This update of the SWT 2000-2002 Undergraduate Catalog contains changes in pertinent information relating to undergraduate degree requirements and course offerings at SWT. This update is a general information publication only. It is not intended to nor does it contain all regulations that relate to students. The provisions of the SWT 2000-2002 Undergraduate Catalog or of this addendum do not constitute a contract, expressed or implied, between any applicant, student, faculty member, or staff employee and Southwest Texas State University or the Texas State University System. SWT reserves the right to withdraw courses at any time, to change fees, tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirement affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled.

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

ACCREDITATIONS & MEMBERSHIPS
Education in Radiologic Technology

Pages 5 and 6
ADDENDUM:
OFFICIAL UNIVERSITY CALENDAR
FALL 2001

Advance Registration: April 5-20 H-F
MITC Registration: August 21 T
New Student Orientation/Registration: August 22-23 W-H
Late Registration: August 20-28 M-T
Schedule Changes: August 20-28 M-T
Last Day to Pay: August 28 T
Classes Begin: August 29 W
Schedule Changes: August 29-31 W-F
Holiday: September 3 M
Official 4/12 Class Day: September 14 F
Drop with Refund: September 14 F
Drop with Auto "W": September 18 T
Graduation Application Deadline: September 28 F
Mid-term: October 17 W
2nd half classes begin: October 18 H
Thanksgiving: November 22-25 H-Su
Drop/Withdrawal Deadline: November 28 W
Last Class Day: December 10 M
Final Exams (begin December 11 @ 6:30 p.m.): December 11-18 T-T
Grades Available by Phone & Web: December 21 F
Commencement: December 21-22 F-Sa
Request Grades Mailed: January 8 T

Spring 2002
Classes Begin: January 14 M
Last Class Day: April 29 M
Final Exams (begin April 30 @ 6:30 p.m.): April 30-May 7 T-T
Commencement: May 11 F-Sa

Page 14
ADDENDUM:
Application Fee
The application fee for new students will be $40 effective with the Fall 2002 semester.

Page 16
ADDENDUM:
PROGRAM C: Students with 30 or More Transferable College Semester Hours*
Add after item 3:
NOTE: Entering students are required to demonstrate that they have competency in foreign language and computer science. This can be demonstrated by:
-Two years of the same foreign language in high school or two semesters of the same foreign language in college. (Some degree programs may have additional requirements for graduation.)
- One year of computer course work in high school or one semester in college.
- A placement exam
- CLEP
Transfer students who have met these requirements via their high school work should submit their high school transcript.

Page 25
ADDITION:
Credit-by-Examination
Add sentence at end of paragraph: Credit by exam satisfies degree requirements in the same way as does credit earned by passing courses except that it does not count as credit earned in residence.

Page 26
ADDITION:
Foreign Students
Add 2nd sentence: (Note: A list of qualifying visa categories is available from the Undergraduate Admissions Office. Persons applying for permanent resident status may not be considered for reclassification for tuition purposes until they have filed an Application for Permanent Resident Status (form I-485) with the Immigration and Naturalization Service and have resided in Texas a minimum of 12 consecutive months. In the case of a dependent student, both the student and a parent must have permanent resident status. Undocumented aliens are considered non-residents for tuition purposes.)

Page 26
DELETE:
Foreign Students
Delete 2nd sentence.

Page 26
ADDITION:
Exceptions.
Add 6th item: 6) The student is a New Mexico resident who resides in a county bordering Texas. This policy is in effect through June 9, 2002.

Page 27
CHANGE:
RESIDENCE LIFE
Change 1st paragraph, change 3rd sentence: A campus environment is an atmosphere where lifetime friendships are formed, ideas and ideals are exchanged, and a whole world of opportunity and potential is spread before those willing to explore, study and get involved.

Page 28
CHANGES:
Change 2nd paragraph, change 2nd sentence: Many different types of living environments, from traditional, community bath, to suite style, to halls with private baths, coed halls, single sex halls, limited visitation halls and 24 hour visitation halls, all offer you the opportunity to find the one arrangement best suited for you.
Applying to Live On Campus

Change 2nd paragraph, change 2nd sentence: Cash deposits are not accepted by mail.

Page 29

ADDITION:
Add sentence at end of 1st paragraph: Students needing accommodations should contact the Residence Life Office.

Page 29

CHANGE:
What to Bring?
Change 1st paragraph, change 2nd sentence: In general, you will need to provide linens (blankets, sheets, pillows and towels), alarm clock, telephone, bedspread, study lamps and wastebasket.

Page 30

ADDITION:
Applying for Financial Aid
Add 2nd sentence in 1st paragraph: You may also complete the FAFSA on the web at www.fafsa.ed.gov.

Page 31

ADDITION:
Other Financial Assistance
Scholarships
Add 3rd and 4th sentences in 1st paragraph: December 1 is the scholarship deadline for incoming freshmen. The deadline for transfer and continuing students is March 1.

Page 31

CHANGE:
Change 1st paragraph, item b.: Assistant/Associate Director

Page 31

DELETIONS:
Other Financial Assistance
Scholarships
Delete 3rd sentence in 1st paragraph: February 1 is the scholarship deadline.
Short-Term Assistance
Delete 5th and 6th sentences in 2nd paragraph: A limited number of ETLP’s for on-campus room and board are available. These are somewhat more restricted.
**Page 38**

**CHANGE:**

Registration Fees

Residents of Texas

Fall and Spring semesters 2001-2002

($ per semester)

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<th>Tuition</th>
<th>Designated Student Service Fee</th>
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Off-Campus/Distance Education Students – Please note the following differences in fees. Fee calculations are determined by whether the student is enrolled exclusively in off-campus/distance education courses or in a combination of both on campus and off-campus/distance education courses.

1. Students enrolled only in off-campus/distance education courses will have these fees waived.
2. Students enrolled in one or more off-campus/distance education courses will be charged an additional “Off-Campus/Distance Education Fee” of $23 per credit hour for each course taken off-campus or distance education.

All students note that additional fees will be assessed for items including, but not limited to: late registration, reinstatement, installment services, delinquent installments, etc. Refer to the section “Other Fees”. Also, course fees may be assessed for certain classes, as noted by each course listing in the Schedule of Classes. Total indicated in the above matrix is an estimate. This amount will vary for each student enrolled, depending upon courses taken, location (on- or off-campus/distance education or both), late registration, and other factors. SWT is not responsible for manually calculating tuition and fees.
Non-Resident Students/United States Citizens
And Foreign Students
Fall and Spring semesters 2001-2002
($ per semester)

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</table>

Non-resident students on competitive academic scholarships of $1,000 or more may be eligible for in-state "resident" tuition. Contact the Registrar.

Off-Campus/Distance Education Students – Please note the following differences in fees. Fee calculations are determined by whether the student is enrolled exclusively in off-campus/distance education courses or in a combination of both on campus and off-campus/distance education courses.

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**Page 42**

**CHANGE:**

Other Special Fees

Admission Application Fee (effective Fall 2002) .................. 40.00
Correspondence Instruction (three-hour course) .................. 189.00

**Page 42**

**DELETE:**

Other Special Fees

Evaluation of Foreign Credentials (when applying for admission) ........ 50.00

**Page 44 and 45**

**CHANGE:**

Room and Board Rates

Fire Code Compliance and Utility Surcharge

Beginning June 2001, a surcharge must be assessed to cover the costs of mandated Fire Code compliance and increases in utility costs. The amount of this charge is in addition to all of the rates specified below and will be shown as a separate line item on the bill. The surcharge for the Fall & Spring semesters is $186 each for A/C halls and $124 each for Non A/C halls. Summer surcharges are $1.60 per day of occupancy. These charges may vary in the future years, depending on utility rates and the costs of code compliance.

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7
College Inn A
100 Block + 125 Points  5,288  7,058
150 Block + 100 Points  5,346  7,116
200 Block + 75 Points  5,442  7,214
250 Block  5,566  7,336
Arnold Hall 1
Flexi-Plan  3,620  4,998
Board Only 1
100 Block + 125 Points  1,747  N/A
150 Block + 100 Points  1,806  N/A
200 Block + 75 Points  1,902  N/A
250 Block  2,026  N/A
San Saba 1
Room Only  3,138  4,706

Summer Sessions 2002
($ per session)

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A College Inn will be closed for renovations for FY02, no beds will be available for use.

1 For complete school year (two semesters)
2 For complete summer (two sessions) with board

Page 46
ADDITION:
Installment Payments
3rd paragraph, add last sentence
Note that installment payments can be made with a credit card over the phone by calling CATS (512)392-CATS).

Page 46
CHANGE:
Installment Payments
2nd paragraph, change first sentence
Students are responsible for making their installment payments by the due date at the Cashier's Office.

Page 47
CHANGE:
Delinquent Payments.
Change last bullet: Reinstatement fee of $50 will also be assessed.
DELETIONS:
Texas Legislative Requirements
Texas Academic Skills Program (TASP).
Delete phrase from item 4: "taken after 3/31/95"
Delete last sentence in 3rd paragraph: Any student exempt by reasons 1, 2 or 6 may still need to take the TASP Test if the student is in a degree program that includes teacher certification.

DELETION:
Delete phrase from 1st sentence in 2nd paragraph: "or mini sessions".

CHANGE:
Grade Symbols
Change 8th sentence:
An I grade from SWT will not count as hours completed until another grade is assigned. Twelve months after an SWT "I" grade is assigned, it will automatically change to an F if the course work has not been completed. An "I" grade transferred from another institution remains as "I" on the SWT record until an updated transcript is received from the other institution.

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

CHANGE:
Undergraduate Minors offered at SWT
Biology
Two semesters of Chemistry, both lecture and lab, are also required.

ADDITION:
Leadership Studies........21 hours; COMM 1315, COMM 4347, PHIL 3322, 6 hours from COMM 2330, COMM 2338, COMM 3318A, MGT 3353, COMM 2325; 6 hours from PSY 3331, PSY 3333, HA 3324, HA 2310, COMM 3319, COMM 4331, MGT 3303, ASD 3205, A S 3311, A S 3312, any internship or practicum experience.

CHANGE:
Psychology.................18 hours; Psy 1300 and 15 additional hours, at least 12 of which must be advanced.

ADDITIONS:
Natural Science (7-8 hours)
Add courses:
Anthropology 2414-Physical Anthropology
Physics 1340-Astronomy: Solar System
Physics 1350-Astronomy: Stars and Galaxies
Physics 1140-Introductory Laboratory in Astronomy

Page 90
ADDITION:
Testing, Research-Support and Evaluation Center
Add 2nd sentence in last paragraph: Credit by exam satisfies degree requirements in the same way as does credit earned by passing courses except that it does not count as credit earned in residence.

Page 94
CHANGE:
COLLEGE OF APPLIED ARTS
Change 5th paragraph:
Twenty-one undergraduate majors (several with specialized options) are offered by three departments and one program within the College:

Page 101
ADDITIONS:
ASD 2310 Applied Leadership Principles. (2-2)
Preparation for professional leadership and service, with emphasis on application of leadership principles. The course will focus on guiding students in developing enhanced leadership skills through group and individual leadership enhancement projects and topic research. Prerequisite: ASD 1110.

ASD 3310 Diversity Issues in the Workforce. (2-2)
Develop awareness and understanding of diversity issues relating to culture, ethnicity, gender, religion, sexuality, and society for pre-service agricultural practitioners who hope to integrate an understanding of workforce diversity into their management style and professional behavior. Prerequisite: ASD 2310.

ASD 4210 Principles of Agricultural Development. (2-0)
The principles and concepts of community leadership and development in changing urban and non-urban settings. Emphasis will be given to leadership styles and approaches, community development processes, and the leader's role in the change process. Prerequisites: ASD 2310 and ASD 3310.

Page 101
DELETION:
ASD 3205 Principles of Agricultural Development

Page 103
ADDITION:

ORGANIC GARDENING. (3-0) Study of principles and practices that involve the production of vegetables by organic methods. Fertility and irrigation; as well as weed, insect and disease control by practices will be covered.

CHANGE:

Culture, Consumer Behavior, and Appearance. (3-0) Change in title and description. The study of theories related to appearance, clothing, and fashion and their influences on cultural identities, gender perceptions, consumer behaviors, and fashion product consumption.

ADDITION:

Infants and Toddlers. (2-2) The study of infants and toddlers in home and group settings; implementation of learning strategies based on developmental principles. Directed participation in the Child Development Center. Prerequisites: FCS 2353 or approval of instructor.

ADDITION:

Practicum in Child Development. (1-4) Structured practical experience in child development center. Prerequisite: FCS 2353, 2357 and 3351 or consent of instructor.

DELETIONS:

Infants and Toddlers

DELETIONS:

Adolescent Development

Practicum in Child Development

ADDITION:

Independent Study in Family and Consumer Sciences. (0-6) Independent reading and/or research on a specific topic related to students' primary area of interest. Work may consist of research, reviews, and integration of existing literature, or other appropriate independent work. Course may be repeated once for credit with approval of instructor.
Add item to end of 1st paragraph:
10. Prior to graduation from SWT, students must demonstrate computer literacy either through testing or through a course in computer science from a prior college or at SWT.

Page 128
CHANGES:
Occupational Education Program
Change items 5. and 6. in 1st paragraph:
5. Numerous methods for obtainment of academic credit may be employed toward the BAAS degree, including correspondence, extension courses, and credit by examination. Students may use unlimited number of CLEPs as long as the examinations meet degree plan requirements and the student obtains at least 32 hours of resident courses with SWT.
6. Students choosing the BAAS program through the Occupational Education program must complete 32 hours of residence credit with Southwest Texas State University in order to be awarded the degree.

Page 129
ADDITION:
Add as 4th heading and 4th paragraph:
Foreign Language (8 hours)
Students who have not had two years of the same foreign language in high school or who do not have one year of the same foreign language in an accredited college must take one year of a foreign language, which may include sign language.

Page 129
CHANGES:
OCED 4350 Occupational Assessment (3-0)
Change in description. Theory and techniques related to the identification, documentation, and assessment of various forms of prior extra-institutional learning. Career and occupational information, career decision-making, and academic planning are included as a central part of the course. Students are encouraged to have completed their English prior to enrollment in the course.

Change 1st heading and 1st paragraph:
Core Components Curriculum (46 plus hours)
This module may be satisfied through a number of options including traditional course work from Southwest Texas and transfer credit from accredited institutions of higher learning plus limited numbers of hours from nontraditional methods including correspondence, extension, and forms of testing including CLEPs. See the University College section of the catalog for requirements.

Change 2nd heading and 2nd paragraph:
Elective Module (9 plus hours)
Elective hours to complete the 128 hour degree are chosen with the advice of the student's degree advisor.

Change 3rd heading and 3rd paragraph:
Professional Development Module (18 hours)
Professional Development sequences are individualized to the student’s educational needs. Students will choose courses with the assistance of the degree advisor from at least three academic departments. The module of 18 hours constitutes the major for GPA calculation purposes.

Page 131
CHANGE:
CATE 3302 Development, Organization and Use of Instruction Material. (3-0) Change in description. The course provides the learner with opportunities to select, develop, and organize instructional materials related to the area in which the instructor provides or will provide instruction.

Page 144
ADDITION:
ACC 4398 Internship in Accounting. (3-0) Experiential learning during which the students work in the field of accounting. This work experience may be in public, industry, or governmental accounting units. The student is immersed in a variety of intensive work assignments with ever increasing levels of responsibility. Prerequisite: Specified by employer with consent of instructor and department chair.

Page 155
CHANGES:
FIN 3312 Business Finance. (3-0) Change in prerequisite, ACC 2362 and CIS 1323.
FIN 3335 Retirement Planning and Employee Benefits. (3-0) Change in prerequisites, FIN 3318 and FIN 3325.
FIN 4317 Case Problems in Finance. (3-0) Change in prerequisites, QMST 2333 and FIN 3313.

Page 171
ADDITIONS:
Geography-(Social Studies Composite Only) Must select and complete additional requirements in minor and third field from History and Political Science— (please see departmental section of this catalog addendum for more information).
(36 hours) Geography 1309, 1310, 2410, 3301, 3303, 3309, 3313, 3329, 4340, one regional course from: 3307, 3308, 3328, 3332, 3333, 4328, and one techniques course from: 2411, 2426, 3411, 3416, 4430, and on geography elective.
Government*-(Social Studies Composite Only) Must select and complete additional requirements in minor and third field from Geography and History— (please see departmental section of this catalog addendum for more information).
(30 hours) Political Science 1308 or 1309, 2310 and 2320, 4398, one advanced course from 4 of the 5 groups: (1) Political Theory and Methodology; (2) American Government; (3) Public Law and Public Administration; (4) Comparative Government; (5) International Relations, and six hours of Political Science advanced electives. *The teaching field is government, but the major is political science.

Page 171
DELETIONS:
Geography-Single Teaching Field or May be Paired with Another Teaching Field
Government - Single Teaching Field

Page 172

ADDITIONS:

History - (Single Teaching Field)
(36 hours) ............... History 1310, 1320, 2311, 2312, 9 hours advanced group A (Asian, European, Latin American, Middle Eastern), 9 hours advanced group B (American History), 3 hours advanced group A or B, and History 4380.

History - (Must Be Paired With A Second Teaching Field)
(33 hours) .............. History 1310, 1320, 2311, 2312, nine hours advanced group A (Asian, European, Latin American, and Middle Eastern), nine hours advanced group B (American History), and History 4380.

History - (Social Studies Composite) Must select and complete additional requirements in minor and third field from Geography and Political Science—please see departmental section of this catalog addendum for more information).
(30 hours) ............. History 1310, 1320, 2311 and 2312, nine hours advanced group A (Asian, European, Latin American, and Middle Eastern), and nine hours advanced group B (American History).

Page 172

CHANGE:

History Another Teaching Field Required

History - Second Teaching Field
(27 hours) ............... History 1310, 1320, 2311, and 2312, six hours advanced group A (Asian, European, Latin American, and Middle Eastern), six hours advanced group B (American History), and History 4380.

Page 172

DELETION:

Government* Another Teaching Field Required
(24 hours) ............ Political Science 1308 or 1309, 2310 and 2320, 4398, one advanced course from 4 of the 5 groups: (1) Political Theory and Methodology; (2) American Government; (3) Public Law and Public Administration; (4) Comparative Government; and (5) International Relations.

*The teaching field is government, but the major is political science.

Page 177

CHANGE:

The Department of Curriculum and Instruction offers programs to prepare elementary, middle school, secondary, and all-level teachers, and each program leads to teacher certification in Texas.

Students who wish to teach in either the early childhood through grade four levels or in the grade four through eight levels (middle school) pursue the Bachelor of Science with a major in Interdisciplinary Studies with the following four categories of study: (1) general education, (2) specialty curricula for the focus at either the early childhood-grade 4 level or the grade 4-8 level, (3) a professional studies curriculum designed for specific roles in teaching, and (4) electives adequate to complete the number of hours required for graduation. The total number of hours to graduate will vary between 129 to 139 semester hours, depending on the focus selected.

Students who seek secondary certification (6-12) or all-level certification (1-12) follow the curriculum outlined by their major department. These students take professional development courses offered by the Department of Curriculum and Instruction.
Students interested in learning more about teacher education the College of Education Advising Center at 245-3050 or visit the center in the Education Building 3050.

Bachelor of Science
Major in Interdisciplinary Studies
(Minimum required: 129 hours with teaching certification in Early Childhood through Grade 4)

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<th>Hours</th>
<th>Junior Year</th>
<th>Hours</th>
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Certification Focus Areas
(Select one certification focus area)
EC-4 Generalist:
ECE 4300, 4310, 4352
6 hours from: ENG 3385, PSY 1300, SOCI 1310, HIST 3372

EC-4 Bilingual Generalist:
Curriculum and Instruction 3332, 4360, 4361, 4362
Select one from: SPAN 3304, 3320, SOCI 3327
### Bachelor of Science Major in Interdisciplinary Studies

(Minimum required: 133-139 hours with teaching certification in Grades 4-8)

#### Freshman Year

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<td>Speech Communication 1310</td>
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<td>Art, Dance, Music or Theatre 2313</td>
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#### Junior Year

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### Certification Focus Areas Grades 4-8

(Select one certification focus area)

#### 4-8 Generalist:
- Math 2417, 2311, 2321, 2331, 3315, 4302
- English 3304, 3385 or 3386
- History 3372
- Geography 4340
- 3 hours upper level Geography, History, Political Science, Economics, Sociology, or Anthropology
- Biology 1320, 1421
- Chemistry 1310
- Biology 4402 and 4403 or Geology 1410 and 1420
- General Science 3310 and 3320

#### 4-8 Language Arts/Social Studies Composite:
- Math 1315, 1316, or 1319
- English 3304, 3385, 3386, Select 2 classes from 2 groups: A, B, or C
- Speech Communication 2330
- Mass Communication 2319
- Political Science: Select two courses from Group 2
- History 3372
- History: Select one course from Group A
- History: Select one course from Group B
- Geography 4340
- Select one course from upper division Geography
- Economics 2310
Anthropology 3301 or 3309
Reading 3315 and 3320

4-8 Math:
Math 2417, 2471, 2472, 3315, 3325, 3305, 3398, 4302, 4304, 4311
Computer Science 1318
Biology 1320
Chemistry 1341 and 1141
Chemistry 1342 and 1142
General Science 3310 and 3320
Reading 3315

4-8 Math/Science Composite:
Math 2417, 2311, 2321, 2331, 3315, 3325, 4302, 4311
Biology 1430, 1431, 2410, 4402, 4403, 4305
Chemistry 1341 and 1141
General Science 3310 and 3320
Computer Science 1318

4-8 Science:
Math 1315 or 1319, 2311, 2321, 2331, 3315, 4302
Biology 1430, 1431, 2411, 2450, 4305, Select one from: Biology 2410, 2430, or 3406
Chemistry 1341 and 1141
Chemistry 1342 and 1141
General Science 3310 and 3320
Biology 4402 and 4403 or Geology 1410 and 1420

Page 178
DELETION:
A. Specialization/Teaching Field
Delete 1. through 18.

Page 179
ADDITIONS:
CI 3200 Educational Technology Application. (2-0) A structured workshop environment
for creating instructional materials using various technology applications in order
An examination of learners, educators, curriculum, learning processes, teaching,
to integrate curriculum. Prerequisites: 2.5 SWT GPA, Take prior to or
instructional materials, and assessment. The historical, legal, and political
concurrently with RDG 3321, RDG 3315, CI 3322, CI 4325.

CI 3300 Middle School Curriculum and Instruction. (3-0) Overview of developmentally
appropriate curriculum adhering to state and national standards for grades 4-8.
Includes the application of learning theory in a safe classroom environment with a
focus on cooperative learning, direct instruction, discovery learning, technology,
and learner-centered instruction. Prerequisites: 2.5 SWT GPA, CI 3310, CI
3315, RDG 4320.

Page 179
CHANGES:
CI 3310 Public Education in America. (3-0) Change in description. Course focuses on an
examination of learners, educators, curriculum, learning processes, teaching,
instructional materials, and assessment. The historical, legal, and political
contexts of public schooling in America are included. Current trends and issues are addressed. Prerequisite: 2.5 SWT GPA.

CI 3322

The Design and Application of the EC-4 Curriculum. (3-0) Change in title and description. Course focuses on design and application of curricula including content, instructional methodologies and assessment. Foundational theories of human development and learning will be used as students focus on the organization of content, instructional strategies, classroom environment, utilization of materials, and assessment. Prerequisites: 2.5 SWT GPA, CI 3315, GEO 1310.

Page 179
DELETION:
B. Interdisciplinary Major
Delete entire paragraph.

Page 180
ADDITION:
CI 4300

Middle Level Philosophy and Schooling. (3-0) Physical, social, emotional, cognitive, and moral characteristics of young adolescents in contexts of family, community, school, society. History and philosophy of middle school as a developmentally appropriate environment for young adolescents. Continued study of instruction that is affectively and cognitively appropriate for young adolescents. Prerequisites: 2.5 SWT GPA, CI 3330, RDG 3315, RDG 4310.

Page 180
CHANGE:
CI 4325

Classroom Management and Teacher-Student Relationships. (3-0) Change in title and description. Course will focus on classroom management theories and models. Personal philosophy, beliefs, and style of teaching will be examined as they relate to the various methods of classroom management, student discipline, and teacher-student relationships. Prerequisites: 2.5 SWT GPA, CI 3310, CI 3315, RDG 4320.

Page 180
DELETION:
CI 4325

Student Management in the Elementary Schools

Page 181
ADDITION:
ECE 4300

The Languages of Children: Acquisition and Use. (3-0) This course is designed to provide pre-service teachers with pertinent information regarding the development of language and cognition in pre-school and school-aged children. Information regarding language structure, the sequence of development as well as the cognitive and social aspects of language acquisition and use will be included. Prerequisites: 2.5 SWT GPA

Page 181
CHANGES:
ECE 4310

Seminar for Teachers of Young Children. (3-0) Change in description. Directed field experiences in observation, participation, problem solving, assessing and teaching in programs for young children. A minimum of 1.5 hour seminar per
week is required in addition to assignment (three hours weekly) in an approved preschool or kindergarten program. Prerequisites: 2.5 SWT GPA, ECE 4300, ECE 4352.

**ECE 4352**
Curriculum for Preschool and Kindergarten Children. (3-0) **Change** in title and description. Emphasizes research, program development, and developmentally appropriate teaching strategies, materials and activities for children ages 3-6 and collaboration with families. Prerequisite: 2.5 SWT GPA.

**Page 182**
**ADDITION:**
RDG 3321 Developmental Reading for EC-4. (3-0) Current reading strategies and materials for teaching developmental reading in EC-4. Topics include: approaches, materials, word recognition/analysis, comprehension, and vocabulary; literature in the reading/writing program, instructional strategies with novice/expert readers at the EC-4 level. Prerequisites: 2.5 SWT GPA, CI 3310, CI 3315, RDG 4320.

**Page 182**
**CHANGES:**
RDG 3312 Reading and Writing Instruction for Children with Special Needs. (3-0) **Change** in description. Course focuses on classroom reading instruction for children not making average progress in literacy. Course topics: nature and identification of literacy difficulties, including dyslexia; modification of instruction for children with special needs; diagnostic teaching, teacher/program effectiveness and legal requirements of special populations. Prerequisites: 2.5 SWT GPA, RDG 3321, RDG 3315.

RDG 3320 Integrating Reading and Writing. (3-0) **Change** in description. Students study the integrative approach to reading and writing in the elementary school curriculum. Prerequisites: 2.5 SWT GPA, RDG 3315.

RDG 4320 Literacy Education for Culturally and Linguistically Diverse Children. (3-0) **Change** in title and description. Course focuses on issues and trends in the education of children from diverse language and/or cultural backgrounds. Course topics include second language acquisition, cultural awareness and sensitivity, and culturally relevant instruction and effective teaching practices. Prerequisites: 2.5 SWT GPA.

**Page 182**
**DELETION:**
RDG 3310 Diagnostic-Prescriptive Reading Instruction

**Page 183**
**CHANGE:**
SPED 4344 Modifications and Management for Special Populations. (3-0) **Change** in title and description. Information about curricular and instructional modifications for special populations. Characteristics of special education categories included. Role of classroom management and classroom teacher's role with students with special needs will be addressed. Specific methods for individualizing instruction under a variety of classroom conditions will be presented. Prerequisite: 2.5 SWT GPA.

**Page 189**
**DELETIONS:**
ADDITION:
Bachelor of Exercise and Sports Science
Major in Athletic Training
(Minimum required: Emphasis in Pre-Physical Therapy)

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Hours</th>
<th>Junior Year</th>
<th>Hours</th>
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Page 194
ADDITIONS:
PE 1225 Water Safety Instructor. (1-2) To provide instruction on the American Red Cross method of teaching swimming. Students should have the skills and information to complete the American Red Cross requirements for the WSI certification.

PFW 1190F Beginning Scuba. (0-2) To provide basic instruction in scuba diving with an option to obtain international certification.

Page 195
CHANGES:
PE 3326 Evaluation Techniques of Athletic Injuries. (3-1) **Change** in contact hours.
PE 3336  Athletic Modalities. (3-1) **Change** in contact hours.

**Page 196**
**CHANGE:**

PE 4323  Adaptive Physical Education. (3-2) **Change** in title and description. 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 including persons with disabilities.

**Page 199**
**ADDITIONS:**

DAN 4334  Selected Topics in Dance. (3-0) This course is designed to provide opportunities for in-depth exploration of current trends and practices in dance. Prerequisite: upper division standing.

DAN 4334A  Kinesiology for Dancers. (3-0) This course is designed to provide opportunities for in-depth exploration of current trends in biomechanical principles (theory and application) in practices of dance. Both the physiology and aesthetic components will be investigated. Prerequisite: upper division standing.

DAN 4334B  Choreographic Influences in Dance. (3-0) The purpose of this course is to investigate how single important dancers, particular schools or movements in dance, artistic and technological developments, and political, sociological and other world events have shaped choreographic trends in dance. Prerequisite: upper division standing.

**Page 202**
**DELETION:**

H ED 4311  Organization and Administration of a School Health Program

**Page 226**
**ADDITION:**

Other Requirements

**Add** item 5: Effective Spring 2002,

**Page 233**
**CHANGE:**

Department of Music to School of Music

**Page 252**
**ADDITION:**

Minor in Leadership Studies

This 21-hour minor is an interdisciplinary program that includes courses from the following departments: Speech Communication, Management, Agriculture, Philosophy, Aerospace Studies, Psychology, and Health Administration. The three required core courses are (1) COMM 1315 Interpersonal Communication, (2) COMM 4347 Leadership and Communication, and (3) PHIL 3322 Business and
Professional Ethics. In addition, students select two courses which emphasize leadership skill development and two courses which provide a theoretical or conceptual approach to leadership. All students in this minor will be advised by the Department of Speech Communication. Students entering the program will be contacted by the department and will be required to see an advisor before selecting elective courses.

Core Courses: 9 hours

- COMM 1315 Interpersonal Communication
- COMM 4347 Leadership and Communication
- PHIL 3322 Business and Professional Ethics

Two Courses from: 6 hours

- COMM 2325 Argumentation and Debate
- COMM 2330 Small Group Communication
- COMM 2338 Public Speaking
- COMM 3318A Communication and Conflict Management
- MGT 3353 Business Communication

Two Courses from: 6 hours

- HA 2310 Ethics in the Health Professions
- HA 3324 Supervisory management for Healthcare Managers
- PSY 3331 Social Psychology
- PSY 3333 Industrial Psychology
- COMM 3319 Introduction to Organizational Communication
- COMM 4331 Persuasion
- MGT 3303 Management of Organizations
- ASD 3205 Principles of Agricultural Development
- AS 3311 Leadership and Management I
- AS 3312 Leadership and Management II

An internship or practicum experience

Page 253

ADDITIONS:

COMM 3325 Communication and Conflict Management. (3-0)
Demonstrates the ways communication skills can be used to manage conflict. The class also provides an analytic framework for diagnosing conflict, negotiation, and mediation. Prerequisites: COMM 1310 or 2330.

COMM 3326 Family Communication. (3-0) A study of the theory and research exploring the family communication process in a variety of family types. Prerequisite: COMM 1315.

COMM 3328 Communication and Gender. (3-0)
Investigates the interactive nature of communication and gender, the creation of gender identities, and the role of gender and communication in a variety of settings. See Anthropology 3350. Prerequisite: COMM 1315.

COMM 3329 Intercultural Communication. (3-0)
Presents theory and application of communication skills for a culturally diverse world. Develops verbal and nonverbal abilities in social and professional intercultural contexts. Prerequisite: COMM 1310.

COMM 4307 Media Criticism. (3-0) Explores the
influence of media messages based upon communication and rhetorical theories in shaping perceptions and values. Focus is upon the rhetorical analysis of how the visual media of film and television communicate social, political, and personal attitudes and behaviors. Prerequisite: COMM 1310.

Page 253

CHANGES:

COMM 3327 Communication Research Methods and Theory. (3-0)
Change in description. An analysis of speech communication as a behavioral science with emphasis on quantitative research. Focuses on the student as a consumer of communication research. Explores the interdisciplinary nature of human communication as well as the resulting theory and principles. Prerequisite: 6 hours COMM.

COMM 4310 Methods of Teaching Speech Communication. (3-0)
Change in title and description. A study of methods of teaching speech communication principles and skills for secondary school teachers. Prerequisite: Admission to teacher certification program or permission of department chair.

Page 253

DELETIONS:

COMM 3318A Communication and Conflict Management
COMM 3318B Family Communication
COMM 3318C Communication and Gender
COMM 3318F Intercultural Communication

Page 254

DELETION:

COMM 4317D Media Criticism

Page 268

ADDITIONS:

CLS 3324 Clinical Immunology. (2-3) Principles of immune response and underlying immunologic procedures of diagnostic value are discussed. Lectures and laboratory emphasize detection, identification, nature of antigens and antibodies, and the antigen-antibody reactions encountered.

CLS 4318 Hematology II. (2-3) In-depth study of theoretical and practical aspects of clinical hematology and hemostasis with emphasis on principles, methodology, problems encountered, and clinical applications.

Page 269

ADDITIONS:

CLS 4341 Molecular Diagnostics. (2-3) This course consists of an introduction to the principles, methodologies and applications of molecular diagnostic procedures used in clinical laboratories. Emphasis is
placed on the procedures used in the identification of infectious agents that cause human disease, in the diagnosis of inherited diseases, and the diagnosis of cancer.

**CLS 4370**
Clinical Chemistry II. (2-3) A study of the theoretical and practical aspects of clinical chemistry. Manual and automated laboratory procedures for quantitative analysis of various body fluids.

**Page 269**

**DELETIONS:**
- CLS 4418 Hematology/Coagulation II
- CLS 4424 Immunology and Serology
- CLS 4470 Clinical Chemistry

**Page 272**

**ADDITION:**
- CDIS 3475 Speech Science. (3-2) Normal processes of speech production will be addressed from anatomic physiologic, kinematic, aerodynamic, acoustic, and perceptual perspectives. Measurement and analysis techniques, instrumentation, and experimental paradigms used to study speech production and perception will be emphasized. Prerequisites: CDIS 3325 and CDIS 3459.

**Page 273**

**DELETION:**
- CDIS 4469 Speech Science

**Page 276**

**CHANGE:**
Senior Year – 1st Semester
Health Administration 4302, 4311 or 4312...........3

**Page 277**

**ADDITION:**
- HA 4311 Cost Accounting for Healthcare Organizations. (3-0)
  A study of the cost accounting methods and techniques appropriate to the healthcare industry. The focus is on the control and measurement of costs, budgeting practices, and the generation of financial information to aid in supervisory and managerial decision making. Prerequisite: HA 3375.

**Page 278**

**ADDITION:**
- HA 4848 Healthcare Administrative Residency. (0-40)
  Designed for students who have limited or no previous background in healthcare management/administration. Includes rotation through selected major departments, culminating in a major project. Students are required to successfully pass a departmental comprehensive examination given at the end of this residency. Prerequisite: Final semester of study.
Problems in Health Care. (3-0) **Change** in title.

Human Structure and Function. (2-6) A study of the structure and function of the human body with emphasis on the skeletal, muscular and nervous systems. Course focuses on anatomy and physiology of body systems of special interest to students preparing to be health professionals. Laboratory study of the human cadaver is included.

**Change:**

RTI 3330 Quality Assurance

**Addition:**

RT 4322 Directed Clinical Learning V. (0-24) A continuation of the previous clinical course. The student will complete their clinical training by practicing all the skills they have learned in the classroom and clinical training. The student will continue demonstrating proficiency while completing the Skills Competency Checklist.

RT 4330 Quality Assurance. (3-0) Students will study quality assurance tests related to patient charts, treatment accessories, patient communication devices, machine reading and safety devices. Emphasis on quality control procedures to include Continuous Quality Improvement (CQI), Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and responsibilities of each team member in relation to quality assurance duties.

**Deletion:**

RC 1245 Respiratory Care Clinical Lab II

**Addition:**

RC 1445 Respiratory Care Clinical Lab II. (0-32) Direct patient care is performed under close supervision in a non-critical setting. Routine procedures are performed, including delivery of aerosolized medications, oxygen therapy, incentive spirometry, postural drainage, and chest percussion.
Page 314
CHANGE:
IS 4687 International Studies Internship. (0-10) Change contact hours.

Page 317
ADDITION:
ANTH 3326 Maya History and Society. (3-0) The purpose of this course is to develop a knowledge of Maya Civilization from historical as well as anthropological perspectives. Students will study the features of the Classic Period Maya and Modern Maya societies including the religious and economic life styles.

Page 319
ADDITION:
ANTH 4380 Language and Culture. (3-0) This course seeks to introduce students to the fundamentals of linguistic anthropology, and the use of linguistics in anthropological fieldwork through lecture, discussion, and "hands on" class exercises.

Page 325
ADDITION:
ENG 3307 Introduction to the Study of Film. (3-0) An introduction to various theoretical approaches to the study of film and to important debates within film theory. Focus will include, but is not limited to, (1) theories of spectatorship, (2) the debate between formalism and realism, (3) psychoanalytic and feminist theories, and (4) cultural approaches to film.

Page 326
CHANGE:
ENG 3340 Special Topics in Language and Literature. (3-0) Change in description. Courses proposed and taught occasionally by different English faculty members. Past emphases have included Nature Writing and Literature and Art.

Page 327
ADDITION:
ENG 3390 Problems in Language and Literature. (3-0) Independent study with individualized reading list, research project, and tutorial sessions, focused on a special problem in language and/or literature. May be taken only with permission from the Chair of the Department of English, the Director of Advanced Studies, and the assigned professor.

Page 329
CHANGE:
Notes:

Secondary Teacher certification is available in the Bachelor of Science (BS) only, under the Social Studies Composite Certification for secondary education plan. Advisor: Brown

The Social Studies Composite Certification program is designed to prepare students to teach any of the four social studies disciplines (History, Geography, Government, and Economics) at the secondary level (grades 8-12). Upon completion of the social studies curriculum and passage of the social studies ExCET test, students will receive certification in social studies and eligibility to teach in any of the four disciplines.

Students pursuing secondary certification are to major in Geography and select a minor from the disciplines of History or Political Science. In addition, students will complete specific courses in the third social studies discipline not chosen as a major or minor as well as HIST 4200: Social Studies Resources and Practices. Students must take Economics 2301 as the social science choice in the core curriculum, as Economics is another subject tested on the Social Studies Composite ExCET exam.

The teacher certification options are:

1. Geography major, History minor, Political Science third field. This option in secondary teacher certification requires completion of the following 36 hours in Geography: GEO 1309, 1310, 2410, 3301, 3303, 3309, 3313, 3329, 4340, One course from: GEO 3307, 3308, 3328, 3332, 333, 4328. One course from: 2411, 2426, 3411, 3416, 4430, and one Geography elective. The minor in History (24 hours) requires completion of the following History courses: HIST 1310, 1320, 2311, 2312, six hours advanced group A History (Asian, European, Latin American, and Middle Eastern), and six hours advanced group B (American History). The third field in Political Science (18 hours) required completion of the following courses: POSI 2310, 2320, 4398, six hours from Group 2 (American Government), choose three hours from Group 3 (Public Law) from POSI 3310, 3311, or 4311. All coursework must be completed before student teaching (ED 4681).

2. Geography major, Political Science minor, History third field. This option in secondary teacher certification requires completion of the following 36 hours in Geography: GEO 1309, 1310, 2410, 3301, 3303, 3309, 3313, 3329, 4340, one course from: GEO 3307, 3308, 3328, 3332, 3333, 4328, one course from: 2411, 2426, 3411, 3416, 4430, and one Geography elective. The minor in Political Science (24 hours) requires completion of the following courses: POSI 1308 or 1309 and 2310, 2320, 4398, and one advanced course from 4 of the 5 groups. The third field in History (18 hours) requires completion of the following: HIST 1310, 1320, 2311, 2312, three hours advanced group A (Asian, European, Latin American, and Middle Eastern) and three hours advanced group B (American History). All coursework must be completed before student teaching (ED 4681).

In addition to the major, minor, and third field requirements, students must also complete 21 hours of professional sequence courses under the College of Education: CI 3310, 3325, 4332, 4343, RDG 3323, and ED 4681 (Student Teaching).

3. Elementary Teacher Certification requires the following courses: GEO 1309, 1310, 2410, 3309, 3329, 4340.

Page 330

CHANGES:

To be allowed to student teaching (ED 4681) and take the Secondary Composite ExCET, students must have accomplished:

1. Student must have successfully completed all course work (including HIST 4200) for certification prior to student teaching and within six years immediately before take the ExCET licensing exam for teachers.

2. Students must have an overall SWT GPA, Geography, History and Political Science GPA of 2.50 or higher with no grade lower than C in each discipline.
3. All external students taking the ExCET at SWT must meet the same requirements.

Page 334

**CHANGES:**

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<td>GEO 1309</td>
<td>Introduction to Cultural Geography. (3-0) <strong>Change</strong> in title.</td>
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<td>GEO 2410</td>
<td>Introduction to Physical Geography. (2-2) <strong>Change</strong> in title.</td>
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Page 337

**CHANGE:**

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<td>GEO 4316</td>
<td>Landscape Biography. (3-0) <strong>Change</strong> in prerequisite, GEO 2410 or equivalent.</td>
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Page 338

**CHANGE:**

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<th>Change</th>
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<td>GEO 4426</td>
<td>Advanced Geographic Information Systems. (3-2) <strong>Change</strong> in prerequisite, GEO 2427 or equivalent.</td>
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</table>

Page 340

**ADDITION:**

(After paragraph on minor)

**Secondary Teacher Certification**

Students wishing to receive teacher certification in History have three options from which to select:

1. **History single teaching field.** This option includes teacher certification only in the discipline of History; although a minor must be selected (see list of approved minors in the undergraduate catalog). This option in secondary teacher certification requires the completion of the following 36 hours in History: 1310, 1320, 2311, 2312, 9 hours advanced group A (Asian, European, Latin American, Middle Eastern), 9 hours advanced group B (American History), 3 hours advanced group A or B, and History 4380.

2. **History two teaching fields.** This option includes a History major and a second teaching field is required (see second teaching field choices in the College of Education section of the catalog, pp. 169-174). This option in secondary teacher certification requires (33 hours) completion of the following courses: HIST 1310, 1320, 2311, 2312, nine hours advanced Group A (Asian, European, Latin American, Middle Eastern), nine hours advanced Group B (American History), and History 4380. In addition to the major and second teaching field requirements, students must also complete 21 hours of professional sequence courses under the College of Education: CI 3310, CI 3325, CI 4332, CI 4343, RDG 3323, and ED 4681 (Student Teaching).

3. **Social Studies Composite.** The Social Studies Composite Certification program is designed to prepare students to teach any of the four social studies disciplines (History, Geography, Government, and Economics) at the secondary level (grades 8-12). Upon completion of the social studies curriculum and passage of the social studies ExCET test, students will receive certification in social studies and eligibility to teach in any of the four disciplines.

   Students pursuing secondary certification are to major in History and select a minor from the disciplines of Geography or Political Science. In addition, students will complete specific courses in the third social studies discipline not chosen as a major or minor as well as HIST 4200: Social Studies Resources and Practices. Students must take Economics 2301 as the social science choice in the core curriculum, as Economics is another subject tested on the Social Studies Composite ExCET exam.

   The social studies composite requires completion of either of the following major/minor/third field combinations:

   A. History major, Geography minor, Political Science third field. This option in secondary teacher certification requires completion of the following 30 hours in History: HIST
1310, 1320, 2311, 2312, nine hours advanced group A (Asian, European, Latin American, and Middle Eastern), nine hours advanced group B (American History). The minor in Geography requires (19 hours) completion on the following: GEO 1309, 1310, 2410, 3303, 3309, and 3329.

The third field in Political Science requires (18 hours) completion of the following: POSI 2310, 2320, 4398, six hours from Group 2 (American Government), three hours of group 3 (Public Law) from: POSI 3310, 3311, or 4311.

B. History major, Political Science minor, Geography third field. This option in secondary teacher certification requires completion of the following 30 hours in History: HIST 1310, 1320, 2311, 2312, nine hours advanced group A (Asian, European, Latin American, and Middle Eastern), nine hours advanced group B (American History). The minor in Political Science requires (24 hours) completion of the following: POSI 1308 or 1309 and POSI 2310, 2320, 4398, and one advanced course from 4 of the 5 groups. The third field in Geography (16 hours) requires completion of the following: GEO 1309, 1310, 2410, 3303, and 3309.

In addition to the major, minor, and third field requirements, students must also complete 21 hours of professional sequence courses under the College of Education: CI 3310, CI 3325, CI 4332, CI 4343, RDG 3323, and ED 4681.

Page 340
CHANGE:
Second Teaching Field
A second teaching field in History requires 27 semester hours: HIST 1310, 1320, 2311, 2312, six hours advanced group A, six hours advanced group B, and HIST 4380. Students seeking certification in History must maintain an SWT GPA of 2.50 in their History courses with no grade lower than a C in each course.

Page 342
ADDITION:
Bachelor of Arts
Major in History
(Minimum required: 128 semester hours with teaching certification-Single Teaching Field)

<table>
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<td>Minor</td>
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<td>Mathematics (1315 or higher)</td>
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<td>Modern Language 2310 and 2320*</td>
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<td>Philosophy 1305</td>
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<td>History 4380</td>
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Add footnote  *Most students will need to complete 1410 and 1420 before enrolling in 2310 and 2320.
### Bachelor of Arts Major in History

(Minimum required: 139 semester hours with Social Studies Composite Teacher Certification)

<table>
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<td>Curriculum and Instruction 3325, 4332</td>
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### Page 342

**CHANGE:**

Bachelor of Arts
Major in History
(Minimum required: 135-136 semester hours with teaching certificate (two teaching fields required))

**Change Junior Year**
Delete History 3372 and change hours in that row from 12 to 9
**Change** total hours in junior year column from 33-30

### Page 345

**ADDITION:**

| HIST 4350 | Topics in World History. (3-0) A course based on major topics in World history. Emphasis will vary from political, social, economic, and cultural history in a cross-cultural context. May be repeated with a different emphasis. |

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**ADDITION:**

Advanced Courses-Group C

| HIST 4200 | Social Studies Resources and Practices. (3-0) An interdisciplinary methods course designed for Social Studies Composite students planning to teach at the secondary level. This course will examine the philosophy behind the social sciences as well as integrate instructional techniques of History, Economics, Political Science, and Geography. Departmental |

approval required.

ADDITIONS:

**FR 3305**  Acting French. (3-0)  An introduction to upper division courses in French designed to strengthen reading skills and oral command of the language through the study and performance of short French plays from the classical to the contemporary period.

**FR 3306**  Masterpieces of French Literature. (3-0)  Masterpieces of French literature in various genres from different periods with emphasis on the modern period.

**FR 3341**  Advanced Grammar in French. (3-0)  A study of more advanced grammatical, syntactical, and stylistic problems in mastering the French language with the aim of strengthening students' command of the structure of French and developing skills for more effective writing.

**FR 3382**  Business French II. (3-0)  A case study-based course that uses a simulation approach to problem-solving in a French business environment. The course objective is the development of an understanding of French practices, and the way they differ from American ones, through the analysis of contextualized situations in marketing and management. Prerequisite: French 3381 or consent of the instructor.

**FR 4304**  Topics in French Literature and Culture. (3-0)  Topics vary and include the study of specific literary or cinematic genres, periods, authors or film directors, and ethnic and women's contributions to literature or film in French.

**FR 4341**  French Composition and Stylistics. (3-0)  Students will incorporate their more advanced grammatical and syntactical skills with the study of style in the writing of compositions in French. Writing exercises will explore a variety of expository techniques from description, narration, dialogue, portraits, to the writing of letters.

**FR 4370**  French Civilization. (3-0)  A survey of the cultural institutions of France designed to provide a background for a better understanding of the French people, encompassing the development of French culture and the forces that have shaped modern France. Recent essays, films, and comparative analyses of French-American relations will be presented.

CHANGE:
FR 3381  Business French I. (3-0) Change in title and description. A course designed for students interested in business related careers. The course will help students to become familiar with basic French business language and the specifics of Francophone business cultures.

Page 349
DELETIONS:
FR 3301  Survey of French Literature
FR 3304  Advanced Conversation
FR 3370  French Civilization
FR 4301  The French Novel and the Short Story
FR 4340  Advanced Grammar and Composition in French
FR 3302  Survey of French Literature

Page 355
ADDITION:
PHIL 3325  Philosophy of Sex and Love. (3-0) Critical survey of major thinking on sex and love from ancient to modern times.

Page 356
ADDITION:
PHIL 4301  Applied Philosophy. (3-0) Practical application of methods and teaching of philosophy to such major areas of human experience as religion, science, morality, politics, art, or literature. The study of one or more of these areas will demonstrate how philosophy contributes to the identification of issues as well as their resolution. May be repeated for credit. Prerequisite: Three hours of lower division philosophy, Philosophy 3301, or consent of the instructor. (Capstone)

Page 356
CHANGE:
PHIL 3350B  Philosophy & Literature. (3-0) Change in title and description. The course is intended to explain the relation between philosophy and literature. Prerequisite: Three semester hours of lower division philosophy, Philosophy 3301, or consent of the instructor (Capstone).

Page 358
ADDITION:
(To be inserted after the Major in Political Science)
Secondary Teacher Certification
Teacher certification is available under the Social Studies Composite Certification for Secondary Education Plan. The Social Studies Composite Certification program is designed to prepare students to teach any of the four social studies disciplines (History, Geography, Government, and Economics) at the secondary level (grades 8-12). Upon completion of the
social studies curriculum and passage of the social studies ExCET test, students will receive certification in social studies and eligibility to teach in any of the four disciplines.

Students pursuing secondary certification are to major in Political Science and select a minor from the disciplines of Geography or History. In addition, students will complete specific courses in the third social studies discipline not chosen as a major or minor as well as HIST 4200: Social Studies Resources and Practices. Students must take Economics 2301 as the social science choice in the core curriculum, as Economics is another subject tested on the Social Studies Composite ExCET exam.

The social studies composite requires completion of either of the following major/minor and third field combinations:

Political Science major, Geography minor, History third field. This option in secondary teacher certification requires completion of the following 30 hours in Political Science: POSI 1308 or 1309, and 2310, 2320, one advanced course from 4 of the 5 groups, POSI 4398, and six hours of Political Science advanced electives. The minor in Geography (19 hours) requires completion of the following: GEO 1309, 1310, 2410, 3303, 3309, 3329, and 4340. The third field in History (18 hours) requires completion of the following: HIST 1310, 1320, 2311, 2312, three hours advanced group A (Asian, European, Latin American, and Middle Eastern), and three hours advanced group B (American History).

Political Science major, History minor, Geography third field. This option in secondary teacher certification requires completion of the following 30 hours in Political Science: POSI 1308 or 1309, and 2310, 2320, one advanced course from 4 of the 5 groups, POSI 4398, six hours of Political Science advanced electives. The minor in History (24 hours) requires completion of the following: HIST 1310, 1320, 2311, 2312, six hours advanced group A (Asian, European, Latin American, and Middle Eastern), and six hours advanced group B (American History). The third field in Geography (16 hours) requires completion of the following: GEO 1309, 1310, 2410, 3303, and 3309.

In addition to the major, minor, and third field requirements, students must also complete 21 hours of professional sequence courses under the College of Education: CI 3310, CI 3325, CI 4332, CI 4343, RDG 3323, and ED 4681 (Student Teaching).

Page 358
CHANGE:
Minors must take a total of 24 hours, including 1308 or 1309, 2310 and 2320, at least one course from 4 of the 5 groups, and one Political Science advanced elective course.

Page 360
CHANGES:
Bachelor of Arts
Major in Political Science
(Minimum required: 139 semester hours
with Social Studies Composite Teacher Certification)
Sophomore Year
Natural science component 7
Change the total number of hours for column from 31-32 to 31
Junior Year
Delete Anthropology 1312, Geography 1310, Psychology 1300, Sociology 1310 and leave Economics 2301 as the only course here.
Delete Free Elective 6 hours
Change Secondary Teaching Field to: Secondary/Third Teaching Field 13
Change Political Science, advanced from 6-9 to 9

33
Senior Year

Change Political Science, advanced 9-12 to 12
Change Second Teaching Field 9-12 to Second/Third Teaching Field 12
Add History 4200 2

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DELETION:
Delete the “note” The Political Science major with teaching certification consists of 30-33 semester hours.

Page 368

CHANGE:
Minor in Psychology change from 21 hours to 18 hours; Psy 1300 and 15 additional hours, at least 12 of which must be advanced.

Page 370

ADDITIONS:

PSY 3323 Evolution and Behavior. (3-0) A consideration of the evolution and function of behavior as viewed from a biological base. The course includes a comparative analysis of species-specific behaviors in man and lower animals. Laboratory periods will be devoted to observation and classification of behavior, as well as independent laboratory research. Prerequisite: Psychology 3302 or consent of instructor.

PSY 3334 Human Diversity. (3-0) The diverse way in which individuals think, learn, solve problems and behave creates a rich human experience of interpersonal communication, creativity, achievement, conflict and war. Explanations about how the environment, genetics and culture shape human differences, and how these differences are linked to world progress and understanding are addressed.

Page 373

CHANGE:
Bachelor of Arts
Major in Sociology
An undergraduate major in sociology consists of a minimum of 33 hours and a maximum of 39 hours in sociology. All students under the BA are required to take Sociology 1310, 3304, 3307, 3308 and 3309.

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CHANGES:
Bachelor of Science in Applied Sociology
Major in Applied Sociology
The BSAS is a 36 hour major designed for students who intend to apply sociological principles and practices in governmental and business settings. All students under the BSAS are required to take Sociology 1310, 3304, 3307, 3308, 3309, 3318, and 4690.
Deviance and Social Control-2320, 3321, 3325, 3327, 3343, 3344, 3347, 3348, 3349, 3363
3. Beyond the 21 hours of required courses in Sociology, students should select 15 hours of Sociology courses related to their occupational goals.

**Page 376**

**ADDITIONS:**

SOC 3304 Sociological Thought. (3-0) This course is a survey of sociological theory from its origins to today.

SOC 3309 Qualitative Research Methods. (3-0) This course examines qualitative methods, including field research and focus groups. We will describe the major differences between qualitative and quantitative research, and examine the strengths, weaknesses, and ethical issues related to qualitative research. Students will be required to conduct a complete qualitative research project, including the collection and analysis of qualitative data. Prerequisite: SOCI 1310 and departmental approval.

SOC 3321 Suicide, Society, and Human Experience. (3-0) This course will offer a systematic approach to understanding the human encounter with suicide. Issues of theoretical concern are addressed. The course draws upon current and classic sociological research.

**DELETIONS:**

SOC 3305 History of Sociology
SOC 3306 Contemporary Sociological Thought

**Page 383**

**CHANGE:**

Major and Minor in Biology

Majors in Biology take a minimum of ten courses of which at least six courses are advanced. Two semesters of Chemistry, both lecture and lab, are also required.

**Page 387**

**ADDITION:**

BIO 3370 The Biology of Marine Mammals. (3-0) This course will examine the evolution, behavior, and physiological adaptations (morphological, sensory, energetic, reproductive, and communicative) of the major groups of marine mammals: cetaceans, pinnipeds, and siennas. Prerequisites: Biology 2411 and 2450

**CHANGE:**

BIO 2430 Human Physiology and Anatomy. (3-4) Change in prerequisites. May not be credited toward a Biology major or minor.
Biological Oceanography. (3-0) Change in title, prerequisites and description.
This course examines chemical and physical aspects of oceans and estuaries as they relate to biological oceanography, specifically primary and secondary productivity, energy flow, and adaptations of marine organisms. Two field trips are taken to the Gulf coast of Texas. Prerequisites: BIO 2450, 2410 or 2411, and GEOG 3335.

Wildlife and Recreation: Impact and Management. (3-0) Students will be introduced to the impact human recreational activities have on wildlife habitats and populations. Management practices to enhance human-wildlife encounters or to minimize detrimental effects on wildlife populations will be presented. Prerequisites: Bio 2450.

Biosystematics. (3-0) Biological systematics is a multidisciplinary component of most biological disciplines. Course topics include: classification schemes, homology, homoplasy, the application of nomenclature, and phylogeny reconstruction. The course will also present relevant issues in conservation, biodiversity cataloguing, museum and collection management, and identification methods/dichotomous keys. Prerequisites: Bio 2450.

Science Processes and Research. (3-3) Change in description. May not count as one of the four upper level Biology courses required of general Biology majors, or one of the three upper level Biology courses required of Biology minors.

Animal Behavior. (3-3) This course presents all the major facets of the study of animal behavior, giving special attention to its evolution and ecological significance. We will discuss major conceptual models guiding past and present research in the field. Laboratories will emphasize experimental techniques and statistical analysis. Prerequisites: 2450 and one course from 2400, 2410, 2411.
GS 3310  General Science (3-2) Change in prerequisites, Physics 1310 and 1320 and 1110. A grade of at least a C is required in all prerequisite courses.
GS 3320  General Science (3-2) Change in prerequisites, Biology 1320 or 1421 or 1430 or 1431. A grade of at least a C is required in the prerequisite course.

Page 396
CHANGES:
CHEM 2341  (CHEM 2323) Organic Chemistry I. (3-0)  
Change in prerequisites, CHEM 1342 and CHEM 1142.
CHEM 2450  Biochemistry. (3-3)  
Change in prerequisites, CHEM 2330 and 2130; or CHEM 2342 and CHEM 2142.

Pages 402 and 403
ADDITIONS:
Department of Computer Science
ADD (WI), Writing Intensive
(WI) CS 3398  Software Engineering
(WI) CS 3468  Embedded Computer Systems
(WI) CS 4326  Human Factors of Computer Systems
(WI) CS 4398  Software Engineering Project

Page 405
CHANGE:
Degree Requirements
5. If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 128 hours required for the degree will fulfill this requirement. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
Change note 3. to 6.

Page 426
ADDITION:
TECH 3360  Structural Analysis. (3-1) Structural engineering fundamentals to include design loads, reactions, force systems, functions of a structure, and the analysis of statically determinate and indeterminate structures by classical and modern techniques. Prerequisite: TECH 3311.

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CHANGES:
Board of Regents
Nancy R. Neal, Chair (2003)................................. Lubbock
Patricia Diaz Dennis (2005).................................. San Antonio
Dionicio “Don” Flores (2005)................................. El Paso
John P. Hageman (2003)...................................... Austin
Dan S. Hallmark (2001)...................................... Beaumont
James A. “Jimmy” Hayley (2005)............................ Texas City
Pollyanna A. Stephens (2001)............................... San Angelo
James L. Sweatt (2003)...................................... Dallas
Macedonio “Massey” Villarreal (2001)...................... Missouri City
Academic Deans
T. Jaime Chahin, Ph.D................................................. College of Applied Arts
Ann Marie Ellis, Ph.D.................................................... College of Liberal Arts
Supplement to the Undergraduate Catalog Addendum 2000-2002

Effective Spring 2002
Page 18
CHANGE:

Special Student Option. Students who are not working toward a degree at SWT may be considered for admission as a Special Student. To qualify, students must either 1) verify an overall 2.25 grade point average in previous college work or 2) have a high school diploma or equivalent and not have been enrolled in any secondary or post-secondary institution for the last three years. Students must be eligible to return to each previous post-secondary institution (i.e., free of suspension, dismissal or enforced withdrawal). Enrollment as a Special Student is limited to a total of 24 semester hours and students must reapply each semester by the stated deadline. Approval must be granted by the director of admission. Work earned as a Special Student may be considered for degree purposes only after the student has reapplied and has met general admission requirements.

Effective Spring 2002
Page 226
ADDITION:
Other Requirements
Add item 5: Any student admitted to SWT may declare and be admitted to the program under a temporary status called pre-mass communication. Once a student has accumulated at least forty-five credit hours and meets the requirements outlined below, the student will be admitted to the department in major status. Students who fail to meet these requirements will not be admitted to the major. A letter grade of a "C" or better in the following courses or their equivalents: ENG 1310, ENG 1320, COMM 1310 and MC 1301. An overall GPA of at least a 2.5 on a 4.0 scale. A passing score on the department's grammar, spelling and punctuation (GSP) test. Students who have not met the university's computer literacy requirement will need to complete CS 1308 or its equivalent with a letter grade of "C" or better.