: Admission to Teacher Education and a minimum SWT GPA of 2.5.

4381 Teaching Students with Severe Disabilities. (3-0) This course provides an overview of student characteristics and appropriate instructional techniques pertaining to individuals with severe disabilities. Special emphasis will be placed on functional assessment, curriculum development, instructional strategies, and behavior management for these special students. Issues regarding public school programming will be addressed. Prerequisites: Admission to Teacher Education and a minimum SWT GPA of 2.5.



Department of Educational Administration and Psychological Services

Chair and Professor-McCullough. Professors-Beck, Jorgenson, Lyman, Waite, Willoughby. Associate Professors-Boone, Carns, Carns, Garcia, Gordon, Jones, Payne, Reese, Scholwinski, Scribner, Studer. Assistant Professors-Connolly, Dochen, Garrison, Hodges, Homeyer, McGhee, Plotts, Ross-Gordon, Sanmiguel, Schmidt, Slater, Smith. Instructor-Spears.

The Department of Educational Administration and Psychological Services is primarily a graduate department, offering programs in professional counseling, adult and developmental education, educational administration, and school psychology. While the department offers no undergraduate degrees, it does provide courses that support other programs offered by the university. Students interested in learning more about these courses should call the department at (512) 245-2575.

Courses in Educational Administration and Psychological Services (EDP)

1350 Effective Learning. (3-0) A study of the acquisition of procedural knowledge through the application of human learning theory, cognitive behavior modifications, and developmental psychology. Generalization and transfer of this knowledge will be emphasized.

3320 Introduction to Counseling and Psychotherapy. (3-0) The course is designed for upper-division undergraduates who are considering entering a helping profession or who wish to know more about counseling before entering into graduate study. The course will offer an broad overview of counseling, counseling theories, and interpersonal communication skills that will facilitate a counseling relationship. This class will leave students with a greater knowledge of the field of counseling and psychotherapy, a greater understanding of the counseling professional, greater self-awareness, and improved listening and communication skills. A combination of lectures, discussions, films, presentations, and experiential exercises will be employed to reach these goals.

***4378 Problems in Education. (3-0)** Individual problems related to areas of selected study of the undergraduate student, designed to meet individual differences for the purpose of certification. A letter following the course title on the permanent record will indicate the area of emphasis according to this code: (c) Counseling. For undergraduates only.

*May be repeated for credit.

Department of Health, Physical Education, Recreation and Dance

Chair: To Be Named. Professors-Burkhardt, Furney, Hays, Johnson, Murray, Paese, Patton, Wiley. Associate Professors-James, Lord, Schmidt, Stedman, Walker. Assistant Professors-Awonyi, Buswell, Gustafson, Krampitz, Lloyd, Rutledge, Tague, Vaughan, Wacker. Instructors-Brice, Chisum, DeBesse, Downey, Earl, Fife, Gish, Hood, Hudson, Karlik, Kinlund, Levermann, Lewis, Sabin, Smith, Spencer. Lecturers-Angell, Baker, Cuestas, Elgas, Jackson, Marion Johnson, Moreau, Reeves, Roberts, Stone, Tournear.

The Department of Health, Physical Education, Recreation and Dance* offers the physical fitness and wellness courses required by SWT's general education core curriculum. The department also offers several undergraduate degrees and majors. These are described below. Students interested in learning more about any program in health, physical education, recreation, or dance should call 512-245-2561 or visit the department in Jowers Center, Room 116.

Recreational Administration. The Bachelor of Science in Recreational Administration combines classroom learning and on-the-job training. Students study such areas as recreation programming, leadership, marketing, evaluation, Leisure Education, administration, and therapeutic recreation. Recreational administration graduates including those with an emphasis in therapeutic recreation, work in camps, nursing homes, community recreation centers, resorts, hospitals, rehabilitation facilities, fitness centers, and state and national parks. The program is nationally accredited, as well as the therapeutic recreation emphasis. Graduates of this program are eligible (sit for exams) for National Council for Therapeutic Recreation Certification (CTRS) and/or the National Recreation and Park Association's National Certification Board (CLP).

Dance. The Bachelor of Science includes a major, a minor and teacher certification options in dance. SWT's dance program prepares professional performers and choreographers and certifies teachers for the public schools. Students explore several forms of dance and learn to use those forms in educational and community settings. The role of dance as an art form and a means of developing sound aesthetic values is paramount in the program. Graduates work in public schools, private schools, private studios and professional dance groups.

Health and Wellness Promotion. Health promotion is the process of improving people's understanding, attitudes, and conduct regarding individual and community health. Professionals in health promotion teach elementary or secondary school, or they work in community health agencies. SWT health promotion graduates work in education, emergency medical services, senior citizens programming, worksite wellness programs, Public Health Departments, Volunteer Health Organizations, and various other fields. The Bachelor of Health and Wellness Promotion (BHWP) provides a major in health and wellness promotion with secondary certification, or with elementary certification, or a non-teaching major with a specialization in community health promotion.

Exercise and Sports Science. The Bachelor of Exercise and Sports Science prepares students for careers as teachers in elementary and secondary schools and as athletic coaches. Students may choose either secondary or all-level (elementary and secondary) certification. Graduates with teacher certification work in elementary and secondary schools in Texas and elsewhere.

Athletic Training. Athletic training concerns all aspects of the athletes' health and safety. Athletic trainers help prevent injuries and provide immediate treatment and rehabilitation for injured athletes as directed by a team physician.

The Bachelor of Exercise and Sports Science (BESS) degree with a major in athletic training prepares students for the State of Texas Athletic Trainers' License and the National Athletic Trainer's Association Board of Certification's examination. A secondary teaching certificate is also available. Although most graduates work in secondary schools, many trainers find positions with colleges and universities, professional sport teams, and sport medicine clinics.

Athletic training has a limited enrollment; therefore, students desiring to be considered for admittance should obtain an application from the department.

Health and Fitness Management. The health and fitness management program is available under the BESS degree and prepares students to direct fitness enterprises and wellness or health awareness programs in commercial, corporate, and institutional settings. Areas of study include fitness programming, stress management, smoking cessation, diet/nutrition, health-risk appraisal, and employee assistance. The curriculum also allows students to acquire the academic and clinical prerequisites needed to earn professional certification. Graduates work as fitness leaders, exercise testing technicians, cardiac rehabilitation specialists, or corrective therapists. Others are employed as salespersons, administrators, and managers of sports or fitness facilities.

PFW General Education Courses

The SWT General Education Core Curriculum includes a two-course physical fitness/wellness requirement. (Veterans with a DD214 discharge form or those with similar active duty in the National Guard or Armed Forces of another nation may receive up to 4 hours of PE credit, thus fulfilling the Physical Fitness requirement. Students with documented disabilities should consult with the Health, Physical Education, Recreation, and Dance* Department for appropriate accommodations.)

The two-course requirement includes:

Two courses from PFW 1101-1139, 1150-1164, and 1166-1225
(OR)

One course may be taken from the above list and one course may be taken from PFW 1140, PFW 1149, PFW 1165, and MU 1111C, MU 2111C, MU 3111C, or MU 4111C (marching band).

Physical Fitness/Wellness Courses (PFW)

- 1101 (PHED 1164) Lifetime Fitness & Wellness.
- 1110A (PHED 1164) Beginning Aerobics.
- 1110B (PHED 1164) Intermediate Aerobics.
- 1110C (PHED 1164) Gymnastics.
- 1110D (PHED 1164) Balance & Tumbling.
- 1110E (PHED 1164) Beginning Jogging/Conditioning.
- 1110F (PHED 1164) Basic Fitness Activities.
- 1110G (PHED 1164) Beginning Weight Lifting.
- 1110H (PHED 1164) Physique Development.
- 1110I (PHED 1164) Beginning Cycling.
- 1110J (PHED 1164) Intermediate Cycling.
- 1110K (PHED 1164) Restricted Fitness Activities.
- 1114 (PHED 1164) Topics in Fitness Activities.
- 1125A (PHED 1164) Wrestling.
- 1130A (PHED 1164) Beginning Basketball.
- 1130B (PHED 1164) Soccer.

- 1135A (PHED 1164) Water Aerobics.
- 1135B (PHED 1164) Aquatic-Conditioning.
- 1140A (PHED 1164) Football Varsity.
- 1140B (PHED 1164) Basketball - Men's Varsity.
- 1140C (PHED 1164) Basketball - Women's Varsity.
- 1140D (PHED 1164) Track & Field - Men's Varsity.
- 1140E (PHED 1164) Track & Field - Women's Varsity.
- 1140F (PHED 1164) Volleyball - Varsity.
- 1140G (PHED 1164) Baseball - Men's Varsity.
- 1140H (PHED 1164) Softball - Women's Varsity.
- 1140I (PHED 1164) Soccer-Women's Varsity.
- 1149 (PHED 1164) Strutters.
- 1150A (PHED 1164) Beginning Archery.
- 1150B (PHED 1164) Beginning Bowling.
- 1150C (PHED 1164) Intermediate Bowling.
- 1150D (PHED 1164) Beginning Golf.
- 1150E (PHED 1164) Intermediate Golf.
- 1150F (PHED 1164) Self Defense.
- 1150G (PHED 1164) Restricted Leisure Activities.
- 1150H (PHED 1164) Western Horsemanship.
- 1150I (PHED 1164) Hunt Seat Equitation.
- 1154 (PHED 1164) Topics in Leisure/Recreation Activities.
- 1155A (PHED 1164) Beginning Badminton.
- 1155B (PHED 1164) Beginning Fencing.
- 1155C (PHED 1164) Intermediate Fencing.
- 1155D (PHED 1164) Advanced Fencing.
- 1155E (PHED 1164) Fencing - Epee.
- 1155F (PHED 1164) Fencing - Sabre.
- 1155G (PHED 1164) Racquetball.
- 1155H (PHED 1164) Beginning Tennis.
- 1155I (PHED 1164) Intermediate Tennis.
- 1155J (PHED 1164) Judo.
- 1155K (PHED 1164) Beginning Karate.
- 1155L (PHED 1164) Intermediate Karate.
- 1155M (PHED 1164) Advanced Karate.
- 1155N (PHED 1164) Pocket Billiards
- 1160A (PHED 1164) Softball.
- 1160B (PHED 1164) Beginning Volleyball.
- 1160C (PHED 1164) Intermediate Volleyball.
- 1165A (PHED 1164) Golf - Men's Varsity.
- 1165B (PHED 1164) Tennis - Men's Varsity
- 1165C (PHED 1164) Tennis - Women's Varsity.
- 1180A (DANC 1147) Beginning Jazz.
- 1180B (DANC 1148) Intermediate Jazz.
- 1180C (DANC 2147) Advanced Jazz.
- 1180D (DANC 1141) Beginning Ballet.
- 1180E (DANC 1142) Intermediate Ballet.
- 1180F (DANC 2141) Advanced Ballet.
- 1180G (DANC 1145) Beginning Modern Dance.
- 1180H (DANC 1146) Intermediate Modern Dance.
- 1180I (DANC 2145) Advanced Modern Dance.
- 1180J (DANC 1122, DANC 1128, & DANC 1133) Beginning Recreational Dance.

- 1180K (PHED 1164) Ballet Folklorico.
- 1190A (PHED 1164) Canoeing.
- 1190B (PHED 1164) Beginning Swimming.
- 1190C (PHED 1164) Intermediate Swimming.
- 1190D (PHED 1164) Skilled Swimming.
- 1190E (PHED 1164) Lifeguard Training.
- 1200 Beginning Scuba Lab.
- 1200 Beginning Scuba Diving (Open Water I).
- 1201 Advanced Scuba Diving.
- 1204 Underwater Photography.
- 1225 Water Safety Instructor.

All PFW courses meet two clock hours per week for one semester hour credit unless otherwise designated.

Bachelor of Exercise and Sports Science
Major in Exercise and Sports Science
(Minimum required: 128-134 semester hours)

Freshman Year	Hours	Sophomore Year	Hours
Natural science Component	7	Biology 2430	4
Speech Communication 1310	3	Health Education 2338 or 2354	3
English 1310, 1320.....	6	Minor	6
University Seminar	1	Literature Component.....	3
History 1310, 1320	6	Political Science 2310, 2320	6
Mathematics 1315, 1316, or 1319	3	Social Science Component*	3
PFW Component		Physical Education 2356, 3329	6
(two courses)	2	Physical Education	
Philosophy 1305.....	3	(PE major/minor activities)	3
Physical Education 1310	3		<u>34</u>
	<u>34</u>		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Minor	9-15
Computer Science 1308	3	Free electives.....	9-15
Physical Education 3317, 3320	6	Physical Education 4323, 4351	<u>6</u>
Physical Education advanced			30-36
elective theory	3		
Minor	3		
Free electives.....	<u>12</u>		
	<u>30</u>		

**Bachelor of Exercise and Sports Science
Major in Exercise and Sports Science
(Minimum required: 134 semester hours
with teaching certification)**

All-level Certification - Another Teaching Field Required

Freshman Year	Hours	Sophomore Year	Hours
Natural science Component	7	Biology 2430	4
Speech Communication 1310	3	Literature Component	3
Social science Component	3	Philosophy 1305.....	3
English 1310, 1320.....	6	Physical Education 2356, 2365 and 2 hours physical education	
University Seminar 1100.....	1	major/minor activities	8
History 1310, 1320	6	Political Science 2310, 2320	6
Mathematics 1315, 1316 , or 1319	3	Second Teaching Field.....	<u>12</u>
Physical Education 1310 and 3 hours Physical Ed. major/ minor Activities	<u>6</u>		36
	35		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Curriculum and Instruction 3325, 4332, 4343.....	9
Curriculum and Instruction 3310.....	3	Reading 3323	3
Physical Education 3317, 3320, 3324, 3329, 4323.....	15	Physical Education 3322, 4351	6
Second Teaching Field.....	<u>12</u>	Physical Education advanced elective theory	3
	33	Second Teaching Field.....	3
		Education 4380, 4381	<u>6</u>
			30

**Bachelor of Exercise and Sports Science
Major in Exercise and Sports Science
(Minimum required: 128 semester hours
with teaching certification)**

Secondary Certification - Another Teaching Field Required

Freshman Year	Hours	Sophomore Year	Hours
Natural science Component	7	Art, Dance, Music, or Theatre 2313 ...	3
Speech Communication 1310	3	Biology 2430	4
English 130, 1320.....	6	Literature Component.....	3
University Seminar 1100.....	1	Philosophy 1305.....	3
History 1310, 1320	6	Physical Education 2356 and 3 physical education major/ minor PE activities	6
Mathematics 1315, 1316, or 1319	3	Political Science 2310, 2320	6
Physical Education 1310	3	Second teaching field	<u>9</u>
PFW Component (2 courses)	2		34
Social science Component	<u>3</u>		
	34		

Junior Year	Hours	Senior Year	Hours
Curriculum and Instruction 3310.....	3	Curriculum and Instruction 3325, 4332, 4343.....	9
Physical Education 3317, 3320, 3329, 4323.....	12	Reading 3323.....	3
Physical Education elective theory.....	3	Physical Education 3322, 4351.....	6
Second teaching field.....	12	Second teaching field.....	3
Elective.....	3	Education 4681.....	6
	<u>33</u>		<u>27</u>

Bachelor of Exercise and Sports Science
Major in Athletic Training
(Minimum required: 129 semester hours)

Notes:

1. Students are admitted into the degree program according to university policies as well as regulations set forth by the National Athletic Trainers Association, Commission on Accreditation of Allied Health Education Programs and the Board of Athletic Trainers of the State of Texas. Students desiring admission must see the adviser to obtain an application.
2. Athletic training does not constitute a teaching field; therefore, if a teaching certification is desired, students must complete the exercise and sports science teaching certificate requirements. A second teaching field may be elected.
3. A minimum of three years of clinical experience at the university level are required. Clinical experience constitutes attendance at scheduled seminars and working a minimum of 20 clock hours each week as a student trainer with approved supervision for a minimum of 600 hours each year.
4. Upon completion of the degree, the applicant will be qualified for the State of Texas Athletic Trainers License and the National Athletic Trainers Association's Board of Certification's examination pending approval by the two boards after successfully passing the tests administered by the two respective boards.

Freshman Year	Hours	Sophomore Year	Hours
Biology 1420, 2430.....	8	Natural Science Component (Physics)...	4
English 1310, 1320.....	6	Speech Communication 1310.....	3
University Seminar 1100.....	1	Literature Component.....	3
History 1310, 1320.....	6	Math 1315, 1316, or 1319.....	3
Physical Education 1296, 1310, 2156, 2356.....	9	Physical Education 2296, 2296, 3326, 3336.....	10
Health Education 2354.....	3	Physical Education (P.E. major/minor activities).....	2
PFW Component (2 courses).....	<u>2</u>	Political Science 2310, 2320.....	6
	<u>35</u>	Psychology 1300.....	<u>3</u>
			34

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...3		Physical Education 3322, 4296,	
Family and Consumer Sciences		4296, 4351	10
3362 or 4302I	3	Minor	15
Health Education 2338 or 3348	3		<u>25</u>
Physical Education 3296, 3296,			
3317, 3320, 3346, 3356.....	16		
Physical Education			
(P.E. major/minor activity).....	1		
Minor	6		
Philosophy 1305.....	3		
	<u>35</u>		

**Bachelor of Exercise and Sports Science
Major in Athletic Training
(Minimum required: 129 semester hours
with teaching certification)**

Secondary Certification - Another Teaching Field May Be Elected

Notes:

1. Students are admitted into the degree program according to university policies as well as regulations set forth by the National Athletic Trainers Association, Commission on Accreditation of Allied Health Education Programs and the Board of Athletic Trainers of the State of Texas. Students desiring admission must see the adviser to obtain an application.
2. Athletic training does not constitute a teaching field; therefore, if a teaching certification is desired, students must complete the exercise and sports science teaching certificate requirements. A second teaching field may be elected.
3. A minimum of three years of clinical experience at the university level are required. Clinical experience constitutes attendance at scheduled seminars and working a minimum of 20 clock hours each week as a student trainer with approved supervision for a minimum of 600 hours each year.
4. Upon completion of the degree, the applicant will be qualified for the State of Texas Athletic Trainers License and the National Athletic Trainers Association's Board of Certification's examination pending approval by the two boards after successfully passing the tests administered by the two respective boards.

Freshman Year	Hours	Sophomore Year	Hours
Biology 1420, 2430	8	Natural Science Component (Physics) ..	4
Health Education 2354	3	Literature Component	3
English 1310, 1320	6	Physical Education 2296, 2296,	
University Seminar 1100.....	1	3326, 3336 and 2 hours	
History 1310, 1320	6	Physical Education (PE)	
Physical Education 1296, 1310,		major/ minor Activities	12
2156, 2356	9	Political Science 2310, 2320	6
PFW Component (2 courses)	2	Math 1315, 1316, or 1319	3
	<u>35</u>	Speech Communication 1310	3

Junior Year	Hours	Senior Year	Hours
Curriculum and Instruction 3310.....	3	Art, Dance, Music, or Theatre 2313 ...	3
Physical Education 3296, 3296, 3317, 3320, 3346, 3356.....	16	Curriculum and Instruction 3325, 4332, 4343	9
Philosophy 1305.....	3	Physical Education 3322, 4296, 4296, 4351	10
Health Education 2338 or 3348	3	Reading 3323	3
Physical Education major/ minor activity	1	Education 4681	6
Family and Consumer Sciences 3362 or 4302I	3		31
Psychology 1300	3		
	<u>32</u>		

**Bachelor of Exercise and Sports Science
Major in Health and Fitness Management
(Minimum required: 133 semester hours)**

Freshman Year	Hours	Sophomore Year	Hours
Chemistry 1310, 1430	7	Accounting 2361, 2362	6
Speech Communication 1310	3	Biology 2430	4
English 1310, 1320.....	6	Literature Component	3
University Seminar 1100.....	1	Health Education 2340	3
History 1310, 1320	6	Physical Education 2356	3
Mathematics 1315, 1316 or 1319.....	3	Physical Education 1175a or Physical Fitness and Wellness 1110E, and 1176a, 1178a, 1179a....	4
PFW Component (two courses)	2	Political Science 2310, 2320	6
Philosophy 1305.....	3	Recreational Administration 1320.....	3
Physical Fitness and Wellness 1110F, 1110G, 1155G	3		32
	<u>34</u>		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Physical Education 3323	3
Computer Information Systems 3370 ..	3	Health Education 4340*, 4350	6
Economics 2320	3	Family and Consumer Sciences 3362 or 4302I.....	3
Business Law 2361	3	Mass Communication 3343	3
Management 3303.....	3	Marketing 3343	3
Physical Education activities.....	2	Physical Education 4323	3
Physical Education 3317, 3320, 4351..	9	Physical Education 4317, 4217	5
Psychology 3350 or 3361	3	Sociology 3340.....	3
Elective theory (must be writing intensive)	3	Health Education 4660*	6
	<u>32</u>		35

*To be completed in wellness, health or fitness promotion program.

Courses in Physical Education (PE)

Physical Education 1100 through 1192 are physical education major-minor courses. Non-major/minors may enroll only with authorization of the department.

1100 Lifetime Fitness and Wellness

1170A Beginning Badminton

1171A Beginning Basketball

1172A Soccer

1175A Beginning Jogging/Conditioning

1176A Beginning Tennis

1177A Beginning Track and Field

1178A Beginning Volleyball

1179A Beginning Weight Training

1180A Beginning Ballet

1180B Intermediate Ballet

1180C Advanced Ballet

1181A Beginning Modern Dance

1181B Intermediate Modern Dance

1181C Advanced Modern Dance

1182A Beginning Recreational Dance

1192A Beginning Balance and Tumbling

***1296, 2296, 3296, 4296 Field Problems in Athletic Training. (3-20)** A study of the training room and its practices and procedures. A weekly three-hour seminar and a minimum of 20 hours per week of clinical experience. Prerequisite: Consent of instructor.

1310 (PHED 1301) Foundations of Exercise and Sports Science. (3-0) Introduction to the various areas of physical education, including brief historical backgrounds, professional opportunities, present status, past and present leaders, individual awareness of professional responsibilities; familiarization with current trends and issues, and professional literature.

2156 Taping and Bandaging Athletic Injuries. (1-1) The use of taping and bandage techniques used in the prevention and care of athletic injuries.

2320 Analysis of Movement Skills. (3-0) A study of fundamental and specialized movement skills for the purpose of developing skill technique knowledge and instruction. Special emphasis will be placed on the application of error detection and correction.

2356 Prevention and Care of Athletic Injuries. (3-0) Study of massage, care of sprains, bruises, strains, wounds, and problems of the athletic training room.

(WI) **2365 (PHED 1333) Rhythm and Movement Activities. (3-2)** Rhythmical movement exploration as a basis of developing basic movement skills, fitness, and dance activities. Right and left brain developmental theories will be explored in conjunction with creative/ rhythmic movement discovery. Beginning modern dance or recreational dance recommended.

3303 Assistant Instructor. (6-3) Lecture, laboratory in teaching skills leading to assistant instructor's certification (National Association of Underwater Instructors). Prerequisite is PFW 1201. An appropriate personal lifetime fitness and wellness component will be included.

3304 Divemaster. (6-3) Designed to train highly competent divers in skills to supervise and organize all phases of recreational diving. Prerequisite is PE 3303. An appropriate personal lifetime fitness and wellness component will be included.

*Each course may be repeated for credit.

3305 Professional Diving Instructor. (6-3) Leads to international certification by the National Association of Underwater Instructors as scuba instructors. Prerequisite: PE 3300 or consent of instructor. An appropriate personal lifetime fitness and wellness component will be included.

3317 The Physiology of Exercise. (2-2) Application of physiological principles to health and physical education with an analysis of the manner in which the body reacts to the exacting requirements of exercise. Prerequisite: BIO 2430 or the equivalent.

3320 Kinesiology. (3-0) Study of human movement from the point of view of the physical sciences. Experiences are provided in the analysis of motor performance through practical application of mechanical and anatomical laws.

3321 Physical Activities for Elementary Students. (3-0) Examination of traditional content matter and innovative techniques in physical education for elementary students. Course may not be counted in the health and wellness promotion or exercise and sports science major/minor programs.

3322 Theory of Sports Techniques. (2-2) The theory and curriculum underlying sports applied to practical secondary school situations; special emphasis upon aids, equipment, organization, control and management, and classification of participants instruction and practice in officiating. Prerequisite: Permission of the department.

(WI) **3323 Rationale and Principles of Movement Science. (3-0)** Social, political, economic, historical, and psychological backgrounds are studied as sources for forming basic principles in relation to physical well-being. Specific units of work include study of the psychological, social and cultural changes and legal ramifications associated with movement sciences.

3324 Movement Exploration in Exercise and Sports Science. (2-2) Introduction to the principles and content of movement exploration, fundamental and specialized sports skills with an emphasis on skill themes, movement concepts, perceptual motor development and basic lead-up activities for sports.

3326 Evaluation Techniques of Athletic Injuries. (3-0) A study of anatomy, injury signs and symptoms, and specific tests used in an initial clinical evaluation of athletic injuries.

3327 Movement Sport and Fitness Activities. (2-2) Introduction to the principles and concepts for skill development in the basic sport activities. The development and assessment of the major components of physical fitness will also be stressed. Prerequisite: Successful completion of Physical Education 3324.

(WI) **3329 Introduction to Motor Learning. (3-0)** Physiological and psychological development of the child in relation to learning neuromuscular activities. Inquiry will be made into the various motor learning theories.

(WI) **3336 Athletic Modalities. (3-0)** A study of sports therapy physical agents such as cryotherapy, hydrotherapy and electrotherapy as well as mechanical therapy.

3340 Coaching of Women's Sports. (3-0) Techniques and theories underlying the coaching of girls' and women's sports. Special emphasis upon aids, equipment, organization, and administration of the program.

(WI) **3346 Athletic Therapeutic Exercise. (3-0)** A study of sports therapy clinical techniques involved in muscle testing, goniometry, and therapeutic exercise used in the rehabilitation of athletic injuries.

3356 Management of Athletic Training Programs. (3-0) Provides a review of measures for the prevention, management, and rehabilitation of athletic injuries. Problems such as nutrition, physical examination, and athletic training facilities and equipment are discussed.

4217 Exercise Testing and Prescription Practicum. (0-8) To provide practical laboratory experiences which allow Health and Fitness Management students to apply their knowledge and skills acquired in PE 4317 and to provide on-campus practicum opportunities. Prerequisite: PE 3317, Co-requisite: PE 4317.

4317 Exercise Testing and Prescription (2-2) To develop knowledge, skills, and competence required to access and prescribe exercise for various populations and to gain practical experience related to health/fitness management programs.

(WI) **4323 Physical Activity and Recreation for the Handicapped. (3-2)** Selecting special activities in terms of individual needs and capacities and modifying those found in the regular program. Opportunity to engage in activities and to observe demonstrations using handicapped persons.

4337 Independent Study of Special Problems in Physical Education. (3-0) For the undergraduate student who displays promise and aptitude in physical education research. The student learns the procedures, collects data pertinent to, and analyzes the results of the research. Prerequisite: 3.00 or higher grade-point average and permission of the department.

4351 Measurement and Evaluation. (3-0) Measurement techniques unique to the evaluation of physical performance objectives, including physical fitness and acquisition of basic motor and sports skills. Practical experiences are provided in test administration, scoring, and interpretation of results.

4391 Football Coaching. (3-0) Methods of coaching are studied through lectures, demonstrations, and reading of present-day literature.

4392 Basketball Coaching. (3-0) Methods of coaching will be studied through lectures, demonstrations, and reading present-day literature.

4393 Coaching Track/Field. (3-0) The purpose of this course is to train students to become track/field coaches in the public schools. The focus of the course will be on the fundamentals of the sports, the formulation of practice schedules, game or meet preparation, and the handling of young athletes.

**Bachelor of Science
Major in Dance
(Minimum required: 129-130 semester hours*)**

Freshman year	Hours	Sophomore Year	Hours
English, 1310, 1320.....	6	Philosophy 1305.....	3
History 1310, 1320	6	Political Science 2310, 2310	6
Mathematics 1315, 1316, or 1319	3	Art, Dance, Music or Theatre 2313	3
Speech Communication 1310	3	Literature Component.....	3
Social Science Component	3	Dance 2208, 2209#, 3332	7
Natural Science Component.....	7-8	Physical Education 2356	3
PFW Component		Computer Science 1308	3
(Dance Activities**)	2	Physical Fitness and Wellness	
University Seminar 1100.....	1	(Dance Activities**)	4
	31-32		32
 Junior Year	 Hours	 Senior Year	 Hours
Dance 3330, 3365, 3366, 3367#	12	Dance 4366, 4367#,4368	9
Physical Education 3320	3	Dance 4369 (capstone course)	3
Minor	12	Minor	12
Electives	6	Electives	9
	33		33

*Students in the dance program are expected to be active in the dance club, Orchesis, and to participate in dance concerts as dancers, choreographers, and technicians.

**Students are expected to gain skills at the advanced level in modern dance plus skills in Ballet, Jazz, Folk, Social, Square and Tap and to enroll in a dance activity course each semester they are in school.

#May be repeated once for credit.

**Bachelor of Science
Major in Dance
(Minimum required: 128-129 semester hours
with teaching certification)**

Secondary Dance Certification - Single Teaching Field

Freshman Year	Hours	Sophomore Year	Hours
English 1310, 1320.....	6	Philosophy 1305.....	3
History 1310, 1320	6	Political Science 2310, 2320	6
Mathematics 1315, 1316, or 1319	3	Literature Component.....	3
Speech Communication 1310	3	Dance 2208, 2209#, 3332, 3367# ...	10
Social Science Component	3	Physical Education 2356	3
Natural Science Component.....	7-8	Computer Science 1308	3
PFW Component		Physical Fitness and Wellness	
(Dance activities**).....	2	(Dance Activities**)	4
University Seminar 1100.....	<u>1</u>		<u>32</u>
	31-32		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music or Theatre 2313	3	Dance 4366, 4367#, 4368	9
Curriculum and Instruction 3310.....	3	Dance 4369 (capstone course)	3
Dance 3330, 3365, 3366, 3367#,		Curriculum and Instruction 4332,	
4367#	15	3325, 4343	9
Physical Education 3320	3	Electives	6
Reading 3323	3	Education 4681#	<u>6</u>
Physical Fitness and Wellness			<u>33</u>
(Dance Activities**)	2		
Electives	<u>3</u>		
	32		

*Students in the dance program are expected to be active in the dance club, Orchesis, and to participate in dance concerts as dancers, choreographers, and technicians.

**Students are expected to gain skills at the advanced level in modern dance plus skills in Ballet, Jazz, Folk, Social, Square and Tap and to enroll in a dance activity course each semester they are in school.

#May be repeated once for credit.

##Consult academic adviser if you plan to teach in an additional teaching field.

**Bachelor of Science
Major in Dance
(Minimum required: 135-136 semester hours**

Secondary Dance Certification - Another Teaching Field Required

Freshman Year	Hours	Sophomore Year	Hours
English 1310, 1320.....	6	Philosophy 1305.....	3
History 1310, 1320	6	Political Science 2310, 2320	6
Mathematics 1315, 1316 or 1319	3	Literature Component.....	3
Speech Communication 1310	3	Dance 2208, 2209#, 3332	7
Social Science Component.....	3	Physical Education 2356	3
Natural Science Component.....	7-8	Computer Science 1308	3
PFW Component		Physical Fitness and Wellness	
(Dance Activities**)	2	(Dance Activities**)	4
University Seminar 1100.....	1	Second teaching field	3
	31-32		32

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Dance 4366, 4367#, 4368	9
Curriculum and Instruction 3310.....	3	Dance 4369 (capstone course)	3
Dance 3330, 3365, 3366, 3367	12	Curriculum and Instruction 4332,	
Physical Education 3320	3	3325, 4343.....	9
Reading 3323	3	Second teaching field	9
Second teaching field	12	Education 4681##	6
	36		36

*Students in the dance program are expected to be active in the dance club, Orchesis, and to participate in dance concerts as dancers, choreographers, and technicians.

**Students are expected to gain skills at the advanced level in modern dance plus skills in Ballet, Jazz, Folk, Social, Square and Tap and to enroll in a dance activity course each semester they are in school.

#May be repeated once for credit.

##Consult academic adviser if you plan to teach in an additional teaching field.

Courses in Dance (DAN)

2208 (DANC 1201) Dance Composition I. (1-3) Basic principles of dance composition, solo choreography, in applied situations. Emphasis on skilled use of space, dynamics, and rhythm in building total artistic compositions. Practical experience, productions, and class will help students use basic music and dance forms as a basis for more complex choreography. Prerequisite: Beginning and intermediate modern dance or consent of instructor.

2209 Dance Composition II. (1-3) Utilizes improvisation as a creative dance technique in designing new movements for choreography. Stimulation, selection, use of improvisational dance materials with artistic discrimination. Current trends and techniques. Emphasis on designing original movement, maintaining aesthetic and artistic forms. May be repeated once for credit. New material will be covered each time taught.

2313 (HUMA 1315) Introduction to Fine Arts. (3-0) A study of the interrelation of dance with art, music and theatre. This course may not be repeated for credit by taking Art 2313, Music 2313 or Theatre 2313.

(WI) **3330 Materials for Rhythmical Activities. (3-1)** Theory of dance movement and skills, and the techniques of utilizing these skills in a practical situation. Exposure to wide areas of available resources and aids for the dance. Prerequisite: Beginning modern dance and recreational dance.

3332 Demonstration Planning and Production. (3-0) Develop skills required to write and produce dance-lecture demonstrations and dance concerts in the standard educational institutions as well as professionally. Organization of dance material for performance, lighting, make-up, prop construction and accompaniment for performance so that a smooth, cohesive program may be presented will be basic. Prerequisite: Junior standing.

3365 Rhythmic Structure of Movement. (2-2) The structural analysis of basic and complex dance movements, their inherent rhythmic configuration. Understanding of movement and its rhythmic structure and correction of movement errors. Practical experience in percussion accompaniment of these movements will be emphasized. Prerequisite: Beginning Modern Dance and Recreational Dance. Junior-senior level course.

3366 Labanotation. (3-0) To introduce the basic skills of Reading and Writing Labanotation. To develop adequate skills for notating short dances and for reading and reconstructing previously notated scores.

***3367 Dance Performance Workshop. (2-3)** Designed to give the advanced dance student experience in learning and performing varied styles of dance choreography. Established dance works and experimental works will be included in order to develop a professional level ability to learn, remember and perform a wide repertory of choreography. Prerequisite: Permission of instructor. May be repeated once for credit. New material will be covered each time taught.

(WI) **4366 Dance as an Art Form. (3-0)** Establishing the relationship of dance as a performing art to all the other art forms, to develop an understanding of the aesthetic theories in the arts, and the application of those theories to styles of dance found in the theatres and educational situations today.

4367 Advanced Dance Composition: Theory and Practice. (3-0) Students will choreograph, costume, light, and design original accompaniment for a group dance of substantial length, justifying artistic choices in an accompanying documented paper. The results of this course will be a senior dance concert. Prerequisite: Dance 2208 and 2209 or consent of instructor. May be repeated once for credit. New material will be covered each time taught.

(WI) **4368 History and Philosophy of Dance: Prehistoric to 1400 A.D. (3-0)** Exposure to a wide variety of literature in the area of dance, the arts and sciences which specifically address the development of dance as a part of human culture from preliterate societies through the Middle Ages.

(WI) **4369 History and Philosophy of Dance: 1400 A.D. to Present. (3-0)** Exposure to a wide variety of literature in the area of dance, the arts and sciences which specifically address the development of dance as a part of human culture including the Renaissance and Contemporary periods. (Capstone Course)

**Bachelor of Health and Wellness Promotion
Major in Health and Wellness Promotion
(Minimum required: 131 semester hours)**

Freshman Year	Hours	Sophomore Year	Hours
Biology 1310	3	Biology 1420, 2430	8
Speech Communication 1310	3	Literature Component	3
English 1310, 1320	6	Health Education 2340, 3301	6
University Seminar 1100	1	Health Education 2354	3
Health Education 1310, 2338	6	Health Education 3376	3
History 1310, 1320	6	Philosophy 1305	3
Mathematics 1315, 1316 or 1319	3	PFW Component	
PFW Component		(one course)	1
(one course)	1	Political Science 2310, 2320	6
Social Work 1350	3	Sociology 1310	3
Social Science Component	3		
			<u>36</u>
	<u>35</u>		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Health Professions 3351	3
Health Education 3348, 4340,		Health Education 4350, 4660	9
3350	9	Physical Education 3317	3
Family and Consumer Sciences 3362 ..	3	Health Professions 3302	3
Mass Communications 3343	3	Electives*	12
Computer Science 1308	3		<u>30</u>
Psychology 3350	3		
Sociology 3324 and 3327 or 3363	6		
	<u>30</u>		

*Suggested Electives: Technology 1450, 3350; Biology 2440, 3351, 3407; Mass Communication 3367; Psychology 3361; Sociology 3319, 3324, 3327, 3383; Social Work 2375, 3312, 4315 (if a Sociology minor is desired, three of the Sociology courses must be elected). It is suggested that a person who is not proficient in Spanish take Spanish 1410 and 1420.

**Bachelor of Health and Wellness Promotion
Major in Health and Wellness Promotion
(Minimum required: 128-131 semester hours
with teaching certification)**

Secondary Certification - Another Teaching Field Required

Freshman Year	Hours	Sophomore Year	Hours
Biology 1310	3	Biology 1420, 2430	8
Speech Communication 1310	3	Literature Component	3
English 1310, 1320	6	Health Education 2338, 2340	6
University Seminar 1100	1	Philosophy 1305	3
Health Education 1310, 2354	6	PFW Component	
History 1310, 1320	6	(one course)	1
Mathematics 1315, 1316, or 1319	3	Political Science 2310, 2320	6
PFW Component		Second teaching field*	9
(one course)	1		<u>36</u>
Social science Component	3		
	<u>32</u>		

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...3		Curriculum and Instruction	
Computer Science 1308 or		3325, 4332, 4343.....9	
Psychology 3353	3	Reading 3323	3
Curriculum and Instruction 3310.....3		Health Education 4336.....3	
Health Education 3348	3	Second teaching field*.....6	
Health Education 3301 or 3350	3	Education 4681**	6
Health Education 3352.....3			27
Health Education 3360.....3			
Second teaching field*	12-15		
	33-36		

*Courses toward a second teaching major are recommended in order to improve job opportunities.

**Consult academic advisor if you plan to student teach in an additional teaching field.

Courses in Health Education (H ED)

1310 (PHED 1304) Foundations of Health. (3-0) An introduction to health education to acquaint students with basic principles of orthobiosis. Emphasis on the relevance of educating for health, present health trends and their implications.

2338 (PHED 1346) Contemporary Drug Issues. (3-0) Explores problems of decision making, emotional health, and choice of life styles in modern culture. Emphasis is upon prevention and effective teaching as a tool in this process. All mood and behavior modifiers are taken into consideration, as well as effects of drug dependency.

2340 Community Health. (3-0) Acquaints the student with all aspects of community and public health, functions of the community, voluntary and public health services at local, state, national, and international levels. Selected current health problems, pathological conditions, poverty, health care delivery problems related to school health.

2354 (PHED 1306) First Aid and Safety Education. (3-0) Lecture, laboratory course in Standard First Aid procedures, Cardiopulmonary Resuscitation, and safety education. Opportunities given for American Red Cross Certification.

3301 Environmental Health Issues. (3-0) An examination of the ecological impact resulting from contemporary sociopolitical action and its resulting influence on human health.

3321 Health in the Elementary Setting. (3-0) Examination of traditional content matter in health promotion at the elementary level. Course may not be counted in the health and wellness promotion or exercise and sports science major/minor programs.

(WI) **3342 School Health Program. (3-0)** Function and scope of school health services and healthful school living. Investigation and developing skills in screening tests, health appraisals, health counseling, accident prevention, and supervision of the health environment and health service personnel.

3348 Prevention of Disease. (3-0) Epidemiology of disease entities, identification and control of major communicable diseases of man. Special emphasis pertains to chronic disease, and the present epidemic of sexually transmitted disease in our society.

3350 Consumer Health. (3-0) Involves students in establishing concepts toward self-protection against the continual bombardment in sales promotion about health products and services. The legislation, investigation, and education conducted by organization and agencies. Prevention of quackery in unsolved health problems.

3360 Family Life and Sex Education. (3-0) An in-depth study for the prospective elementary and secondary teacher concerning the topic of instruction and the methods of teaching for grades kindergarten through twelfth in family life and sex education. Special emphasis on curriculum development and implementation.

3376 Health Promotion in the Workplace. (3-0) The purpose of this course is to orient students with the concept of health promotion as it relates to worksite wellness. Focus will be upon the planning, implementation, and evaluation of worksite wellness programs. Also to be discussed are other contemporary health issues in society.

(WI) **4311 Organization and Administration of a School Health Program. (3-0)** Organization and development of functional and comprehensive health program, including both elementary and secondary levels; emphasis upon coordination of all aspects of the program, evaluation of health needs of pupils and community, and use of community resources in school health programs. (Capstone Course)

4336 Concepts and Resources for Health and Wellness Promotion. (3-0) A survey of the function, roles, practices, concepts and activities that are generic to practitioners in health and wellness promotion programs. Content includes conducting health needs assessment, planning, prevention concepts, models for health promotion and marketing, implementation guidelines, program evaluation and programming for special health concerns including stress management, weight control, and smoking cessation. (Capstone Course)

(WI) **4340 Principles of Community Health Education. (3-0)** Application of principles and techniques of public relations to the community health oriented public, consideration of different communication media, analysis of the effectiveness of each. Group dynamics in relation to the special needs of community health educators, basic issues and assumptions, cohesiveness, leadership and group performance. Prerequisite H ED 2340.

4347 Independent Study in Health Promotion. (3-0) Designed for the undergraduate student who displays promise and aptitude for independent research study of a special problem in health promotion. Tutorial support will direct and enrich the research study project and will provide an opportunity for professional growth. Open on an individual basis by arrangement with the department chair.

4350 Community Health Analysis.(3-0) Methods of evaluating community health needs and health education programs including instrument design, data gathering techniques, ability to use demographic data and vital statistics, interpreting, reporting, and application of findings for program involvement. Prerequisite H ED 2340.

4354 Instructor First Aid. (3-0) Lecture, discussion, demonstration, and skill practice in community first aid and CPR, including instructor training. Opportunity for attaining American Red Cross instructor certification for Community First Aid and Safety is given. No prerequisites are required.

(WI) **4660 Internship in Public Health. (0-18)** Participation in the on-going work of an official and/or voluntary health agency. The internship will be supervised by a member of the health education faculty. A minimum of one conference hour per week. Prerequisite H ED 4340 and 4350.

Bachelor of Science in Recreational Administration
Major in Recreational Administration*
(Minimum required: 130-132 semester hours)

Freshman Year	Hours	Sophomore Year	Hours
Speech Communication 1310	3	Accounting 2361	3
English 1310, 1320.....	6	Literature Component.....	3
University Seminar 1100.....	1	Natural Science Component.....	7-8
History 1310, 1320	6	Social Science Component.....	3
Mathematics 1315 or 1316.....	3	Political Science 2310, 2320.....	6
Philosophy 1305.....	3	Computer Literacy (CIS 1323, CS 1308, AG 2390).....	3
PFW Component (two courses)	2	Recreation 1330, 2335, 3360.....	9
Recreation 1310, 1370, 2330.....	9		34-35
	<u>33</u>		
Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...	3	Fitness/Wellness (HED 1310, 2338, 3321, PE 3317, 3320).....	3
Marketing 3343	3	Recreation 4350, 4380, 4680.....	12
Media Literacy (TECH 1450, 3350, MC 2374, 3343).....	3-4	Supportive courses*	9
Communication (1315, 2330, 2320, 2338).....	3	Electives	6
Supportive courses*	6		<u>30</u>
Recreation 3325, 3340, 3351, 4381	12		
Elective.....	3		
	<u>33-34</u>		

Students completing requirements in Recreational Administration will be eligible to sit for the certification examination given by the National Certification Board of the National Recreation and Park Association.

Bachelor of Science in Recreational Administration
Major in Recreational Administration
(Minimum required: 128-130 semester hours
with Therapeutic Recreation Emphasis)

Freshman Year	Hours	Sophomore Year	Hours
English 1310, 1320.....	6	Speech Communication 1310	3
University Seminar 1100.....	1	Communication (1315, 2330, 2320, 2338, CDIS 1410, 1420)	3-4
History 1310, 1320	6	Literature Component.....	3
Mathematics 1315 or 1316.....	3	Health Education 2354.....	3
Natural Science Component.....	7-8	Philosophy 1305.....	3
PFW Component (two courses).....	2	Political Science 2310, 2320.....	6
Recreation 1310, 1370, 2330.....	9	Social Science Component.....	3
	<u>34-35</u>	Recreation 1330, 2335, 3360.....	9
			<u>33</u>

Junior Year	Hours	Senior Year	Hours
Art, Dance, Music, or Theatre 2313 ...3		Marketing 3343	3
Biology 2430	4	Recreation 4380	3
Computer Literacy (CIS 1323, CS 1308, AG 2390, TECH 2365)3		Recreation 4370, 4350, 4680	12
Psychology 2315	3	Supportive courses*	9
Recreation 3325, 3340, 3351, 4381 .12		Psychology 3315	3
Recreation 2370, 4320	6		30
	31		

*Supportive courses: To be prescribed by faculty advisor.

Students completing requirements for the Therapeutic Recreation Emphasis will be eligible to sit for the certification exam given by the National Council for Therapeutic Recreation Certification and the Texas Consortium for Therapeutic Recreation/Activities Certification.

Courses in Recreational Administration (REC)

1310 Introduction to Recreation and Leisure Services. (3-0) Introduction to recreation, includes brief historical backgrounds, professional opportunities, present status, past and present leaders. Role of leisure time in our social structure, professional responsibility, familiarization with current issues and trends, and professional literature. Lecture and field trips. A grade of "C" or better in this course is required to enroll in any upper division Recreational Administration courses.

1330 Leisure and Outdoor Recreation. (3-0) An overview of the role of the natural world in recreation and leisure services. The course will focus on values of outdoor recreation, outdoor education, adventure recreation, environmental impact, and the role of government in the provision of outdoor recreation.

1370 Introduction to Therapeutic Recreation. (3-0) History, philosophy, appropriate terminology and professional opportunities in therapeutic recreation profession. Identification of client groups and the role leisure time activity plays in their lives. Lecture and field trips.

2330 Leadership and Outdoor Recreation. (2-2) Discussion of leadership theories and skill development for indoor-outdoor games and sports. Teaching activities to develop skill in programming various indoor/outdoor recreational settings.

(WI) **2335 (PHED 1336) Recreation Program Development. (3-0)** Basic principles and procedures for developing recreation programs responsive to human needs. Provides the opportunities to acquire and utilize recreation programming skills through practical application.

2370 Practices and Interventions in Therapeutic Recreation. (3-2) Acquiring knowledge, understanding and application of practices in therapeutic recreation services. Emphasis on facilitation and intervention strategies and "helping" techniques in clinical and community settings, as they relate to administration and current critical issues facing the field. Prerequisite: REC 1370.

3325 Recreation Administration. (3-0) Organization and administration practices such as budgeting and purchasing, office management, annual reports, supervision of personnel, working with boards and volunteer leaders. Prerequisite: Accounting 2361.

3340 Design and Maintenance of Recreational Facilities. (2-2) Introduce theories and provide practical experience in the design, development, operation,

maintenance, administration of various recreational facilities. Prerequisite: REC 2335.

(WI) **3351 Evaluation of Leisure Service Programming. (3-0)** Methods, techniques and application of the evaluation process related to a wide variety of leisure service functions: clientele and prospective participants, programs, personnel, facilities, organizations and literature. Prerequisites: Recreation 2335 and REC 3360.

3360 Field Work in Recreation Leadership. (0-10) The student participates at the leadership level in the ongoing work of a selected recreation agency. The work is supervised by an agency representative and a faculty member trained in the recreation field. Prerequisite: Recreation 1310.

4318 Selected Topics in Recreation and Leisure Services. (3-0) A topic course in selected professional applications of Recreation and Leisure Services. Topics to include: Military Recreation, Commercial and Entrepreneurial Recreation, Campus Recreation, and Leisure and Aging.

4320 Leisure Education. (3-0) A philosophical overview of leisure education emphasizing the approaches and strategies that can be utilized in leisure education process.

(WI) **4337 Independent Study in Recreational Administration. (3-0)** Individual study related to recreational administration under direct supervision of a faculty member.

(WI) **4350 Theories and Methods of Supervision in Recreation and Leisure Services. (3-0)** Presents theories and methods relating to recruiting, selecting, hiring, training, disciplining and discharging employees. Also addresses legal issues related to personnel.

(WI) **4370 Principles of Therapeutic Recreation. (3-0)** Knowledge and understanding of the principles of therapeutic recreation services. Acquiring ability to apply this knowledge in developing appropriate therapeutic recreation programs and services relative to motor, social and educational needs of participants. Prerequisites: REC 1370 and REC 2370.

(WI) **4380 Seminar in Recreation. (3-0)** Seminar on current problems and trends in the delivery of leisure services. Specific emphasis is placed on cause and effect interactions of leisure services programs and environmental issues. Prerequisite: Recreation 3351.

4381 Directed Field Experience in Programming Recreation. (0-10) The student participates at the programming/leadership level in the ongoing work of a selected recreation agency. The work is supervised by an agency representative and a faculty member trained in the recreation field. Prerequisite: Recreation 2335 and 3360.

4680 Internship in Recreation. (0-20) The student participates at the administrative level in the ongoing work of a selected parks and recreation agency. The work is supervised by an agency representative and a faculty member trained in the recreation field. All other courses should be completed prior to taking this course.