

College of Applied Arts

DEAN

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Agriculture Building 300
www.appliedarts.txstate.edu

ACADEMIC ADVISING CENTER

Agriculture Building 201
T: 512.245.1490 F: 512.245.1627
www.advising.appliedarts.txstate.edu

DEPARTMENT CHAIRS/PROGRAM DIRECTORS

Aerospace Studies—Lt. Col. Peter J. Deitschel, M.A.
Agriculture—Aditi K. Angirasa, Ph.D.
Criminal Justice—Christine Sellers, Ph.D.
Family and Consumer Sciences—Rodney C. Runyan, Ph.D.
Military Science—Lt. Col. James H. Adams, M.S.
Occupational, Workforce, and Leadership Studies—Carrie J. Boden-McGill, Ph.D.
Social Work—Dorinda Noble, Ph.D.

The College of Applied Arts' mission is to prepare undergraduate and graduate students for careers through programs of high quality in academic, professional, and technical areas; to further faculty excellence in teaching supported by quality scholarship; and to enhance our involvement with local, state, national, and international constituencies.

The College of Applied Arts offers five undergraduate degrees: (a) Bachelor of Science in Agriculture; (b) Bachelor of Science in Criminal Justice; (c) Bachelor of Science in Family and Consumer Sciences; (d) Bachelor of Applied Arts and Sciences; and (e) Bachelor of Social Work. In addition, the Departments of Aerospace Studies and Military Science prepare students for commissioning in the United States Air Force, United States Army, United States Army Reserves, or Army National Guard.

Twenty-two undergraduate majors (several with specialized options) are offered by four departments and three schools within the College:

Agriculture: animal science, general agriculture with or without teacher certification, agricultural business and management with specializations in agribusiness management, agricultural systems management, and horticultural business.

Criminal Justice: law enforcement, corrections, criminal justice.

Family and Consumer Sciences: family and consumer sciences (with consumer science option and teacher certification option),



family and child development (with teacher certification option), fashion merchandising, interior design, nutrition and foods (with teacher certification option).

Occupational, Workforce, and Leadership Studies: applied arts and sciences. (Individualized degree program that offers adults the opportunity to receive college credit for previous competencies acquired in the workplace as well as select a new career path or supplement skills in current path.)

School of Social Work (BSW): Education for beginning generalist in social work practices. Designed to give you a well-rounded perspective on efforts to enhance human well-being and productivity, help alleviate poverty and strengthen social justice.

Several of the College's programs have externship-type courses. These courses provide opportunities for students to further their education in an environment external to Texas State. These courses have entrance requirements including good academic standing at the time of the internship. More specific course requirements are available from the department of your major.

ACADEMIC ADVISING CENTER

The mission of the College of Applied Arts Academic Advising Center is to provide accurate and timely advice to prospective and current students regarding their progress toward completion of undergraduate degree programs administered by the college. Services include preparation of degree audits, assistance with degree planning, scheduling of classes, counseling for probation and suspension, evaluation of transfer work, and application for graduation. Please contact the Advising Center staff to schedule an appointment for advising.

Department of Aerospace Studies

AIR FORCE RESERVE OFFICER TRAINING CORPS
DETACHMENT 840

Derrick Hall 301
T: 512.245.2182 F: 512.245.7474
www.afrotc.txstate.edu

MINOR OFFERED Aerospace Studies

The Air Force Reserve Officer Training Corps (AFROTC) Program at Texas State develops skills and attitudes vital to professional Air Force Officers. The purpose of the program is to commission qualified students who wish to serve in the United States Air Force.

For the four-year program, students may register in the same manner as for other college courses. During the freshman and sophomore years of the program, students enroll in the General Military Course (GMC). Membership in the GMC does not confer any military status or commitment upon the cadet. After completion of the GMC, students compete for entry into the Professional Officer Course (POC), which is outlined below and normally is taken during the last two years of college.

The POC is designed to provide greater flexibility to meet the needs of students desiring a commission in the Air Force. The basic requirement is that the student has two full-time academic years remaining at either the undergraduate or graduate level to meet the minimum requirement of four semesters of POC academics and Leadership Laboratory.

Selection for the POC is highly competitive. Criteria used to assess qualifications of applicants are the Air Force Officer Qualification Test (testing material and information is available through AFROTC), cumulative GPA, physical fitness test, and the recommendation of the Professor of Aerospace Studies. Before formal induction into the POC, applicants must complete a four-week summer Field Training encampment paid for and conducted annually by the Air Force at various Air Force installations.

Both GMC and POC members must attend a weekly two-hour laboratory each semester. The laboratory provides cadets an environment to develop, learn and practice Air Force leadership skills. Students interested in learning more about AFROTC may visit <http://www.afrotc.com> or contact the Department of Aerospace Studies and Detachment 840.

Students may compete for a variety of scholarships. Qualified students may apply during the fall or spring semester for a scholarship that covers the remaining years in the program. The scholarships provide up to full tuition, laboratory and incidental fees, and an allowance for books. All students must complete a minimum of 24 semester hours of math and physical science or

four semester hours of the same foreign language. In addition, scholarship students, based on their classification, may receive up to \$500.00 per month tax-free subsistence. Students may obtain complete scholarship information at the department.

Pursuant to Texas Education Code §51.302, up to three semester hours of credit in an upper-level ROTC course may be applied to the core curriculum history requirement (HIST 1310 or 1320) and up to three hours to the core curriculum government requirement (POSI 2320 only).

MINOR IN AEROSPACE STUDIES

A minor in Aerospace Studies requires 19 hours, including AS 1110, 1120, 2110, 2120, 3311, 3312, 4311, 4312 and 3 hours of MATH. Cadets must enroll in A S 1000 every term until graduation.

Courses in Aerospace Studies (A S)

- 1000 Leadership Laboratory. (0-2) An integral and mandatory two-hour lab accomplished concurrently with all Aerospace Studies courses. It is a progression of practical command and staff experiences that develop leadership potential. AFROTC cadets plan, organize, direct, coordinate, and control all activities. The lab is repeatable without credit because it focuses on different leadership processes.
- 1110 The Air Force Today I. (1-0) A study of the doctrine, mission, and organization of the United States Air Force; United States strategic offensive and defensive forces, their missions and functions; and employment of nuclear weapons. Co-requisite: A S 1000.
- 1120 The Air Force Today II. (1-0) An introduction to flight, oral and written communication for the Air Force officer, Air Force installations, the Air Force profession and how the Air Force integrates with the U.S. Army, Navy, Marines, and Coast Guard. Co-requisite: A S 1000.
- 2110 The Development of Air Power I. (1-0) A historical study of the development of air and space power beginning before the first powered flights through WWI, the inter-war years, and WWII, tracing the development of various air power concepts with a focus on factors prompting aerospace research and technological change. Co-requisite: A S 1000.
- 2120 The Development of Air Power II. (1-0) A continuation of A S 2110 studying the historical development of air and space power from Vietnam to the present. Events and trends in the history of airpower are examined, emphasizing examples of the impact of air and space power on strategic thought. Co-requisite: A S 1000.
- 3311 Leadership and Management I. (3-0) A study of the framework of leadership in the Air Force (AF), part 1. Practical case studies examine AF leadership and management situations and discipline and ethics scenarios that demonstrate applications of the concepts. The course emphasizes communication skills used by officers in the AF. Co-requisite: A S 1000.
- 3312 Leadership and Management II. (3-0) A study of the framework of leadership in the Air Force (AF), part 2. Practical case studies examine AF leadership and management situations and discipline and ethics scenarios that demonstrate applications of the concepts. The course

emphasizes communication skills used by officers in the AF.
Co-requisite: A S 1000.

4311 National Security Forces in Contemporary American Society I. (3-0) Part 1 of the study of professional Air Force (AF) officers in a democratic society; societal attitudes toward the armed forces; national defense structure, policy development; and military law. AFROTC cadets study topics that prepare them for duty as AF officers. The course emphasizes AF communication skills. Co-requisite: A S 1000.

4312 National Security Forces in Contemporary American Society II. (3-0) Part 2 of the study of professional Air Force (AF) officers in a democratic society; societal attitudes toward the armed forces; national defense structure, policy development; and military law. AFROTC cadets study topics that prepare them for duty as AF officers. The course emphasizes AF communication skills. Co-requisite: A S 1000.

Department of Agriculture

Agriculture Building 206
T: 512.245.2130 F: 512.245.3320
www.ag.txstate.edu

DEGREE PROGRAMS OFFERED

Bachelor of Science in Agriculture (BSAG), major in Agriculture

Bachelor of Science in Agriculture (BSAG), major in
Agriculture (Teacher Certification in Agriculture
Science and Technology, Grades 6-12)

Bachelor of Science in Agriculture (BSAG), major in
Agriculture-Animal Science (Integrated Ranch and
Natural Resources Management Specialization)

Bachelor of Science in Agriculture (BSAG), major in Agriculture-
Animal Science (Basic Science and Pre-Vet Specialization)

Bachelor of Science in Agriculture (BSAG), major
in Agriculture-Business and Management
(Agribusiness Management Specialization)

Bachelor of Science in Agriculture (BSAG), major in
Agriculture-Business and Management (Agricultural
Systems Management Specialization)

Bachelor of Science in Agriculture (BSAG), major
in Agriculture-Business and Management
(Horticultural Business Specialization)

MINORS OFFERED

Agriculture
Animal Science
Horticulture
Plant and Soil Science

Agriculture majors have a choice of four different degree tracks: Agriculture, Agriculture-Teacher Certification, Agriculture-Animal Science, and Agriculture-Business and Management. The Department of Agriculture offers programs reflecting the diversity of choices available and skills required in modern agriculture and its related professions. This dynamic, global industry uses new technologies to improve the production, management, manufacture, and distribution of food and agricultural products.

Major in Agriculture

Agriculture majors are provided a broad exposure to agriculture. With this curriculum, students may expect to manage a ranch or a farm, or work in any career that requires a general agriculture education such as county extension agents, banking or government service.

Major in Agriculture with Teacher Certification in Agriculture Science and Technology

A comprehensive educational program concerned with the broad field of agriculture. Emphasis in the major is on production techniques, managerial skills and competencies necessary to function as agricultural scientists, educators, or agricultural managers in today's complex agricultural industry. Agricultural science teachers are certified to teach in grades six through twelve in the public schools of Texas.

Major in Agriculture-Animal Science

The study of all aspects of the livestock and poultry industries including commercial production and management; food processing; and animal feed/animal health including nutrition, biotechnology and veterinary medicine. Involvement of students in ongoing faculty research prepares graduates for careers in research and industry; and for further education in veterinary schools or graduate schools.

Major in Agriculture-Business and Management

This major reaches far beyond the farm to encompass the activities involved in bringing food and fiber to consumers. Students may pursue three specializations with this major: Agribusiness Management, Agricultural Systems Management, or Horticultural Business.

Specialization in Agribusiness Management

In this specialization students learn about the acquisition and use of capital, the working of the marketplace, financial institutions, and the effect of government policies on agriculture. Therefore, the Agribusiness Management specialization includes courses in agricultural finance, marketing and policies dealing with resource use as well as courses in technical agriculture and general education.

Specialization in Agricultural Systems Management

This specialization integrates and applies engineering technology, agricultural sciences, and business. It prepares graduates for careers in technical fields and engineering such as agricultural machinery and power systems, electrical energy systems including sensors and controls, agricultural structures, surveying, and environmental systems including water utilization and quality. Students are involved with ongoing research, farm power and machinery, and precision farming and global positioning systems. Graduates are expected to assume positions of leadership and responsibility in careers such as product testing and service management, agricultural sales and services, and agricultural production systems.

Specialization in Horticultural Business

This specialization teaches management of commercial establishments and institutions that produce ornamental plants such as greenhouses and nurseries, floral shops and plant therapy businesses. The major also contains specialized courses in horticulture that

utilize greenhouses, the Freeman Center and the Living Library Gardens.

Pre-Professional Program in Pre-Veterinary Science

The department supervises the Pre-Veterinary Science program, which provides two years of specialized course work for students planning to enter veterinary school. Specific course requirements and additional information are listed in the Degrees and Programs section of this catalog.

Internship

Students are encouraged to apply for internships and enroll in AG 4310 after their junior year. The department will assist students in securing internships in agriculturally related businesses or agencies. For specific information and requirements about internships, contact the Department Chair.

Special Requirements

1. Students cannot enroll in upper-level (3000 or 4000) agriculture courses until they have successfully completed MATH 1315 or 1319 and CHEM 1341, 1141.
2. AG 1110, AG 2373, and AG 2390 must be successfully completed in the first 45 college credit hours at Texas State.

Bachelor of Science in Agriculture (BSAG) Major in Agriculture Minimum required: 120 semester hours							
Note: If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.							
Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2313 or 2379	3	AG 3310	3	AG 3317 or 3318	3
AG 1445	4	AG 2373	3	AG 3426	4	AG 3319	3
AG 2390	3	AG 2374	3	AG 3427	4	AG 3353 or 4361	3
BIO 1330/1130	4	AG 2383	3	AG Electives*	12	AG 4310	3
MATH 1315 or 1319	3	ENG 3303	3	HIST 1320	3	AG 4325	3
COMM 1310	3	ENG 2310, 2320, 2330, 2340, 2359, or 2360	3	POSI 2320	3	AG 4326	3
ENG 1310, 1320	6	CHEM 1341, 1141	4	AG 2310	3	AG Electives **	5
US 1100 (PACE only)	1	PHIL 1305 or 1320	3			AG 4307 (Capstone Course)	3
HIST 1310	3	ANTH 1312, GEO 1310, PSY 1300 or SOCI 1310	3				
POSI 2310	3	ART, DAN, MU, or TH 2313	3				
Total	31	Total	31	Total	32	Total	26

* Select 12 hrs from the following: AG 2345, AG 2367, AG 3301, AG 3302, AG 3304, AG 3305, AG 3306, AG 3308, AG 3314, AG 3325, AG 3330, AG 3331, AG 3345, AG 4328. AG 4330,

** Select 5 hours from the following: AG 3321, AG 3329, AG 3351, AG 3352, AG 3455, AG 4185 (3 hour maximum), AG 4300, AG 4302, AG 4304, AG 4305, AG 4381, AG 4383

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture
(Teacher Certification in Agriculture Science and Technology, Grades 6-12)
Minimum required: 120 semester hours

General Requirements:

1. If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.
2. All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2313 or 2379	3	AG 3426	4	AG 3345	3
AG 1445	4	AG 2373	3	AG 3319	3	AG 4185	1
AG 2390	3	AG 2383	3	AG 3317 or 3318	3	AG 4343	3
BIO 1330/1130	4	AG 2374	3	AG 4325	3	AG 4212	2
MATH 1315 or 1319	3	ENG 2310, 2320, 2330, 2340, 2359, or		AG 2310	3	AG 4307	3
COMM 1310	3	2360	3	AG 3310, 3353, or 4361	3	AG 4311	3
ENG 1310, 1320	6	CHEM 1341, 1141	4	CI 4332	3	AG 4681	6
US 1100 (PACE only)	1	PHIL 1305 or 1320	3	ANTH 1312, GEO 1310, PSY 1300		RDG 3323	3
HIST 1310	3	HIST 1320	3	or SOCI 1310	3	CI 4370	3
POSI 2310	3	POSI 2320	3	ART, DAN, MU, or TH 2313	3	AG Advance Elective	3
				CI 3325	3		
Total	31	Total	28	Total	31	Total	30

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture-Animal Science
(Basic Science and Pre-Vet Specialization)
Minimum required: 120 semester hours

General Requirements:

1. Program requires completion of Biochemistry minor.
2. If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	PHYS 1325/1125	4	ANTH 1312, GEO 1310, PSY 1300, or		ENG 3303	3
AG 1445	4	ENG 1320	3	SOCI 1310	3	AG 4330	3
PHYS 1315/1115	4	ENG 2310, 2320, 2330, 2340,		ART, DAN, MU, or TH 2313	3	AG 4325	3
BIO 1330/1130	4	2359, or 2360	3	AG 3301	3	AG 3331	3
CHEM 1341/1141	4	COMM 1310	3	AG 3314	3	CHEM 4360	3
CHEM 1342/1142	4	MATH 2321	3	BIO 2400	4	CHEM 4385	3
US 1100 (PACE only)	1	PHIL 1305 or 1320	3	AG 3325	3	AG 4307	3
ENG 1310	3	CHEM 2341/2141	4	CHEM 3375 or 4375	3	AG 4185 (2x) or AG 4326 or AG	
POSI 2310, 2320	6	CHEM 2342/2142	4	CHEM 3276	2	4328	2-3
		HIST 1310, 1320	6	AG 3319	3	COMM 2330 or 2338	3
				AG 2310	3		
Total	31	Total	33	Total	30	Total	26-27

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture-Animal Science
(Integrated Ranch and Natural Resources Management Specialization)
Minimum required: 120 semester hours

Note: If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2383	3	AG 3301	3	AG 3317	3
AG 1445	4	AG 2373	3	AG 3314	3	AG 3319	3
AG 2390	3	ENG 2310, 2320, 2330, 2340, 2359, or 2360	3	AG 3321	3	AG 3331	3
BIO 1330, 1130	4	MATH 1315 or 1319	3	AG 3325	3	AG 3352	3
CHEM 1341, 1141	4	COMM 1310	3	AG 3351	3	AG 4325	3
US 1100 (PACE only)	1	PHIL 1305 or 1320	3	ACC 2361	3	AG 4326	3
ENG 1310, 1320	6	ANTH 1312, GEO 1310, ECO 2301, ECO 2314,		AG 3353	3	AG 4330	3
POSI 2310, 2320	6	PSY 1300, or SOCI 1310	3	AG 3426	4	Advanced Elective	2
		ART, DAN, MU, or TH 2313	3	ENG 3303	3	AG 4307	3
		HIST 1310, 1320	6	GEO 2426	4	AG 2310	3
Total	29	Total	30	Total	32	Total	29

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture-Business and Management
(Agribusiness Management Specialization)
Minimum required: 120 semester hours

Note: If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2313 or 2379	3	ACC 2362	3	AG 3317 or 3318	3
AG 1445	4	AG 2373	3	AG 3351	3	AG 3319	3
AG 2390	3	AG 2383	3	AG 3352	3	AG 3353 or 3375	3
BIO 1330/1130	4	AG 2361	3	AG 3426	4	AG 4380	3
MATH 1315 or 1319	3	ENG 3303	3	ECO 2315	3	AG 4381	3
COMM 1310	3	ENG 2310, 2320, 2330, 2340, 2359, or 2360	3	ECO 3314	3	AG 4383	3
ENG 1310, 1320	6	CHEM 1341, 1141	4	HIST 1320	3	AG 4307 (Capstone Course)	3
US 1100 (PACE only)	1	PHIL 1305 or 1320	3	POSI 2320	3	AG Electives*	3
HIST 1310	3	ANTH 1312, GEO 1310, PSY 1300 or SOCI 1310	3	AG Electives*	3		
POSI 2310	3	MATH 1329 or MATH 2321 or MATH 2417	3-4	AG 2310	3		
		ART, DAN, MU, or TH 2313	3				
Total	31	Total	34-35	Total	31	Total	24

* Select 6 hrs from the following: AG 3301, AG 3302, AG 3304, AG 3305, AG 3306, AG 3308, AG 3310, AG 3314, AG 3321, AG 3325, AG 3329, AG 3331, AG 3345, AG 3427, AG 3455, AG 4185 (3 hour maximum), AG 4300, AG 4302, AG 4304, AG 4305, AG 4306, AG 4310, AG 4325, AG 4326, AG 4328, AG 4330, AG 4361, BLAW 3363

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture-Business and Management
(Agricultural Systems Management Specialization)
Minimum required: 120 semester hours

Note: If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2313 or 2379	3	ACC 2361	3	AG 3317 or 3318	3
AG 1445	4	AG 2373	3	AG 2374	3	AG 3319	3
AG 2390	3	AG 2383	3	AG 3310	3	AG 3353 or 3375	3
BIO 1330/1130 or PHYS 1315/1115	4	PHYS 1325/1125	4	AG 3351	3	AG 3455	4
MATH 1315 or 1319	3	ENG 3303	3	AG 3352	3	AG 4361	3
COMM 1310	3	ENG 2310, 2320, 2330, 2340, 2359, or 2360	3	AG 3426	4	AG 4380	3
ENG 1310, 1320	6	CHEM 1341, 1141	4	HIST 1320	3	AG Electives*	4
US 1100 (PACE only)	1	PHIL 1305 or 1320	3	POSI 2320	3	AG 4307 (Capstone Course)	3
HIST 1310	3	ANTH 1312, GEO 1310, PSY 1300 or SOCI 1310	3	AG 2310	3		
POSI 2310	3	MATH 1329 or 2321 or 2417	3-4				
		ART, DAN, MU, or TH 2313	3				
Total	31	Total	35-36	Total	28	Total	26

* Select 4 hrs from the following: AG 3301, AG 3302, AG 3304, AG 3305, AG 3306, AG 3308, AG 3314, AG 3321, AG 3325, AG 3329, AG 3331, AG 3345, AG 3427, AG 4185 (3 hour maximum), AG 4304, AG 4305, AG 4306, AG 4310, AG 4325, AG 4326, AG 4328, AG 4330, AG 4371A, AG 4371B, AG 4371C, AG 4371D, AG 4381, AG 4383

Bachelor of Science in Agriculture (BSAG)
Major in Agriculture-Business and Management
(Horticultural Business Specialization)
Minimum required: 120 semester hours

Note: If two years of the same foreign language were taken in high school, then enough additional hours to total the minimum 120 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.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
AG 1110	1	AG 2313 or 2379	3	AG 3305	3	AG 3302	3
AG 2390	3	AG 2373	3	AG 3306	3	AG 3311 or AG 3427	3-4
BIO 1330/1130	4	AG 2383	3	AG 3329	3	AG 3317 or AG 3318	3
MATH 1315 or 1319	3	ACC 2361	3	AG 3351	3	AG 3308	4
COMM 1310	3	AG 3304	3	AG 3352	3	AG 4380	3
ENG 1310, 1320	6	ENG 3303	3	AG 3426	4	AG 4307 (Capstone Course)	3
US 1100 (PACE Only)	1	ENG 2310, 2320, 2330, 2340, 2359, or 2360	3	AG Electives*	4	AG 3319	3
HIST 1310	3	CHEM 1341, 1141	4	HIST 1320	3	AG Electives*	6
POSI 2310	3	PHIL 1305 or 1320	3	POSI 2320	3		
		ANTH 1312, GEO 1310, PSY 1300 or SOCI 1310	3	AG 2310	3		
		ART, DAN, MU, or TH 2313	3				
Total	27	Total	34	Total	32	Total	27-28

* Select 10 hrs from the following: AG 3301, AG 4300, AG 3310, AG 3314, AG 3321, AG 3353, AG 3455, AG 4185 (3 hour maximum), AG 4302, AG 4304, AG 4305, AG 4306, AG 4310, AG 4361, AG 4371, AG 4381, AG 4383.

Minor in Agriculture

A minor in Agriculture requires 19 hours, which includes AG 1445, AG 2313, AG 2373, and 9 hours of advanced AG classes. A minor in agriculture is ideal for someone majoring in the life sciences, family and consumer sciences, or in any discipline where knowledge of the food and fiber industry would be beneficial. *Agriculture majors may not select a minor in Agriculture due to course duplication.

Minor in Animal Science

A minor in Animal Science requires 19 hours, which includes AG 1445, AG 3325, AG 3331, and 9 hours selected from AG 3301, AG 3314, AG 3321, AG 3352, AG 4326, or AG 4330.

Minor in Horticulture

A minor in Horticulture requires 18 hours, which includes AG 2379, AG 3302, AG 3305, and 9 hours selected from AG 3304, AG 3306, AG 3308, AG 3426, AG 3427, AG 3455, AG 4300, AG 4302, AG 4304, AG 4305, or AG 4371B.

Minor in Plant and Soil Science

A minor in Plant and Soil Science requires 20 hours, which includes AG 2313, AG 3426, AG 4302, and 10 hours selected from AG 3301, AG 3304, AG 3321, AG 3329, AG 3427, AG 3455, or AG 4371B.

Second Teaching Field in Agriculture Science and Technology

A second teaching field in Agriculture Science and Technology requires 29-30 hours, which include AG 2373, AG 2374, AG 2383, AG 3310 or AG 3353 or AG 4361, AG 3345, AG 4325, AG 4343, AG 2313 or AG 2379, AG 2421 or AG 3305 or AG 3306 or AG 3426, and AG 4212. Students seeking teacher certification in [Agriculture Science and Technology](#) must maintain a Texas State GPA of 2.50 in all agriculture and education courses with no grade lower than a "C".

Courses in Agriculture (AG)

- 1110 (AGRI 1131) Careers in Agriculture. (1-0) This course is an introduction to careers available in the broad field of agriculture including an overview of personal and career qualifications needed for workplace success.
- 1445 (AGRI 1419) Basic Animal Science. (3-2) An introductory course designed to acquaint students with the importance of the livestock industry. A study of the types and breeds; market classes and grades of beef cattle, swine, sheep, goats, horses, and poultry; attention will be given to breeding, judging, care, and management.
- 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. Prerequisites: AG 1110.
- 2313 (AGRI 1307) Agronomic Crops. (2-2) A study of the production, harvest practices, storage, and use of cereal and feed grains, fiber crops, forages, and other related crops requiring special technology.

- 2345 Horse Management. (2-2) A course designed as a broad but thorough coverage of most areas of horse husbandry and production, including anatomy, physiology, breeding, feeding, training, and health care. Laboratory sessions are designed to acquaint the student with modern methods of breeding, training, and care of the horse.
- 2367 Animal Ultrasonography. (2-2) A study of current developments and utilization of animal ultrasonography technology in agriculture. Hands-on training in animal growth and development, animal breeding, animal handling and management, animal reproduction, computer technology and data interpretation.
- 2373 (AGRI 2303) Introduction to Agricultural Engineering. (2-2) An introductory course designed to acquaint students with a wide range of concepts, principles and applied technologies in agricultural engineering. A problem solving course.
- 2374 Metal Fabrication and Welding Technology for Agriculture. (2-2) This course covers the principles and practices of applied metallurgy and welding. Emphasis is given to the management of the technologies and techniques associated with oxy-fuel cutting, shielded metal arc welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), and Plasma Arc Cutting (PAC). Prerequisites: AG 2373.
- 2379 (AGRI 1315; HORT 1301) General Horticulture. (2-2) A survey of the general field of horticulture including general areas of employment.
- 2383 (AGRI 2317) Introduction to Agricultural Economics. (3-0) The role of agriculture in the general economy; the study of basic economic concepts with their application to the agricultural firm; the structure and operation of the marketing system; the functional and institutional aspects of agricultural finance; international trade; and government farm programs.
- 2390 (AGRI 1309) Computer Applications in Agriculture. (2-2) Introduction to computers and computer technology; operation and application of the computer in production agriculture and agricultural business, services and industries. Includes characteristics of computer hardware and software, accessing and using the computer in agriculture.
- 2421 Range Forage and Pasture Crops. (3-2) Production, utilization and management of major range and forage plants in production systems that will meet the nutritional needs of both wild and domestic animals on a sustained basis. Prerequisite: AG 1445.
- 3301 Genetics of Livestock and Plant Improvement. (3-0) Fundamental principles of genetics and their application to higher plants and animals. The physical basis of Mendelian inheritance, expression and interaction of genes, gene frequency, linkage, sex linkage, inbreeding, line breeding, and crossbreeding as applied to selection indices for livestock and plants. Prerequisites: AG 1445; BIO 1330, 1130. (WI)
- 3302 Herbaceous Plant Materials. (2-2) This course will include the identification, selection, use, and management of annuals, perennials, herbs, and ornamental grasses in the landscape. Each student will learn irrigation, fertilization, pruning, and other cultural needs of such plants. The laboratory will complement lecture.

- 3304 Propagation of Horticultural Plants. (2-2) Principles and practices of propagating ornamental plants, vegetables, and fruits by sexual and asexual methods including germination of seed, layerage, graftage, division, cuttage, bulbs, corms, and other vegetative plant structures. Study of physical, physiological and environmental factors affecting propagation of ornamental plants.
- 3305 Woody Plant Materials for Outdoor Landscapes. (2-2) Study of woody plant material including fruit and ornamental trees, shrubs, and ground covers and their identification, nomenclature, and use in the planting and development of home landscapes.
- 3306 Flowers and Plants for Interior Design. (2-2) Study of flowers, cut flowers, foliage and blooming pot plants to enhance the interior design of homes and businesses including their identification, cultural requirements, uses, diagnoses and corrective measures of disorders. Basic principles of flower arrangement and the preparation of floral and plant decoration as used in interior design. (WI)
- 3308 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.
- 3310 Agricultural Power and Machinery Technology. (2-2) This course covers the principles of 2 stroke and 4-stroke cycle engines, ignition, and combustion types including injection systems. Components including power and power transmissions and hydraulic systems will also be addressed. Prerequisites: Math 1315 and AG 2373.
- 3311 Agricultural Practices and Pollution Control. (2-2) Principles and practices of applied physical, chemical, and biological control of air, soil, and water pollution arising from production and processing of agricultural products. Prerequisites: CHEM 1341 and 1141, MATH 1315, AG 2373 and 2390.
- 3314 Animal Health and Disease Control. (3-0) A course designed to enable the animal science student to understand basic veterinary principles as applied to prevention of disease in domestic livestock. Common diseases of livestock are considered, with emphasis on sanitation and modern preventative methods concerned with keeping livestock healthy. Prerequisite: AG 1445.
- 3317 Farm Management. (2-2) Tools and techniques which are basic to the study of farm organization and decision making, the wise allocation of factors of production, the keeping of records, and income tax management. Prerequisites: AG 2383, AG 2390; MATH 1315 or MATH 1319.
- 3318 Agricultural Business Management. (3-0) Introduction to the institutions and functions in agribusiness. The institutional structure of the agribusiness sector such as the feed, farm machinery and equipment, farm chemicals, financial institutions and private and public agri-services will be delineated. The second part of the course will introduce and develop the various functions such as organizational behavior, financial management, market management and human resource management. Prerequisites: AG 2383, AG 2390; MATH 1315 or MATH 1319.
- 3319 International Food and Fiber Systems. (3-0) Presents the food and fiber system from an international Component. Analysis of food production and consumption patterns under different world economic systems, causes of surpluses and shortages throughout the world; the role of trade in solving food and agricultural problems. Outlook and situation for food and fiber is discussed for both developed and developing nations, and impact of U.S. food policy on world trade flows is presented. (MC)
- 3321 Range Management. (3-0) Practical problems met in managing native pastures and rangelands. Attention to determining range condition and proper stocking rates, methods of handling livestock on the range, range reseeding, brush control, and poisonous plants. The ecological and physiological response of range vegetation to grazing. Prerequisite: AG 1445.
- 3325 Animal Nutrition. (3-0) Principles of animal nutrition with emphasis on digestion, absorption, metabolism, and function of nutrients; estimation of feedstuff nutritive value; and requirements of animals. Prerequisites: CHEM 1341, 1141; BIO 1330, 1130. (WI)
- 3329 Economic Entomology. (3-0) A study of the most common insects of field crops, fruits, and vegetables; life history, methods of attack, damage, and means of preventing and controlling. Collection and mounts of insects will be made.
- 3330 Applied Wildlife Nutrition. (1-4) Basic and fundamental principles of nutrition for ruminant and non-ruminant wildlife with emphasis in North American and African wildlife. Attention will be given to digestive physiology and anatomy, feed sources, forage resources, and nutrient requirements. Prerequisite: AG 1445 or BIO 1330, 1130.
- 3331 Reproduction in Farm Animals. (2-2) An examination of the anatomy and physiology of reproductive systems of livestock of economic importance. Attention is given to reproductive failure and disease. The laboratory includes pregnancy testing, semen collection and evaluation, artificial insemination techniques, and evaluation of breeding records. Prerequisites: AG 1445 and 3301, or BIO 2450.
- 3345 Livestock Selection and Evaluation. (2-2) Detailed consideration of the factors involved in the selection and evaluation of beef cattle, sheep, swine, rabbits, goats, and chickens. Emphasis will be placed on the care, grooming and exhibition of livestock projects. Prerequisite: AG 1445; junior classification.
- 3351 Agricultural Marketing and Sales. (3-0) A study of the food marketing system and farm input sales; includes the functional systems approach that integrates the agricultural input industries into a discussion of food marketing; takes a micro approach to the development of marketing management skills needed in agribusiness; and provides a critical outlook on issues ranging from inputs to final food products. Prerequisites: AG 2383; MATH 1315 or MATH 1319. (WI)
- 3352 Quantitative Methods in Agricultural Economics. (3-0) Principles involved in collection, tabulating and analyzing agricultural data. Topics include sampling procedures, questionnaire development, descriptive analysis of data, correlation, prediction and forecasting and tests of significance. Simple computer programs will be stressed for class exercises during the course. Prerequisites: AG 2383, AG 2390; MATH 1315 or MATH 1319.
- 3353 Agricultural Structures and Environment. (2-2) Principles and practices associated with structural components,

- selection, materials of construction, heat and moisture control, and the environmental issues of waste management systems; a problem solving course. Prerequisites: MATH 1315, AG 2373 and 2390.
- 3375 Management of Agricultural Machinery and Equipment. (2-2) This course addresses the optimization of the equipment phases of agricultural production and processing. Emphasis will be placed on management and decision making principles concerned with the efficient selection, operation, repair, maintenance, and replacement of machinery and equipment. Prerequisites: AG 2373, MATH 1315, CHEM 1341, 1141, and AG 2390.
- 3426 Soil Science I. (3-2) The fundamental principles of soil science to acquaint the student with some physical, chemical, and biological properties of the soil. Prerequisites: CHEM 1341 and 1141; AG 2313 or 2379.
- 3427 Soil Science II. (3-2) Management of soils as pertaining to their place in the environment. Special emphasis will be given to the role of soil in conventional agricultural systems, natural resource systems, waste management systems, and reclaimed and artificial soil systems. Prerequisite: AG 3426. (WI)
- 3455 Land Surveying. (2-4) Engineering practices used in plane and geodetic surveying including differential and profile leveling, topographic, land, boundary and cadastral, and construction surveys. Laboratory exercises include use of dumpy levels, transits and total stations, and GPS (Global Positioning System) total station with RTK (real time kinematic). Planimeters and stereoscopes are used in analyzing aerial maps. Prerequisites: MATH 1315 or 1317 or 1319, AG 2373, AG 2390.
- 4185 Current Problems in Technical Agriculture. (1-0) A course for advanced undergraduates to study subject matter of special interest in agriculture. Problems in agronomy, economics, animal science, plant science, and farm mechanics may be selected. Prerequisite: Approval by department chair. May be repeated for up to three semester hours credit. Course may not be taken for graduate credit. (WI)
- 4212 Program Building. (2-0) This course will focus on program and curriculum development in agricultural education settings. Primary course elements will include determining program and curriculum goals and objectives, implementing the program, and curriculum evaluation. Co-requisites: AG 4343, AG 4681 (to be taken in final semester).
- 4300 Greenhouse and Nursery Management. (2-2) Planning greenhouses for commercial and home use; plant-nursery layouts. Study of the physical and economic factors affecting the production of plants in the greenhouse and other forcing structures, and in the field; management techniques used in the production and marketing of greenhouse and nursery plants. (WI)
- 4302 Fruit and Vegetable Crop Production. (2-2) Factors influencing small-fruit and tree-fruit and vegetable crop production in the field including root stocks, varieties, soil, planting, transplanting, irrigating, fertilizing, pruning, insects, diseases, nematodes, weeds, chemicals, harvesting, storing, and marketing; greenhouse production of certain vegetables. Prerequisite: AG 2313 or 2379. (WI)
- 4304 Landscape Management. (2-2) To acquaint students with the practices and techniques used in professional landscape construction and management, and with the scientific and technical basis for such practices.
- 4305 Landscape Design. (2-2) Landscaping combines elements of art and science to create functional, aesthetically pleasing outdoor space. This class helps students develop knowledge of design elements and principles. Students learn site and client analysis techniques for critiquing landscapes. Students learn to communicate ideas through the planning and drawing of landscape plans.
- 4306 Advanced Landscape Design and Construction. (2-2) Students will become more adept at using computer applications for designing small commercial and residential landscapes. Students will also learn to apply landscape designs to installation and construction techniques. Prerequisite: AG 4305.
- 4307 Professional Development in Agriculture. (3-0) This course requires students to select a topic of current interest appropriate to the major. Critical analysis of the situation including both positive and negative aspects will be encouraged. Findings will be presented in both oral and written form. (Capstone Course). Prerequisite: Senior Classification. (WI)
- 4310 Agricultural Internship. (0-6) This course integrates professional and academic experience through internship with an external employer. The internship is designed to provide actual work experience, observation and analysis in the student's chosen career field. Prerequisites: Junior or Senior standing and a GPA of 2.75 or higher.
- 4311 Instructional Methods for Career and Technology Educators. (2-2) An analysis of the instructional techniques, strategies and methods appropriate to the effective teaching of career and technology subjects. Teaching special populations and teaching in multicultural environments will be addressed. Prerequisites: To be taken the Fall semester before student teaching.
- 4325 Feeds and Feeding. (2-2) Study of feedstuffs used in livestock enterprises. Application of basic nutrients to the needs of different species of livestock. Formulating rations, methods of feeding, feed control laws, and feeding investigation. Prerequisites: AG 1445; CHEM 1341, 1141; BIO 1330, 1130.
- 4326 Advanced Animal Science-Ruminants. (3-0) The application of scientific and technological advances to production and management in ruminant animal production and management. Prerequisite: AG 1445. (WI)
- 4328 Advanced Animal Science-Poultry and Swine. (3-0) Application of basic principles in the production and management of nonruminant animals. Scientific and technological advances with emphasis on overall management, health care, nutrition, genetics, physiology, and marketing of nonruminant animals. Prerequisite: AG 1445. (WI)
- 4330 Food Technology: Processing Meats. (2-2) Evaluation and grading of carcasses; wholesale and retail cuts of beef, pork, lamb, and poultry. Emphasis on quality controls, testing of finished products that have been frozen, cured, fried, pickled, and canned. Prerequisites: AG 1445, BIO 1330, 1130 and CHEM 1341, 1141; or consent of instructor.
- 4343 Organization and Management for Laboratory Programs. (2-2) Instructional programs involving laboratory equipment and facilities will be examined. Curriculum, teaching methods, equipment and facility management practices including various aspects of safety, tool management,

School of Criminal Justice

Hines Building 108

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DEGREE PROGRAMS OFFERED

Bachelor of Science in Criminal Justice (BSCJ), major in Criminal Justice

Bachelor of Science in Criminal Justice (BSCJ), major in Criminal Justice Corrections

Bachelor of Science in Criminal Justice (BSCJ), major in Criminal Justice Law Enforcement

MINOR OFFERED

Criminal Justice

These degree programs prepare students to pursue advanced academic degrees and to serve the community in the operation and management of criminal justice agencies which include federal, state, county, and municipal law enforcement; probation; courts; institutional corrections; parole; and related agencies. The programs are founded on an interdisciplinary and academic approach to the role of criminal justice in the maintenance of social order in a democratic society.

Students pursuing a degree in criminal justice should be willing to meet the standards required of such a career. The majority of criminal justice agencies require sound academic preparation, psychological stability, physical agility, and a record free of felonies or excessive traffic offenses. All three programs include optional internships, and students selecting an internship option must meet criteria described below. The Criminal Justice major includes the development of advanced research and writing skills and includes interdisciplinary course work.

15 credit hours in criminal justice core curriculum (or their equivalents) may be transferred from a Texas public two-year college as agreed by Texas public institutions for the criminal justice field of study. If transferring additional criminal justice courses please contact the College of Applied Arts Academic Advising Center for assistance.

Criminal Justice Core

CJ 1310, 2310, 2350, 2355, and 2360 are required of all Criminal Justice majors.

Internship

A student must meet the following requirements before being allowed to enroll in an internship course: Texas State GPA of 2.25, CJ GPA of 2.50, completion of 90 college course work hours (including 21 in CJ), ENG 1310 and 1320, CJ 3346, HIST 1310 and 1320, COMM 1310, MATH 1315, 1316 or 1319, CJ 3347 or MATH 2328 or SOCI 3307 or PSY 2301/2101, POSI 2310 and 2320, and 6 hours of Natural Science. Permission of Internship Coordinator is also required.

inventory and security are emphasized along with facilities layout planning. Must be taken in last semester of program.

Prerequisites or co-requisites: AG 4212, 4681.

4361 Agriculture Electric and Mechanical Systems. (2-2) Electrical fundamentals applied to agricultural production and processing. Circuits, power, energy, wiring design, and motor fundamentals; selection, installation and operational characteristics. Sensors and control devices including switches, relays, timers, and circuit breakers will be studied. Prerequisite: AG 2373.

4371 Special Topics in Agricultural Systems Management. (3-0) Study of selected topics not currently available in existing courses.

4371B Agricultural Irrigation Technology. (3-0) Principles associated with water management practices in maintaining soil productivity and the influence of water management on environmental quality. Emphasis will be placed on the selection and layout of irrigation and drainage systems, waste management systems, and the impact on the environment. Prerequisite: AG 2373.

4371S GPS-Agricultural and Environmental Applications. (3-0) An introduction of techniques and technologies using the Global Positioning System (GPS) in precision agriculture, land surveying and environmental applications. The use of GPS and geo-referenced data in Geographic Information Systems (GIS) will be taught. Labs will be used to collect and analyze data.

4380 Agricultural Finance. (3-0) An introduction to finance and financial problems faced by agribusiness managers. The subject matter includes financial analysis, planning, and control; capital budgeting; capital structure, liquidity, and risk management; and financial markets. Prerequisites: AG 2383; MATH 1315 or MATH 1319; ACC 2361.

4381 Agricultural Policy. (3-0) Identification and analysis of governmental programs and policies affecting the production and marketing of agricultural products. An economic evaluation of alternative policies and their application for farmers, consumers and agribusinesses will be considered. Prerequisites: AG 2383; MATH 1315 or MATH 1319. (WI)

4383 Agricultural Resource Economics. (3-0) Economic concepts and institutional factors relating to the use of agricultural resources such as land, air, water, energy, space, etc. Emphasis is on the conservation of resources and the environmental interactions resulting from the use of natural resources for agricultural production. Prerequisite: AG 2383, MATH 1315 or MATH 1319. (WI)

4681 Student Teaching in Agricultural Science and Technology. (0-6) Planning for teaching agricultural science in selected schools in Texas. Prerequisite: Senior classification (to be taken in final semester).

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice (Non-Internship Option)
 Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4365, CJ advanced elective	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4340	3
HIST 1310	3	CJ 2360	3	CJ 3346	3	CJ 4350 or 4352, CJ Advanced	6
MATH 1315, 1316, or 1319	3	CS 1308 or CS 1323	3	CJ advanced elective	3	elective	6
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced elective or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or SOCI 3307 or PSY 2301/2101	3-4				
US 1100	1						
Total	31	Total	30-31	Total	29	Total	30

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice (Internship Option)
 Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4301, 4302	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4340	3
HIST 1310	3	CJ 2360	3	CJ 3346	3	CJ 4350 or 4352, CJ Advanced	6
MATH 1315, 1316, or 1319	3	CS 1308 or CS 1323	3	CJ advanced elective	3	elective	6
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced electives or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or SOCI 3307 or PSY 2301/2101	3-4				
US 1100	1						
Total	31	Total	30-31	Total	29	Total	30

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice Corrections
(Non-Internship Option)
Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4365, CJ advanced elective	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4316	3
HIST 1310	3	CJ 2360	3	CJ 3325	3	CJ 4340	3
MATH 1315, 1316, or 1319	3	CS 1308 or CIS 1323	3	CJ 3346	3	CJ 4352	3
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced electives or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or SOCI 3307 or PSY 2301/2101	3-4				
US 1100	1						
Total	31	Total	30-31	Total	29	Total	30

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice Corrections
(Internship Option)
Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4301, 4302 (Internship option)	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4316	3
HIST 1310	3	CJ 2360	3	CJ 3325	3	CJ 4340	3
MATH 1315, 1316, or 1319	3	CS 1308 or CIS 1323	3	CJ 3346	3	CJ 4352	3
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced electives or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or SOCI 3307 or PSY 2301/2101	3-4				
US 1100	1						
Total	31	Total	30-31	Total	29	Total	30

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice Law Enforcement
(Non-Internship Option)
Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4365, CJ advanced elective	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4332	3
HIST 1310	3	CJ 2360	3	CJ 3329	3	CJ 4340	3
MATH 1315, 1316, or 1319	3	CS 1308 or CIS 1323	3	CJ 3346	3	CJ 4350	3
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced electives or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or					
US 1100	1	SOCI 3307 or PSY 2301/2101	3-4				
Total	31	Total	30-31	Total	29	Total	30

Bachelor of Science in Criminal Justice (BSCJ)
Major in Criminal Justice Law Enforcement
(Internship Option)
Minimum required: 120 semester hours

General Requirements:

1. For the Statistics requirement, SOCI 3307 is recommended for Sociology minors.
2. 6-8 hours of foreign language is required if two years of a foreign language were not completed in high school. This can be satisfied by the electives in the junior or senior year.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CJ 1310	3	CJ 2310	3	ART, DAN, MU, or TH 2313	3	CJ 4301, 4302	6
COMM 1310	3	CJ 2350	3	CJ 3300	3	CJ 4310 (Capstone)	3
ENG 1310, 1320	6	CJ 2355	3	CJ 3323	3	CJ 4332	3
HIST 1310	3	CJ 2360	3	CJ 3329	3	CJ 4340	3
MATH 1315, 1316, or 1319	3	CS 1308 or CIS 1323	3	CJ 3346	3	CJ 4350	3
POSI 2310	3	HIST 1320	3	ENG Literature	3	Advanced electives or Minor	6
PHIL1305 or 1320	3	Natural Science Component	6	Advanced electives or Minor	3	Electives or Minor	6
PSY 1300	3	POSI 2320	3	Electives or Minor	8		
SOCI 1310	3	Statistics: CJ 3347 or MATH 2328, or					
US 1100	1	SOCI 3307 or PSY 2301/2101	3-4				
Total	31	Total	30-31	Total	29	Total	30

MINOR IN CRIMINAL JUSTICE

A minor in Criminal Justice requires 18 hours, which includes CJ 1310, 6 hours selected from the criminal justice core: CJ 2310, 2350, 2355, or 2360, and 9 advanced CJ hours.

Courses in Criminal Justice (CJ)

- 1310 (CRIJ 1301) Introduction to Criminal Justice. (3-0) History and philosophy of criminal justice: ethical considerations, crime defined, overview of criminal justice system, law enforcement, court system, prosecution and defense, trial process, and corrections.
- 2310 (CRIJ 2328) Police Systems and Practices. (3-0) Police profession: organization of law enforcement systems, the police role, police discretion, ethics, police-community interaction, and current and future issues. Prerequisite: CJ 1310.
- 2350 (CRIJ 1306) The Courts and Criminal Procedure. (3-0) Judiciary in the criminal justice system: structure of American court system, prosecution, right to counsel, pre-trial release, grand juries, adjudication process, types and rules of evidence, and sentencing. Prerequisite: CJ 1310.
- 2355 (CRIJ 2313) Correctional Systems and Practices. (3-0) Corrections in the criminal justice system: organization of correctional systems, correctional role, institutional operations, alternatives to institutionalization, treatment and rehabilitation, and current and future issues. Prerequisite: CJ 1310.
- 2360 (CRIJ 1310) Fundamentals of Criminal Law. (3-0) A study of the nature of criminal law: philosophy and historical developments, major definitions and concepts, classification of crime, elements of crimes and penalties using Texas Statutes as illustrations, and justifications of and defenses to criminal responsibility.
- 3300 Juvenile Justice. (3-0) A study of the juvenile justice process to include both the specialized juvenile law and the role of the courts, police and corrections in juvenile justice. Prerequisite: CJ 1310. (WI)
- 3322 Race, Ethnicity and Criminal Justice. (3-0) This course examines the relationship between race/ethnicity and the criminal justice system. Theories of race/ethnicity and crime, the criminal justice system, and social systems including media, politics and economics are examined to form a comprehensive understanding of the social construction of race as it pertains to a racially disproportionate system.
- 3323 Mid-Level Management in Criminal Justice Agencies. (3-0) Introduction and overview of the organizational theories of classical behavioral, and systems management concepts. Included in the course content are analyses of the functions of management in modern CJ organizations, internal and external environmental factors, individual & group dynamics, motivation, and leadership styles. Prerequisites: CJ 1310 and 2310 or 2355.
- 3325 Penology. (3-0) Role of the institution in the process of corrections including the philosophy of imprisonment, the inmate subculture and special problems and programs in institutions. Prerequisite: CJ 1310 and 2355.
- 3329 Forensic Evidence. (3-0) Investigator's role in collecting, preparing and presenting evidence in criminal trials. Special attention will be given to electronic evidence in addition to traditional physical evidence. Prerequisites: CJ 2350 and 2360.
- 3346 Research in Criminal Justice. (3-0) Analysis of criminal justice research, survey methods, and the utilization of research in criminal justice. Prerequisite: CJ 1310, CS 1308 or equivalent and Statistics (CJ 3347, MATH 2328, PSY 3301, SOCI 3307 or equivalent). (WI)
- 3347 Statistics For Criminal Justice. (3-0) The theory and application of statistical inferential techniques, and correlation and regression for behavioral science data and its applications in Criminal Justice. Emphasis is on the collection, analysis, and interpretation of statistical data in criminal justice settings.
- 4301-4302 Internship I and II. (0-6) Field service training in public and private criminal justice agencies at the federal, state and local levels. The internship is designed to provide actual work experience, observation, and analysis in the student's chosen career field. (See departmental information under "Internship"). (WI)
- 4309 Special Topics in Criminal Justice. (3-0) This course is designed to educate students about important emerging, temporal, and evolving crime and justice issues at the local, national, and global levels. Students will gain content knowledge necessary for a broad-based cross-cultural understanding of operational justice in the 21st Century. (MC)
- 4309E Criminal Justice in Southeast Asia. (3-0) This course provides an overview of the systems of policing, criminal courts and criminal procedure, prisons, and non-institutional corrections in the nations of Myanmar (Burma), Laos, Vietnam, Thailand, Singapore, Cambodia, the Philippines, Malaysia, and Indonesia, and critically examines justice-related political, social, cultural, and human rights issues.
- 4310 Special Problems in the Criminal Justice System. (3-0) A study of contemporary problems in administration, management, organization and operation of criminal justice agencies. Prerequisite: CJ 2310, 2350, 2355, 2360 and senior standing. (Capstone Course). (WI)
- 4314 Terrorism in the United States. (3-0) Terrorist groups operating in the U.S. are examined with special emphasis on the far-right (militia, Christian identity, neo-nazi, other racist groups). Analyzed are their belief systems and structures, organizational structure, tactics and targets, and weapons. Future trends are discussed, including the threat posed by nuclear, biological, and chemical terrorism.
- 4316 Treatment in Community and Institutional Corrections. (3-0) A study of community based programs for adult and juvenile offenders, treatment modalities in various correctional settings, administration, legal issues, and future trends associated with community-based and institutional based treatment. Prerequisites: CJ 2355 and 3325.
- 4321 Occupational Crime. (3-0) A study of the problems of organized and upper social status criminal activities with emphasis on statutes and their application to fraud, embezzlement, deceptive trade practices and illegal trade practices.
- 4323 Special Operation Units in Law Enforcement and Corrections. (3-0) This course introduces students to the basic principles of Special Operations Units (SOUs) within criminal justice agencies. Topics include the necessity for such units, the changing nature of communities and policing in America, the principles of crisis management, the development/implementation of SOUs, selection/training/operationalizing of personnel, and types of SOUs.

- 4326 Women and Criminal Justice. (3-0) This course is designed to explore women's involvement in three primary areas of criminal justice-as victims, criminals and practitioners employed in criminal justice agencies. It will analyze the impact of sex and gender on such things as criminological theory, sentencing, prison subcultures victimization and career choices. Prerequisite: junior standing. (MC) (WI)
- 4327 Ethics of Social Control. (3-0) This course is designed to explore moral decision making. Basic moral or ethical frameworks are applied to ethical decision which often need to be made in the criminal justice system. Prerequisite: junior standing. (WI)
- 4329 Organized Crime. (3-0) Survey of organized crime in contemporary society. Includes attention to crime types and methods, motivation, affiliations, and the effects of this type of criminality. Related legal and law enforcement perspectives will be covered, along with international and cyberspace issues. Prerequisite: CJ 1310.
- 4330 Cybercrime. (3-0) This course introduces students to the concepts, technologies, techniques and legal and ethical issues associated with cybercrime, security, and computer forensics. Students will gain knowledge regarding development of national and international computer crime law, crimes unique to computer environments, and traditional crime involving computers and the Internet.
- 4331 Serial Murder. (3-0) This course covers the phenomenon of serial murder and the police investigative response. Theories, concepts, and law enforcement analytic methods are covered in detail. Emphasis is placed on understanding the reality versus the myth of serial murder, serial killers, and criminal profiling.
- 4332 Advanced Criminal Justice Management. (3-0) A critical analysis of the nature of organizations within the criminal justice system. An analysis of theories of organizations and of organizational changes within law enforcement agencies. An examination of the quantitative data gathered by the Criminal Justice System and its effective use and presentation. Prerequisites: CJ 1310 and 2310 or 2355.
- 4340 Crime Theory and Victimization. (3-0) Examination of the causes of crime and crime victimization and competing explanations for crime and the impact of crime on crime victims. This course draws on perspectives advanced by a number of diverse fields of inquiry, for example, biology, psychology, sociology, and the political and economic sciences. Prerequisites: CJ 1310 and 3300. (WI)
- 4350 Contemporary Legal Issues in Law Enforcement. (3-0) An in-depth study of recent developments in criminal law and procedure. Their effects upon the criminal justice agency official in society will be given special attention. Includes specific case studies with emphasis on analyzing factual situations and legal issues. Prerequisites: CJ 1310, and 2310. (WI)
- 4352 Contemporary Legal Issues in Corrections. (3-0) A study of the developing body of law defining the rights and duties of persons confined in penal institutions with equal emphasis on legal issues associated with probationers, parolees, and similar status's within the corrections branch of the criminal justice system. Prerequisite: CJ 1310 and 2355. (WI)
- 4362 Readings in Criminal Justice. (3-0) An individualized readings course tailored to the academic and professional

interests and needs of the student. Emphasis is placed on developing in-depth knowledge of selected criminal justice subjects through directed research. Repeatable for credit with different emphasis. (Permission of instructor is required for course registration.)

- 4363 Independent Studies in Criminal Justice. (3-0) Independent study and research on topics in criminal justice related to a student's primary area of interest. Work may include individual research, critical reviews or integration of existing body of knowledge. Course may be repeated with different emphasis once for credit with approval of department chair.
- 4365 Comparative Criminal Justice. (3-0) A survey of the organizational, administrative and philosophical principles of criminal justice systems around the world. Prerequisite: CJ 1310 and 2310 or 2355. (WI)

School of Family and Consumer Sciences

Family & Consumer Science Building 101
T: 512.245.2155 F: 512.245.3829
www.fcs.txstate.edu

DEGREE PROGRAMS OFFERED

- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Consumer Affairs
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Consumer Affairs (Family and Consumer Sciences Option)
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Consumer Affairs (Teacher Certification in Family and Consumer Sciences, Grades 6-12)
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Family and Child Development
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Family and Child Development (Teacher Certification in Human Development and Family Studies, Grades 8-12)
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Fashion Merchandising
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Interior Design
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Nutrition and Foods
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Nutrition and Foods (Dietetics track)
- Bachelor of Science in Family and Consumer Sciences (BSFCS), major in Nutrition and Foods (Teacher Certification in Hospitality, Nutrition and Food Sciences, Grades 8-12)

MINORS OFFERED

- Consumer Affairs
Early Childhood Intervention
Family and Child Development
Family and Consumer Sciences
Fashion Merchandising

Major in Consumer Affairs

Majors have a choice of three different tracks: Consumer Affairs, Family and Consumer Science, and Family and Consumer Science with teacher certification. Students choosing the Consumer Affairs track study family financial decisions and the role of the consumer in the economy. Students prepare for such careers as business consumer liaisons, consumer advocates, or government agency employees. In the Family and Consumer Science track, students take courses from all areas of Family and Consumer Sciences and select a minor. Graduates seek employment in business, the extension service, and community agencies. The teacher certification option, approved by the Texas Education Agency, certifies graduates to teach Family and Consumer Science in secondary public schools.

Major in Family and Child Development

Majors work in family and child programs, and community agencies. Using an interdisciplinary approach, students focus on human development and relationships across the lifespan. *As a condition for participation in a child development class that requires either observation or participation at the campus Child Development Center, students must undergo a criminal background check and provide verification of an annual TB test. As a condition for placement in an internship site, students must complete a criminal background check and meet any additional requirements set by the internship site.*

Major in Fashion Merchandising

Prepares majors for careers in the merchandising and promotion of fashion goods and services including: apparel, accessories, cosmetics, fragrances, and home furnishings and a variety of other consumer products. Students must complete the required courses for a Business Administration minor.

Major in Interior Design

Prepares students for careers as residential and/or commercial interior designers. The program is accredited by the Council for Interior Design Accreditation (formerly FIDER), the recognized accrediting agency for the discipline. Students learn to communicate their design concepts and to solve design problems.

Major in Nutrition and Foods

Majors study the relationships between the dietary intake of whole foods, processed foods, functional foods and dietary supplements and the health of individuals and populations. Majors prepare for careers in medical nutrition therapy, food service administration, public health nutrition programs, government agencies, private practice, research, and industry. The Dietetics track is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) and also fulfills didactic requirements for Texas licensing. Graduates of this track will receive a Verification Statement and are qualified to apply for post-graduate dietetic internships in pursuit of Registered Dietitian certification.

Family and Consumer Sciences Core

All majors in the school, with the exception of Nutrition and Foods Dietetics Concentration, are required to take FCS 4347.

Bachelor of Science in Family and Consumer Sciences (BSFCS)							
Major in Consumer Affairs							
Minimum required: 120 semester hours							
General Requirements:							
1. In addition to general education and departmental core requirements, this major requires specialized courses in consumer education, family and personal resource management, family finance, consumer law, family financial counseling and family policy.							
2. Students participate in an internship in a related area.							
3. MATH 1316 is not accepted as a prerequisite for courses in some minors.							
4. A minor is required.							
5. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.							
Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CA 1341, 1347	6	ID 2329	3	CA 3342, 4341	6	CA 4342	3
Department Elective	3	CA 3341	3	FCS 4303	3	FCS 3391, 4100, 4301, 4347	10
COMM 1310	3	ACC 2301	3	Minor - 3 hrs advanced	9	FCD 3355 or 4351	3
ENG 1310, 1320	6	Minor	3	ECO 2301	3	FM 4338	3
US 1100	1	ENG Literature	3	ART, DAN, MU, or TH 2313	3	Minor	6
HIST 1310	3	HIST 1320	3	Electives	7	Advanced Department Elective	3
MATH Component	3	Natural Science Component	6				
PHIL 1305 or 1320	3	POSI 2320	3				
POSI 2310	3	Social Science Component	3				
Total	31	Total	30	Total	31	Total	28

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Consumer Affairs

(Family and Consumer Sciences Option)

Minimum required: 120 semester hours

General Requirements:

1. In addition to general education core curriculum and departmental core requirements, the Consumer Affairs major is required to take courses in all areas of Family and Consumer Sciences.
2. Majors participate in an internship in a related area.
3. MATH 1316 is not accepted as a prerequisite for courses in some minors.
4. At least three hours of the electives must be advanced.
5. A minor is required.
6. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
CA 1341	3	CA 1347	3	CA 3341, 3342	6	CA 4341	3
FCD 1351	3	NUTR 2360 or 3362	3	ID 2329	3	CA 4342 or FM 4338 or FM 4302A	3
ID 1321	3	FCD 2351	3	FCD 3355 or 4351	3	FCS 3391, 4100, 4301, 4347	10
NUTR 1362, 1162	4	ENG Literature	3	ART, DAN, MU or TH 2313	3	Minor, advanced electives	9
FM 1332 or 2335	3	HIST 1320	3	COMM 1310	3	Advanced Elective	3
ENG 1310, 1320	6	PHIL 1305 or 1320	2	Minor electives	9		
US 1100	1	POSI 2320	3	Social Science Component	3		
HIST 1310	3	Natural Science Component	6				
MATH 1315 or 1316 or 1319	3	Electives	3				
POSI 2310	3						
Total	32	Total	30	Total	30	Total	28

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Consumer Affairs

(Teacher Certification in Family and Consumer Sciences, Grades 6-12)

Minimum required: 120 semester hours

General Requirements:

1. In addition to general education core curriculum and departmental core requirements, the Consumer Affairs major pursuing Teacher Certification in Family and Consumer Sciences is required to take from 6 to 12 semester hours in each of the following areas: nutrition and foods, family and child development, fashion merchandising, interior design, consumer science, and occupational family and consumer sciences.
2. Students must demonstrate competency in basic clothing construction techniques.
3. Students participate in student teaching for pre-professional experience.
4. No minor is required.
5. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.
6. All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
FM 1332	3	CA 1347	3	FCD 2351, 3355	6	FCS 4301, 4343, 4347, 4681	15
CA 1341	3	FM 2335 or 2334	3	FCD 3394 or CI 3325	3	NUTR 4367, 4167	4
FCD 1351	3	Natural Science	6	CA 3341	3	AG 4311	3
NUTR 1362, 1162	4	COMM 1310	3	FCS 3391	3	AG 4343	3
ENG 1310, 1320	6	ENG Literature	3	NUTR 3362	3	CI 4370	3
US 1100	1	HIST 1320	3	ID 1321, 2329	6	RDG 3323	3
HIST 1310	3	PHIL 1305 or 1320	3	ART, DAN, MU, or TH 2313	3		
MATH 1315 or 1319	3	POSI 2320	3	CI 4332	3		
POSI 2310	3	Social Science Component	3				
Total	29	Total	30	Total	30	Total	31

Bachelor of Science in Family and Consumer Sciences (BSFCS)
Major in Family and Child Development
Minimum required: 120 semester hours

General Requirements:

1. In addition to general education core curriculum and Family and Consumer Sciences core requirements, the Family and Child Development major is required to take specialized courses including infant and toddler development, child development, family life education, creative activities for children, and administration of programs for young children.
2. As a condition for participation in a child development class that requires either observation or participation at the campus Child Development Center, students must undergo a criminal background check and provide verification of an annual TB test.
3. As a condition for placement in an internship site, students must complete a criminal background check and meet any additional requirements set by the internship site.
4. No minor is required; however, Family and Child Development majors may add a minor relevant to their career interests, such as, Social Work, Psychology, or Early Childhood Intervention.
5. MATH 1316 is not accepted as a prerequisite for courses in some minors.
6. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
FCD 1351	3	FCD 2351, 2353	6	FCD 3351 or 3353	3	FCD 3359, 4301, 4351, 4355	12
COMM 1310	3	Department elective	3	FCD 3355	3	FCD 4352 or 4356	3
ENG 1310, 1320	6	ENG Literature	3	FCD 3394	3	FCS 4303	3
US 1100	1	HIST 1320	3	NUTR 3362	3	FCD 2357, or 3350, or 3344, or 3354, or 3356, or 4353	3
HIST 1310	3	POSI 2320	3	CA 1341 or 1347 or 3341; or FM 2335; or ID 2329	3	FCS 4347	3
MATH 1315 or 1316 or 1319	3	Natural Science Component	3	Department elective	3	Electives	8
Natural Science Component	3	Social Science Component	3	ART, DAN, MU, or TH 2313	3		
PHIL 1305 or 1320	3	Elective	6	SOWK 4315 or SPED 2360	3		
POSI 2310	3			Electives	6		
Total	28	Total	30	Total	30	Total	32

Bachelor of Science in Family and Consumer Sciences (BSFCS)
Major in Family and Child Development
(Teacher Certification in Human Development and Family Studies, Grades 8-12)
Minimum required: 121 semester hours

General Requirements:

1. In addition to general education core curriculum and departmental core requirements, the Family and Child Development major pursuing Teacher Certification in Human Development and Family Studies is required to take specialized courses including infant and toddler development, child development, family life education, creative activities for children, and administration of programs for young children.
2. As a condition for participation in a child development class that requires either observation or participation at the campus Child Development Center, students must undergo a criminal background check and provide verification of an annual TB test.
3. As a condition for placement in an internship site, students must complete a criminal background check and meet any additional requirements set by the internship site.
4. Students participate in student teaching for pre-professional experience.
5. No minor is required.
6. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.
7. All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
FCD 1351	3	FCD 2351, 2353, 2357	9	CI 4332	3	AG 4311, 4343,	6
COMM 1310	3	CA 1341	3	FCD 3351, 3353, 3355, 4391	12	CI 4370	3
ENG 1310, 1320	6	ENG Literature	3	CI 3325	3	FCD 4351, 4352, 4355	9
US 1100	1	HIST 1320	3	CA 3341	3	FCS 4301, 4347, 4681	12
HIST 1310	3	POSI 2320	3	FCS 4343	3	RDG 3323	3
MATH 1315 or 1319	3	Natural Science Component	3	NUTR 3362	3		
Natural Science Component	3	Social Science Component	3	SOWK 4315			
PHIL 1305 or 1320	3	ART, DAN, MU, or TH 2313					
POSI 2310	3						
Total	28	Total	30	Total	30	Total	33

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Fashion Merchandising

(with minor in Business Administration)

Minimum required: 120 semester hours

General Requirements:

1. Majors are required to take specialized courses in Fashion Merchandising including culture and consumer behavior, textiles, textile product analysis, fashion buying principles, fashion merchandising, fashion history, fashion merchandising administration, fashion economics, and fashion promotional strategies.
2. Majors participate in an internship in a related area.
3. Courses for a minor in Business Administration are required of all Fashion Merchandising majors.
4. Two years of the same foreign language are required and if not completed in high school, these courses will add to the hours required for this major.
5. Majors must pass all required Fashion Merchandising courses with a "C" or higher.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
FM 1330, 1332, 2335	9	FM 2330, 2334	6	FM 3330, 3332, 3334, and 3335	12	FM 4301, 4334, 4331, 4338, 4339	15
COMM 1310	3	ECO 2301	3	or 3336	3	FCS 4347	3
ENG 1310, 1320	6	ACC 2301	3	Social Science Component	3	Business-Select four from: BLAW 2361;	
US 1100	1	HIST 1320	3	MC 3343 or 3367	3	CIS 3317; FIN 3325; MGT 3303; or	
HIST 1310	3	Natural Science Component	6	ENG Literature	3	MKT 3343	12
MATH 1315 or 1319	3	POSI 2320	3	Department electives	9		
POSI 2310	3	ART, DAN, MU or TH 2313	3	Elective	2		
		PHIL 1305 or 1320	3				
Total	28	Total	30	Total	32	Total	30

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Interior Design

Minimum required: 120 semester hours

General Requirements:

1. Majors must maintain a Texas State GPA of 2.0 in order to graduate.
2. The Interior Design major is required to take specialized courses in interior design including history of furnishings and architecture, residential and commercial interior design, research and programming, professional practices, and portfolio design. Visual communication courses, such as drawing, rendering and CADD, are taken in the School of Art and Design and the Department of Engineering Technology.
3. It is strongly suggested that students consider transferring into the program prior to meeting all general education core curriculum requirements or course options may be limited. The completion of ID major course requirements alone requires a minimum of seven semesters due to strict sequencing, regardless of other credit hours accumulated.
4. Students participate in an internship in a related area. Students are required to have completed ENG 1310, 1320, COMM 1310, MATH 1315 or 1319 in addition to the Interior Design course requirements prior to the internship.
5. Majors must pass all required Interior Design, Art, and Technology classes with a grade of "C" or higher. Any student making a grade of "D" or lower in ID, ART, or CSM courses may not proceed to the next level course until a grade of "C" or higher is achieved.
6. A portfolio review for all Interior Design majors is conducted by the Interior Design faculty immediately upon completion of all ID 2323 course work. The purpose of the review process is to ensure that the most qualified students, evidenced by adequate skill and knowledge levels, will advance in the program. Students must pass portfolio review to proceed to the studio sequence beginning with ID 3322.
7. Two years of the same foreign language are required. If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
ID 1320, 1321, 2321, 2322, 2329	15	ID 2323, 2325, 3220, 3321, 3322, 3324, 3325,	20	ID 3323, 3326, 4323	9	ID 4120, 4301, 4324	7
ARTF 1302, ARTC 2305	6	CSM 2313	3	CSM 4313	3	FCS 4347	3
ENG 1310	3	Elective from: AG 3306 or 4305; ARTS		ART, DAN, MU, or TH 2313	3	MKT 3343, MGT 3303 or 3360,	
US 1100	1	2311, 2331, 2341 or 2381; FM 1332;		Elective from: AG 3306 or		CSM 4368, or ADV ART or ADV	
MATH 1315 or 1319	3	or TH 2330	3	4305; ARTS 2311, 2331,		CSM elective	2-3
		ENG 1320	3	2341 or 2381; FM 1332;		PHIL 1305 or 1320	3
		COMM 1310	3	or TH 2330	3	POSI 2310, 2320	6
				HIST 1310, 1320	6	Social Science Component	3
				Natural Science Component	6	ENG Literature	3
						ARTH Advanced Elective	3
Total	28	Total	32	Total	30	Total	30-31

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Nutrition and Foods

Minimum required: 120 semester hours

General Requirements:

1. In addition to general education core requirements, majors take courses in biology, and specialized courses in food systems, food science, nutritional assessment, physiology and nutrition, wellness and fitness, life span nutrition, and food service management. Course options include medical nutrition therapy, advanced food science, and nutrition and genetics.
2. Majors must maintain a Texas State and major GPA of 2.50 or higher in order to graduate.
3. Majors participate in an externship.
4. A minor is required, and those in biology, business administration, and chemistry are recommended.
5. Two years of the same foreign language are required. If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
NUTR 1362, 1162	4	NUTR 2360, 2361, 2362, 2162	10	NUTR 3367, 3363	6	NUTR 4301, 4365	6
BIO 1330/1130	4	BIO 2430, 2440	8	FCS 3391 or NUTR 4363	3	FCS 4303	3
CHEM 1341/1141 and CHEM1342/1142	8	HIST 1320	3	ART, DAN, MU, TH 2313	3	FCS 4347 or NUTR 4366	3
ENG 1310, 1320	6	PSY 1300 or SOCI 1310	3	Minor	15	NUTR 3366, 3166, 4304, 4360, 4367, 4167, 4362 (choose 9 hours)	9
COMM 1310	3	PHIL 1305 or 1320	3	ENG Literature	3	Minor	3
US 1100	1	POSI 2320	3			Elective	1
HIST 1310	3						
MATH 1315 or 1319	3						
POSI 2310	3						
Total	35	Total	30	Total	30	Total	25

Bachelor of Science in Family and Consumer Sciences (BSFCS)

Major in Nutrition and Foods

(Dietetics Track)

Minimum required: 126 semester hours

General Requirements:

1. In addition to general education core requirements, majors take courses in agriculture, biology, and chemistry, and specialized courses in food science, food systems, food service, management, nutritional assessment, physiology and nutrition, wellness and fitness, lifespan nutrition, biochemical nutrition, functional foods and nutraceuticals, medical nutrition therapy, and nutrition and genetics.
2. Majors must maintain a Texas State and major GPA of 2.75 or higher in order to graduate.
3. Majors participate in an internship.
4. No minor is required.
5. Two years of the same foreign language are required. If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
NUTR 1362, 1162	4	NUTR 2360, 2361, 2362, 2162	10	NUTR 3367, 3363, 3366, 3166, 4365, 4367, 4167	17	NUTR 4301	3
CHEM 1341, 1141, 1342, 1142	8	BIO 2430, 2440	8	CHEM 2330, 2130, 2350, 2150	8	NUTR 4304, 4360, 4361, 4362, 4363, 4366	18
BIO 1330, 1130	4	HIST 1320	3	ENG Literature	3	FCS 4303	3
ENG 1310, 1320	6	PSY 1300 or SOCI 1310	3	ART, DAN, MU, TH 2313	3	AG 3319	3
COMM 1310	3	PHIL 1305 or 1320	3	ACC 2301	3		
US 1100	1	POSI 2320	3				
HIST 1310	3						
MATH 1315 or 1319	3						
POSI 2310	3						
Total	35	Total	30	Total	34	Total	27

Bachelor of Science in Family and Consumer Sciences (BSFCS)
Major in Nutrition and Foods
(Teacher Certification in Hospitality, Nutrition, and Food Sciences, Grades 8-12)
Minimum required: 129 semester hours

General Requirements:

1. In addition to general education core requirements, majors take courses in biology and specialized courses in food systems, food science, nutritional assessment, physiology and nutrition, wellness and fitness, lifespan nutrition, food service management and hospitality.
2. Students participate in student teaching for pre-professional experience and an internship.
3. No minor is required.
4. Two years of the same foreign language are required. If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
5. All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation.

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
NUTR 1362, 1162	4	NUTR 2360, 2361, 2362, 2162	10	NUTR 3367	3	FCS 4301, 4681	9
BIO 1330/1130	4	BIO 2430, 2440	8	NUTR 4167, 4367	4	FCS 4347 or NUTR 4366	3
CHEM 1341/1141 and CHEM 1342/1142	8	HIST 1320	3	NUTR 3363 or 4365	3	FCS 4343	3
ENG 1310, 1320	6	PSY 1300 or SOCI 1310	3	NUTR 4350	3	FM 4338	3
COMM 1310	3	ENG Literature	3	CA 1341, 1347	6	AG 4343	3
US 1100	1	PHIL 1305 or 1320	3	FCD 3394 or CI 3325	3	CI 4370	3
HIST 1310	3	POSI 2320	3	CI 4332	3	RDG 3323	3
MATH 1315 or 1319	3			ART, DAN, MU, TH 2313	3	AG 4311	3
POSI 2310	3			NUTR 4363 or FCS 3391	3		
Total	35	Total	33	Total	31	Total	30

Minor in Consumer Affairs

A minor in Consumer Affairs requires 18 hours, which includes CA 1341, 3341, 3342, 4341, 4342, and 3 hours of electives from courses within the School of Family and Consumer Sciences.

Minor in Early Childhood Intervention

A minor in Early Childhood Intervention requires 18 hours, which includes FCD 2357, 3344, 3356, 4301, and 6 hours selected from CDIS 1331; FCD 2351, 2353, 3351, 4351, 4355; HIM 2360; PSY 3300; SOCI 3327, 3337; SOWK 1350, 2375, 4315; or SPED 2360.

Minor in Family and Child Development

A minor in Family and Child Development requires 18 hours, which includes FCD 1351 or FCD 2351, and FCD 3355, and 12 additional hours of FCD courses, 9 of which must be advanced, selected from: FCD 2353, 2357, 3344, 3345, 3350, 3351, 3353, 3354, 3356, 3358, 3359, 3394, 4301, 4351, 4352, 4353, 4356, 4357 or FCS 4303.

Minor in Family and Consumer Sciences

A minor in Family and Consumer Sciences requires 18 hours, which includes CA 1341 or 3341; FCD 3355 or 3359; FM 1332 or 2335 or 4302A; NUTR 3362; ID 3329; and 3 hours of electives from the School of Family and Consumer Sciences.

Minor in Fashion Merchandising

A minor in Fashion Merchandising requires 18 hours, which includes FM 1330 and 15 hours from: FM 1332, 2330, 2331, 2334, 3330, 3331, 3332, 3334, 4320, 4331, 4337, 4338, 4339, or 4340.

Courses in Consumer Affairs (CA)

- 1341 (ECON 1303) Consumers in the Marketplace. (3-0) This course is an introduction to consumerism. Topics covered include: the consumer's role in the economy; consumer responses to the pressures of the economy (credit, inflation, and savings); and an analysis of the largest consumer expenditures (housing, food, and transportation).
- 1347 Family and Personal Resource Management. (3-0) This course focuses on the analysis of family and personal management processes including resource identification and factors that impact management and decision making. Contemporary issues in the field such as changing family roles, one-parent families, aging, the handicapped, low income families, one-person family and alternate lifestyles will be discussed.
- 3341 Family Finance. (3-0) In this course students will examine personal/family financial management during different stages of the family life cycle. Topics include budgeting/recordkeeping to achieve economic goals, the role of credit and the need for financial counseling; economic risks and available protection; and alternative forms of saving and investments. Prerequisite: CA 1341.
- 3342 Consumer Law. (3-0) This course explores the relationship between consumer laws (federal and state) and policy. Topics include consumer protection legislation which defines the consumer's rights/responsibilities and the appropriate avenues of redress on the part of the consumer. Prerequisite: CA 1341.
- 4341 Counseling for Family Practitioners. (3-0) This course is an in-depth study of the role of the financial counselor. Topics covered will increase awareness and knowledge of the characteristics of persons with financial difficulties, complexity of factors affecting such situations, desirable relationships between the helper and helped, and an awareness of community resources. Prerequisite: CA 3341.
- 4342 Financial Counseling Practicum. (3-0) This course focuses on applying financial counseling and consulting skills consistent with accepting financial counselor roles. Content includes theoretical models of financial counseling. Prerequisite: CA 3342 and 4341.

Courses in Family and Child Development (FCD)

- 1351 Lifespan Development. (3-0) Developmental principles underlying behavior as experienced in physical, intellectual, emotional and social changes across the lifespan. Emphasis will be on adult development.
- 2351 Child Development. (3-1) The development of the total child from conception through adolescence. Observation in Child Development Center.
- 2353 Principles of Guidance. (2-2) Students will examine research, theory, and developmentally appropriate practices related to children's social development and child guidance. Participation in the Child Development Center is required. Prerequisites: FCD 2351.
- 2357 Infants and Toddlers. (2-2) This course will study infants and toddlers in home and group settings. Students will complete case studies and implement Individualized Education Programs based on developmental learning strategies/activities. Directed participation in the Child Development Center is required.

- 3344 Introduction to Infant and Early Childhood Mental Health. (3-0) This course is an introduction to the interdisciplinary understanding of the social and emotional development of infants and young children within the context of the family. The role of the infant mental health specialist in strengthening the development of young children will be emphasized.
- 3345 Methods in Child Life. (3-0) This course focuses on the applied techniques of the Child Life profession. The course will include medical diagnosis terminology, patient assessment, therapeutic techniques and interventions utilized in child life clinical practice.
- 3346 Families in Southeast Asia. (3-0) This course will focus on how children and families negotiate their daily lives in Southeast Asia. Topics will include a broad overview of issues relevant to Southeast Asian children and families in addition to more detailed analysis of the unique experiences of specific ethnic groups.
- 3350 Sexuality Across the Lifespan. (3-0) A study of sexuality development as it relates to current critical issues for families and society.
- 3351 Creative Experiences for Children. (3-1) This course focuses on developmentally appropriate methods, materials, and planning for children's programs through language, literature, music, art, play, social studies, math, and science. Participation in the Child Development Center is required. Prerequisite: FCD 2353.
- 3352 Development of Programs for Young Children. (3-0) The study of group care programs for children including development, implementation and assessment of developmentally appropriate programs. Various theoretical and philosophical components will be included.
- 3353 Family Life Education. (3-0) Study of relationships between core knowledge, educational practice, and audience characteristics in family life education. Translation of research-based knowledge about family life into education materials and presentations suitable for families. Opportunity to develop, implement, and evaluate a family life education presentation. Prerequisites: FCD 2353 and 3355. (WI)
- 3354 Creative Experiences: Science and Math. (3-1) The application of methods, materials and planning in the development of curriculum for the preschool child through math, science, nutrition and outdoor play. Participation in Child Development Center required. Prerequisite: FCD 2353 or approval of instructor.
- 3355 Family Relationships. (3-0) This course will cover a broad range of research-based topics including the universality and uniqueness of American families, the establishment and maintenance of intimate relationships, family formation and parenthood, and various other aspects related to individual and family relationships over time.
- 3356 Introduction to Early Childhood Intervention. (3-0) This course provides an interdisciplinary orientation to the professional discipline of early childhood intervention and the early intervention specialist. (MP)
- 3358 Practicum in Child Development. (1-4) Structured practical experience in child development center. Prerequisites: FCD 2353, 2357, and 3351 or approval of instructor.
- 3359 Family Diversity. (3-0) This course will explore both the internal dynamics and external environments of diverse

family forms — including prevalence, social conditions leading to and sustaining their existence, common stereotypes, and recent research. Prerequisite: FCD 3355.

- 3394 Adolescent Development. (3-0) Students will study adolescence as it relates to current critical issues for families and society. The course will focus on specific techniques to analyze and assist the development of adolescents. Emphasis will be on theory and research as they explain the developmental process.
- 4301 Internship in Family and Child Development. (0-6) Internship program in Family and Child Development – related professions, services, industry, or business. Must meet college, department, and program requirements. (WI)
- 4302 Special Topics in Family and Child Development. (3-0) Designed to examine special topics in family and child development. Emphasis on current research in the field.
- 4351 Cultural Diversity of Families. (3-0) Students will study cultural diversity with an emphasis on different racial and/or ethnic groups, religions, and social classes. Students will explore selected family science research methods and topics including family function, family life patterns, multicultural groups, agents of enculturation, and family life education as they relate to cultural diversity. Prerequisite: FCD 3355. (MC) (WI)
- 4352 Administration of Programs for Children. (3-0) Addresses the history, philosophy, and ethics of programs for young children. Emphasis on responsibilities of the child care administrator in relation to staff, budgets, facility laws, and standards of agency management. Prerequisite: FCD 2353 or approval of instructor.
- 4353 Hospitalized Child: Introduction to Child Life. (3-0) This course introduces students to theoretical and practical methods of working with children and their families in health care settings.
- 4355 Family Interaction. (3-0) Study and comparison of family interaction and process across various family structures and transitions. Investigation of interaction strategies to enhance successful family function across various family structures and transitions. Prerequisite: FCD 3355 or approval of instructor.
- 4356 Administration of Human Service Organizations. (3-0) Students will study the implementation of non-profit family and child development programs. Emphasis will be on the leadership and management of human service organizations including program staffing, strategic planning, problem solving, grant writing, and ethical leadership. Prerequisite: FCD 2353 and FCD 3355.
- 4357 Comparative Studies in Child Development. (3-0) The study of early care and education systems including goals, funding and regulation through participation in international exchange programs. The role of government policies in the development and implementation of systems will be addressed.
- 4391 Independent Study in Family and Child Development. (0-6) Independent reading and/or research on a specific topic related to student's primary area of interest. Work may consist of research, reviews and integration of existing literature, or other appropriate independent work. May be repeated once for credit with approval of instructor. (WI)

Courses in Family and Consumer Sciences (FCS)

Many of the subject-matter courses in Family and Consumer Sciences are open to non-majors as electives.

- 3391 Communication Skills and Techniques. (2-2) Analysis of factors that influence program planning and application of program development to planning for groups or individuals with differing purposes and organizational structure. Planning, developing, and implementing the use of alternative media and methods: the use of audio-visuals; demonstration techniques; radio; and television. Emphasis on methods for use with adults.
- 4100 Professional Preparation in Family and Consumer Sciences. (1-0) Family and Consumer Sciences in the professional world and continuing education. Opportunities, interviews, and professional ethics. Development of credentials and portfolios. Required of all seniors majoring in FCS with selected minor and Consumer Science majors.
- 4101 Special Problems in Family and Consumer Sciences. (1-0) A study of selected areas of Family and Consumer Sciences. Repeatable for credit with different emphasis.
- 4301 Internship in Family and Consumer Sciences. (0-6) Internship program in Family and Consumer Science-related professions, services, business, or industry. Must meet college, department and program requirements. Repeatable for credit with different emphasis. (Capstone Course) (WI)
- 4303 Research Procedures in Family & Consumer Sciences. (3-0) The study and implementation of research procedures for use with family and consumer sciences programs. Includes instrument selection, recruitment and testing of subjects, coding, analysis and dissemination of data. Will include field based experiences using appropriate research procedures. (WI)
- 4340 International Study in Family & Consumer Sciences. (3-0) Study of Family and Consumer Sciences topics in international settings. Emphasis will be placed on cultural awareness and its application within FCS professions. Repeatable for credit with different emphasis. (MC) (WI)
- 4343 Occupational Education in FCS. (3-0) Its purpose is to help prepare students for teacher certification and teach occupational education content in 11-12 grade FCS classrooms. Occupational education course in 11-12 grades such as Services for Older Adults, Hospitality Services, Childcare and Guidance and Food Production, management and services are designed for students to gain extensive management skills and practical work experience.
- 4347 Family Policy. (3-0) This course is an examination of policy-making and the significance of national, state and local policies that affect families. Students will analyze social policies, including government programs and legislation, and discuss how to influence change in policies. Use of the Internet and computer software programs such as Word, PowerPoint, and others required. Requires Senior Standing. (WI)
- 4391 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. (WI)
- 4681 Family and Consumer Sciences: Principles and Process. (0-6) Observation and participation in the total family

and consumer science program. Requires a full day in the Teaching Center for ten weeks (five day week except for holidays in public school system). Prerequisites: FCS 3390 and completion of all required Family and Consumer Sciences courses.

Courses in Fashion Merchandising (FM)

1330 (HECO 2311) Introduction to Fashion Merchandising. (3-0) Survey of the fashion industry including an overview of the development, production and distribution of fashion goods and services.

1332 (HECO 1320) Textiles. (3-0) A consumer-oriented study of the relationship of fibers, fabrics, and textile product end-uses.

2330 Fashion Promotional Strategies I. (3-0) The study of promotional strategies unique to the fashion industry. Emphasis is placed on techniques used at the retail level. Prerequisite: FM 1330.

2334 Textile Product Analysis. (3-0) The study of textile product quality control issues important to manufacturers, retailers, and consumers. Emphasis is placed on evaluating quality based on appearance, cost, durability, and end-use of textile products. Prerequisites: FM 1330 and 1332.

2335 Gender, Appearance, and Society. (3-0) The investigation of the role of dress and appearance in nonverbal communication, development of the self and gender identity, and social interactions of individuals with a particular emphasis on diverse appearances by various cultural groups.

3330 Fashion Buying Principles I. (3-0) Quantitative concepts used in merchandising fashion goods with an emphasis on profitability. Prerequisites: FM 1330, MATH 1315 or 1319.

3332 Fashion Promotional Strategies II. (3-0) The study of promotional strategies unique to the fashion industry. Emphasis is placed on techniques initiated by manufacturers and wholesalers of fashion products. Prerequisites: FM 2330.

3334 Fashion Merchandising Administration. (3-0) The study of human resource management in the fashion industry including recruitment, development, assessment, and compensation. Prerequisite: FM 1330.

3335 Pre-history to Renaissance Textiles, Dress and Adornment. (3-0) Survey of textiles, dress and adornment from pre-history through the ancient Eastern and Middle Eastern cultures to the development of Western civilization ending with the Northern Renaissance. (MP)

3336 Baroque to Modern Western Dress and Adornment. (3-0) Chronological study of Western dress and adornment from the Baroque period through modern times. Emphasis on the socio-economic, political, and technological factors contributing to the evolution of fashion.

4101 Special Problems in Fashion Merchandising. (0-2) A study of selected areas of Fashion Merchandising. Repeatable for credit with different emphasis.

4111 Specialty Fashion Markets: Career Day. (1-0) On-site study of current textile, merchandising, retail and promotional trends and fashion career related topics. Prerequisite: FM 1330 and 1332.

4122 Special Events: Fashion. (1-0) The study of all facets involved in planning, organizing, and implementation of a fashion related special event. Prerequisite: FM 2330.

4301 Internship in Fashion Merchandising. (0-6) This course provides an internship program in fashion merchandising-related professions focused on production, distribution, or retailing of fashion goods, or auxiliary services. Repeatable for credit once. (WI)

4302 Special Topics in Fashion Merchandising. (3-0) An in-depth study of selected topics or emerging issues of particular relevance to Fashion Merchandising professionals. Course may be repeated for credit with a different emphasis

4302A Special Events Planning. (3-0) An in-depth study of selected topics and emerging issues related to the planning of special events. Emphasis will be on planning, organizing, implementing and evaluating special events.

4302B Specialty Fashion Markets. (3-0) An in-depth study of specialty fashion markets including historic background; significance of the market; terminology; product assortment, development, production and distribution; and trend analysis.

4302F Trend Forecasting and Social Media. (3-0) This special topics course in Fashion Merchandising will focus on specific methods for forecasting fashion trends and the role of social media in the diffusion of fashion trends.

4320 Fashion Merchandising in Domestic Markets. (3-0) An on-site study of domestic fashion market centers. Course examines the design, production, and distribution of fashion products and services at various market levels. Repeatable for credit with different emphasis.

4331 Fashion Buying Principles II. (3-0) A study of the roles and responsibilities of fashion merchandise buyers. Emphasis on retail buying functions, including developing merchandise plans, selecting products, negotiating terms, and monitoring performance. Prerequisite: FM 3330. (WI)

4334 Fashion Product Development. (3-0) The course will focus on fashion product development for target markets. Emphasis of the course will be placed on line development, product specification, color and textile selection, sizing and product costing. Prerequisites: FM 2330, 2334, and 2335.

4335 Principles of Fashion Consumption. (3-0) An analysis of variables, concepts and theories related to the role of the consumer in fashion and fashion product consumption. Prerequisite: FM 2335.

4337 Fashion Merchandising. (3-0) The study of managerial decisions in fashion retailing with an emphasis on operational issues. Prerequisites: FM 1330, 2330, 3330, and 3334, or consent of instructor.

4338 Enterprise Development. (3-0) Principles and procedures used in creating successful enterprises to meet consumer demand, including consumer research, logistical issues, and strategic planning. Examines various product and service offerings in traditional and non-traditional outlets. Prerequisites: ID 3323 or FM 3330.

4339 Fashion Economics. (3-0) Economic perspective of textile products, production and global sourcing with emphasis on U.S. fashion industries. Prerequisite: FM 1330, 1332, and ECO 2301 or 2314 and 2315. (WI)

4340 Fashion Merchandising in International Markets. (3-0) Study of Fashion Merchandising topics in international settings. Emphasis will be placed on market differences and cultural awareness, and the implications within Fashion Merchandising professions. Repeatable for credit with different emphasis. (MC)

4391 Independent Study in Fashion Merchandising. (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. May be repeated once for credit with approval of instructor. Prerequisites: FM 1330 and consent of instructor. (WI)

Courses in Interior Design (ID)

1320 Design Graphics I. (0-6) Specialized training in manual graphic communication required in the interior design profession. Includes architectural drafting, illustrative sketching, design diagramming and schematics, and basics of orthographic and perspective drawing. Emphasizes both technical and aesthetic expression. Prerequisite: Interior Design majors only or consent of instructor.

1321 Introduction to Design. (1-4) Elements and principles of design as applied to the individual and his/her environment.

2321 History of Interiors. (3-0) Survey of historical styles of furnishings, architecture, and interiors from the Egyptian period to the Industrial Revolution.

2322 Basic Interior Design. (3-0) This course is an introductory lecture course for Interior Design majors, analyzing the elements and principles of design as applied to interior environments. The fundamentals of professional requirements, human factors, space planning, properties and applications of interior materials and systems, and components of style will be emphasized. Prerequisites: ID 1320, 1321, and ARTF 1302; all prerequisites with at least a grade of C.

2323 Design Development. (0-6) This course is an introduction to the process of design development and planning of interior space with an emphasis on graphic visualization as a creative process and design tool. Prerequisite: ID 2322. Pre or corequisite: ID 2321; all prerequisites with at least a grade of C.

2325 Materials and Sources. (3-0) This course is an in-depth study of materials and finishes specified for residential and commercial interiors. Material properties, fabrication, installation methods, applications, sustainability, maintenance requirements and sourcing are addressed. Prerequisites: ID 2322 and 2329 with grades of "C" or higher.

2329 Housing and the Environment. (3-0) Introduction to environmental factors related to human habitation. Investigates housing from global, ecological, social, physical, and spatial perspectives. Includes principles of sustainable resources, energy management, structural and mechanical systems, and interior materials and finishes. For Interior Design majors only or consent of instructor. (MC)

3220 Design Graphics II. (0-4) In this course students are exposed to various techniques of computer integration in the design environment with special emphasis on augmentation of the design process and presentation methodologies using digital media. Prerequisite or corequisite: ID 2323 with at least a grade of C.

3321 Contemporary Interiors and Architecture. (3-0) A survey of contemporary styles of furnishings, architecture, and interiors from the 19th century to the present. Prerequisite: ID 2321 with grade of "C" or higher. (WI)

3322 Studio I: Residential Interior Design. (0-6) This course is the beginning studio experience which introduces students to

various dimensions, purposes, and characters relative to the small and large residential spaces. Prerequisites: ID 2321, 2322, 2323, 2329; ARTC 2305. Corequisite: ID 3325 or 3326. Prerequisite or co-requisite: ID 2325; all prerequisites with at least a grade of C.

3323 Studio II: Commercial Interior Design. (0-6) This course focuses on the analysis, planning, design and furnishing of small to moderate commercial and other non-residential spaces. Topics include design programming, the design development process, simple contract document preparation and visual and verbal presentation methods. Prerequisites: ID 2325, 3322; CSM 2313. Corequisites: ID 3325 or 3326, and ID 3220; all prerequisites with at least a grade of C.

3324 Professional Practices. (3-0) A study of the business principles, ethics, and procedures for the interior designer. Prerequisite or co-requisite: ID 3322. (WI)

3325 Interior Lighting Design. (3-0) The study of natural and manufactured light sources relative to the interior environment. Emphasis is on light science and technology and the effects on health, behavior, color and form. Includes issues of aesthetics, energy conservation, codes, evaluation, and specifications. Prerequisites: ID 2322, 2323 and 2329 with grades of "C" or higher, or consent of instructor.

3326 Comprehensive Interior Design. (3-0) Advanced study of materials, systems, codes and other factors relating to public health, safety, and welfare in interior environments. Lecture and application of resources, materials and design technologies. Addresses specifying, scheduling, budgeting, and resource conservation. Prerequisites: ID 2322, 2323 and 2329 with grades of "C" or higher, or instructor consent.

3329 Housing, Interiors, and Furnishings. (3-0) An application of the basic design principles in planning, designing, and furnishing interiors for contemporary living to reflect function, economy, beauty, and individuality for varying income levels. For non-Interior Design majors only.

4101 Special Problems in Interior Design. (0-2) A study of selected areas of Interior Design.

4120 Portfolio Design. (0-2) Portfolio preparation and production for seeking employment with design firms. Includes instruction on graphic and publication design, business structures and portfolio strategies. For graduating interior design majors. Prerequisites: ID 3220, 4323 with grades of "C" or higher.

4220 Portfolio Development. (0-4) Focuses on portfolio development in preparation for the workplace. Addresses principles of visual and verbal communication, portfolio content and presentation techniques. Requires upgrading and archiving of studio projects, and investigating alternative presentation methods. Prerequisite: ID 4323.

4301 Internship in Interior Design. (0-6) Internship experience in the Interior Design profession. Must meet college, department, and program requirements. (Capstone Course) Prerequisites: ID 3321, 3323, 3324, 3325, 3326. (WI)

4302 Special Topics in Interior Design. (3-0) Designed for Interior Design majors to thoroughly research a selected topic or emerging issue. Allows students the opportunity to specialize in an area that is not ordinarily covered in the requirements of the major.

4302A Historic Preservation. (3-0) Introduction to the field of

- historic preservation, including history, theory, planning, advocacy, law, conservation, and adaptive use, emphasizing the Secretary of the Interior's Standards for Rehabilitation. Students combine design and technical knowledge to approach historical design problems in creative, sensitive, and economical ways. Prerequisites: ID 2321, 3321, 3322.
- 4302B Digital Interior Design. (2-2) Exploration of computer technology resources, including CADD and three dimensional modeling programs, for the solution of interior design problems. Emphasis on the integration of technology as part of the design process as well as the production of presentation graphics and drawings. Prerequisites: ID 3322, TECH 2313 or consent of instructor.
- 4302C Lighting Research and Applications. (3-0) An in-depth study of light and color and its impact on people's behavior in interior environments.
- 4302D Manual Design Graphics. (3-0) Introduces illustrative sketching, three-dimensional graphics and rendering techniques of interiors. Prerequisites: ARTF 1302, ID 1320 and ID 1321.
- 4302E Interior Design – Critique. (3-0) Qualitative assessment of the built environment; specifically Interior Design. Basic research methodologies will be introduced. Existing critical design analysis will be studied to develop a design-analysis rubric. Site visits to conduct design analysis and written critique of a selected regional project are required. Prerequisites: ID 2323 or consent of instructor.
- 4302F Color Theory and Design Applications. (3-0) An introduction to color theory and principles with a fundamental understanding of the psychological and physiological effects color has on human perception. Characteristics of major hues which influence design and behavior and how to use, design, and apply color in the creative process will be studied.
- 4320 Interior Design in Domestic Markets. (3-0) An on-site study of domestic design market centers. Course examines the design, production, and distribution of interior products and services at various market levels. Repeatable for credit with different emphasis.
- 4323 Studio III: Research and Advanced Design. (0-6) This course exposes students to specialized research in and application of factors impacting the interior environment. The topics covered include design programming, advanced space planning, finish selection/specifying, furnishings design and detailing, and presentation strategies through creative problem-solving and expanded contract document preparation. Prerequisites: ID 3321, 3323, 3325, 3326, and 2325; CSM 4313; all prerequisites with at least a C grade. (MC)
- 4324 Studio IV: Contemporary Design Issues. (0-6) This course requires students to conduct specialized research in interior design to include design issues such as barrier free environments, medical facilities, historic preservation/adaptive reuse, international interiors, energy issues, sustainable design and design for special needs. Prerequisites: ID 2325, 3321, 3323, 3325, 3326, and 4323; CSM 4313; all prerequisites with at least a C grade.
- 4340 Interior Design in International Markets. (3-0) Study of Interior Design topics in international settings. Emphasis will be placed on market differences and cultural awareness,

and the implications within Interior Design. Repeatable for credit with different emphasis. (MC)

- 4391 Independent Study in Interior Design. (0-6) Independent reading and/or research on a specific topic related to student's primary area of interest. Work may consist of research, reviews, and integration of existing literature, or other appropriate independent work. May be repeated once for credit with approval of instructor. (WI)

Courses in Nutrition and Foods (NUTR)

- 1162 Food Systems Laboratory. (0-2) This course provides for application of the management techniques and concepts of planning, preparation, cost analysis, and evaluation covered in NUTR 1362. Pre or Co-requisite: NUTR 1362.
- 1362 Food Systems. (3-0) Nutrition, food science, and management principles in planning, procuring, preparing, preserving, evaluating, and serving food to fulfill dietary requirements of individuals and diverse cultural groups. Includes federal legislation, environmental issues, and culinary principles. Pre or Co-requisite: NUTR 1162.
- 2162 Food Science Laboratory. (0-2) Students engage in laboratory techniques and exercises related to food, chemistry, microbiology, nutrition, food palatability, and food safety. Prerequisite: NUTR 2360 with grade of C or higher. Co- or prerequisite: NUTR 2362.
- 2360 (BIOL 1322) Nutrition Science. (3-0) The science of human nutrition with emphasis on nutrient digestion, absorption, and excretion; nutrient metabolism, requirements, and sources. Prerequisite: Three semester hours of science.
- 2361 Nutritional Assessment. (3-0) This course teaches the principles and techniques of assessing nutritional status, presents interviewing and nutrition counseling theories, development of individualized treatment plans and educational tools, and accessing community nutrition resources. Practical application is provided through assignments and in-class experiences. Prerequisites: NUTR 1362, 2360 with grades of C or higher.
- 2362 Food Science. (3-0) Students learn the scientific principles underlying the relationships among food, chemistry, microbiology, nutrition, and food safety as related to the major food groups. Prerequisites: 3 hours of chemistry or biology coursework; Prerequisite: NUTR 2360 with grade of C or higher. Co- or prerequisite: NUTR 2162.
- 3166 Advanced Food Science Laboratory. (0-2) This lab teaches different techniques and protocols used in physical, chemical, colorimetric, spectrophotometric, molecular, and microbiological analysis of food components and assessment of food quality, stability, and safety. Different bioprocessing techniques to improve the quality of food will also be performed. Prerequisites: NUTR 2362, 2162, 3367 with grades of C or higher. CHEM 1341, 1342: Co- or prerequisite: NUTR 3366.
- 3362 Nutrition and Health. (3-0) For non-science majors. Involves the study of the nutrients and their function in promoting health throughout the life span. Includes standards for consumer selection of a proper diet and analysis of nutrition-related health problems.
- 3363 Nutrition for Wellness and Fitness. (3-0) Students will study the causes and treatment of overweight and obesity and the

- effects of dietary and lifestyle choices on attainment and maintenance of health and prevention of chronic diseases. Basic exercise physiology is introduced and dietary recommendations for sports, fitness and prevention of eating disorders are also presented. Prerequisites: NUTR 2361 and NUTR 3367; BIO 2430 or BIO 2451 and 2452, all prerequisites with grades of C or higher. (MC/MP)
- 3364 The Science of Nutrition and Exercise. (3-0) This course focuses on basic nutritional science, with emphasis on the physiological and biochemical importance of nutrition to physical performance, health, and fitness. The use and efficacy of ergogenic aids will be investigated. The course requires reading and interpreting the scientific literature. **Restricted to students majoring in Athletic Training, Exercise Sports Science, Family and Consumer Sciences, Health & Fitness Management, or Health & Wellness Promotion.**
- 3366 Advanced Food Science. (3-0) This course examines the chemistry, morphology, and compartmentalization of cellular components of food; the effect of storage and processing on molecular levels of food quality; the kinetic behavior, activity, and stability of food enzymes and microbes, and their effect on food quality and safety. Prerequisites: NUTR 2362, 2162, 3367 all with grades of C or higher, CHEM 1341, 1342; Co- or prerequisite: NUTR 3166.
- 3367 Nutrition and Physiology. (3-0) This course integrates the study of nutrition with other biological sciences, focusing on cellular and molecular physiological processes related to digestion, absorption, transport, and metabolism of nutrients and other dietary components. Prerequisites: NUTR 2360 and 2361; and 3 hours of biology all with grades of C or higher; and CHEM 1341/1141, 1342/1142.
- 4101 Special Problems in Nutrition and Foods. (0-2) 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. May be repeated once for credit with approval of instructor.
- 4167 Food Systems-Production & Management Laboratory. (0-2) This course provides for the application of the management techniques and concepts of institutional food production covered in NUTR 4367. Prerequisites: NUTR 1362, 2360 with grades of C or higher; Pre- or corequisite: NUTR 4367.
- 4301 Career Exploration in Nutrition and Foods. (0-6) Students engage in applied experience under the supervision of a professional mentor in nutrition and foods-related professions, services, businesses, and/or research. Prerequisite: must meet college, department and program requirements. WI (Capstone Course).
- 4302 Special Topics in Nutrition and Foods. (3-0) An in-depth study of selected topics or emerging issues of particular relevance to nutrition and food science professionals. Course may be repeated for credit with a different emphasis.
- 4302C Micronutrients. (3-0) A study of the biochemical and physiological foundations of nutrition. Information pertaining to biochemical structure, metabolism and physiological regulation of minerals and fat-soluble vitamins. Prerequisites: NUTR 2360 and 3365; Co-requisite: CHEM 2450.
- 4302E Community Nutrition. (3-0) A study of community nutrition programs addressing food insecurity, prevention and treatment of chronic diseases, and health promotion among special populations, including maternal, infant, child, adolescent and older adults. Review of national and international healthcare systems; program planning incorporating evidence-based intervention strategies. Prerequisite: NUTR 2360 or NUTR 3362; NUTR 4365.
- 4304 Functional Foods and Nutraceuticals. (3-0) This course introduces students to functional foods, nutraceuticals and dietary supplements used to prevent and treat diseases. Emphasis is placed on sources and mechanisms of action of dietary bioactives and addresses regulatory issues that govern the development and commercialization of these compounds. Prerequisite: NUTR 3367 with grade of C or higher.
- 4350 Hospitality. (3-0) Focus on the principles underlying operations in the hospitality industry. Concepts include residential and lodging operations, guest expectations, food, beverage, and maintenance services, promotions, budget control, personnel and security.
- 4360 Medical Nutrition Therapy. (3-0) This course explains the physiological and biochemical abnormalities of human disease states with emphasis on diet modification as a therapeutic measure. Prerequisites: NUTR 3367; BIO 2430 or BIO 2451 and 2452, all with grades of C or better; and NUTR 4365 with a grade of D or better. (WI)
- 4361 Biochemical Nutrition. (3-0) Students study the biochemical and physiological foundations of nutrition. Information pertaining to cytology, biochemical structure of nutrients, energy transformations, nutrient-drug interactions, and the anatomy, physiology, and nutrient metabolism of major organ systems is covered. Prerequisites: NUTR 3367; BIO 2430 or BIO 2451 and 2452, all with grades of C or better; and NUTR 4365 with grade of D or better. Pre- or co-requisite: CHEM 2350 and 2150, or CHEM 3375, or CHEM 4375. (WI)
- 4362 Nutrition and Genetics. (3-0) This course will examine the specific processes in intermediary nutrient metabolism and their genetic regulation. The effects of nutrients on gene expression, cell signaling, cell physiology, and disease processes will also be explored. Prerequisites: NUTR 3367; BIO 2430 or BIO 2451 and 2452; and BIO 2440 or 2400, all with grades of C or higher.
- 4363 Nutrition Counseling and Education. (3-0) Study of teaching/learning styles and development of counseling skills to improve the nutritional status of individuals, families, and groups. Development of effective nutrition education materials and media communications. Prerequisites: NUTR 2361 with a grade of "C" or higher, and NUTR 4365.
- 4365 Nutrition in the Life Span. (3-0) This course provides for the in-depth study of the normal growth, development, and nutritional requirements associated with pre-pregnancy, pregnancy, infancy, childhood, adolescence, and the older adulthood. Prerequisites: NUTR 3367; BIO 2430 or BIO 2451 and 2452, all prerequisites with grades of C or higher. (WI)
- 4366 Ethics and Policy in Nutrition. (3-0) This course addresses the influence of government, interest groups, media, and industry on nutrition policy decisions, public and private funding, nutrition education, the food supply and food

- choices, and includes discussion of ethical considerations that have an impact on public health. Prerequisites: NUTR 1362 with a grade of “C” or higher, and NUTR 4365. (WI)
- 4367 Food Systems-Production & Management. (3-0) Students study the principles, policies, and procedures for planning, procurement, staffing, production, evaluation, and research in institutional food service. Topics include systems design, decision hierarchy, organizational structure, and personnel selection, training, and management. Prerequisites: NUTR 1362, 2360 with grades of C or higher; Pre- or corequisite: NUTR 4167.
- 4391 Independent Study in Nutrition and Foods. (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. May be repeated once for credit with approval of instructor. (WI)

Department of Military Science

ARMY RESERVE OFFICER TRAINING CORPS

Adamson Building 104
 T: 512.245.3232 F: 512.245.3264
www.txstate.edu/armyrotc

MINOR OFFERED Military Science

The Army Reserve Officer Training Corps (AROTC) Program at Texas State is designed to develop the professional skills vital to Army officers. The purpose of the program is to qualify students for a commission in the U.S. Army, U.S. Army Reserve, or Army National Guard.

The freshman and sophomore years of AROTC are called the Basic Course, and the junior and senior years are called the Advanced Course. Entry into the Basic Course requires no formal application; however, an interview is advisable because the student may be eligible for advanced placement. Registration is accomplished at the same time and in the same manner as for other college courses. Enrollment in the Basic Course does not confer any military status or commitment upon the cadet. Successful completion of, or constructive credit for, the Basic Course is necessary before progressing to the Advanced Course.

Students entering the Advanced Course should have two academic years remaining at Texas State. Coordination should be made with the Professor of Military Science well in advance of anticipated enrollment in order to allow adequate time for application processing. A student may meet some prerequisites as a result of prior military training, ROTC training with any service, or successful completion of the AROTC Leader’s Training Course. An interview is advisable in order to determine if a student meets any of the above prerequisites.

Students in the Advanced Course attend a summer course at Fort Lewis, Washington between their junior and senior years. The purpose of this course is to evaluate the cadets’ performance in leadership positions while giving them practical field experience in a military environment.

Textbooks and materials for military science classes are furnished without cost to the student.

Some cadets are eligible to participate in the Simultaneous Membership Program, which allows them to serve in the National Guard or Army Reserve concurrently with AROTC. The Department of Military Science should be consulted for additional information regarding this program.

Army scholarships are available on a competitive basis to cadets enrolled in AROTC. These scholarships pay 100% of tuition and fees or room and board, plus a \$600 allowance per semester for books and necessary supplies. All scholarship cadets also receive the following tax-free stipend per month: freshmen, \$300.00; sophomores, \$350.00; juniors, \$450.00; and seniors, \$500.00. Eligible non-scholarship cadets who sign an AROTC contract may begin receiving the stipend during their sophomore year.

Opportunities to attend Airborne, Air Assault, and other service schools are available to eligible cadets on a competitive basis.

Pursuant to Texas Education Code 51.302, up to three semester hours of credit in an upper-level ROTC course may be applied to the core curriculum history requirement (HIST 1310 or 1320) and up to three hours to the core curriculum government requirement (POSI 2320 only).

All AROTC cadets are required to attend a weekly 90-minute leadership laboratory. This gives them an opportunity to practice basic military skills and the art of leadership.

Minor in Military Science

A minor in Military Science requires 23 hours, which includes MS 1211, 1212, 2211, 2212, (or placement credit given for completing basic training or the Leader’s Training Course) 3311, 3312, 4311, 4312 and one course in Military History. To be eligible to take courses 3311, 3312, 4311, or 4312 (advanced course), students must sign a contract to enter the U.S. Army, Army Reserve, or Army National Guard. Students must be medically, morally, and physically qualified and receive permission from the department chair. MS 4312 also requires that cadets qualify for an U.S. Army officer commission by submitting to and passing a thorough background investigation to obtain a Secret Security clearance.

Courses in Military Science (M S)

- 1000 Leadership Laboratory. (0-1) This course concentrates on practical leadership training. Must be taken concurrently with all other MS courses. Repeatable for credit with different emphasis.
- 1211 Foundations of Officership. (2-0) This course introduces the Army profession and the role of the commissioned officer. It

Department of Occupational, Workforce, and Leadership Studies (OWLS)

Pedernales Building
T: 512.245.2115 F: 512.245.3047
<http://www.owls.txstate.edu>

DEGREE PROGRAM OFFERED

Bachelor of Applied Arts and Sciences (BAAS), major in Applied Arts and Sciences

The BAAS is a nontraditional program designed to allow adult students to earn a degree with a major in an individualized academic area. In addition, it allows adults to assist in the choice of courses that would complement their career goals. The following are unique characteristics of the BAAS:

- Delivery of academic courses may be at nontraditional times, locations other than the parent campus, and via the internet.
- Academic course work is individualized to meet student needs, but course work does not duplicate an existing traditional academic program.
- Work-life credit may be awarded for competencies gained through employment.
- The major for the BAAS is Applied Arts and Sciences and for purposes of calculation of the major GPA, the 21 hours taken in the Professional Development will be utilized.
- Numerous methods for attainment 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 30 hours of resident courses with Texas State.
- Students choosing the BAAS program through the Occupational, Workforce, & Leadership Studies program must complete 30 hours of residence credit with Texas State in order to be awarded the degree.
- Students who have earned at least 54 semester hours at Texas State are eligible to graduate with honors if they have a minimum Texas State GPA of 3.40.
- Due to individualization and the unique nature of the degree requirements, students should consult the OWLS website, and attend an undergraduate information session.
- The department has specialized Career and Technology Education courses for those who desire to perform training/development in the work place or be certified in technical areas within the public school.

focuses on leadership, ethics and military customs as well as practical skills like physical fitness and stress management. Students must enroll in MS 1000 concurrently.

- 1212 Basic Leadership. (2-0) This course is designed to broaden the introduction to the Army and the skills needed to be a successful Army officer. It focuses on leadership, communication and problem solving as well as nutrition and personal development. Students must enroll in MS 1000 concurrently.
- 2211 Individual Leadership Studies. (2-0) This course is designed to develop the student's self-confidence, leadership skills and problem solving abilities. It focuses on critical thinking, communication and conflict resolution skills.
- 2212 Leadership and Teamwork. (2-0) This course focuses on self-development guided by group processes. Experiential learning activities are designed to challenge current beliefs, knowledge and skills. This course also provides equivalent preparation for the ROTC Advanced Course and the Leaders Training Course.
- 2313 American Military Studies and Battle Analysis. (3-0) This course is designed to study Military History as it applies to the principles of war and current military doctrine. Students will analyze historical battles and lessons learned and apply them to the modern battlefield. (WI)
- 3311 Leadership and Problem Solving I. (3-0) This course is designed to enable a student without prior military experience to rapidly integrate into the cadet battalion and perform successfully. Key elements are introduction to physical fitness, how to plan and conduct training, basic tactical skills and military reasoning.
- 3312 Leadership and Problem Solving II. (3-0) This course is designed to enable a student without prior military experience to rapidly integrate into the cadet battalion and perform successfully. Key elements are introduction to physical fitness, how to plan and conduct training, basic tactical skills and military reasoning.
- 4311 Leadership and Management. (3-0) This course is designed to help cadets make informed career decisions and it continues their education in Army operation, training management, communications and leadership. (WI)
- 4312 Officership. (3-0) This course focuses on completing the transition from cadet to lieutenant. It includes a basic foundation of military law, skills and information on leadership and military science, application and demonstration of knowledge and mastery of military skills reasoning. (WI)
- 4313 Independent Study in Military Science. (3-0) This course will be designed to meet the needs of the individual student. It will be a directed and closely monitored program targeted at the students' weaknesses/interests. The course will primarily deal with topics pertinent to the military profession; such areas as leadership, management, ethics, law and their application. Course will require week/bi-weekly progress review with instructor. (WI)

<p>Bachelor of Applied Arts and Sciences (BAAS) Major in Applied Arts and Sciences Minimum required: 120 semester hours</p>
<p>NOTE: The Bachelor of Applied Arts and Sciences (BAAS) requires an individualized plan of study based on each student's past learning experiences and future career goals.</p>
<p>Core Curriculum (42 hours) This module may be satisfied through a number of options including traditional course work from Texas State 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.</p> <p>The following courses are required: COMM 1310, ENG 1310, ENG 1320, HIST 1310, HIST 1320, PHIL 1305 or 1320, POSI 2310, POSI 2320, English Literature (3 hours), Life and Physical Science (6 hours), Mathematics (3 hours), Social and Behavioral Science (3 hours), and ART 2313, DAN 2313, MU 2313 or TH 2313 (3 hours).</p>
<p>Occupational Emphasis Module (48 semester hours) This module may be satisfied by credits earned from experiential learning (work/life experience, non-collegiate sponsored instruction, credit by examination), transfer work from other accredited institutions of higher learning, or a comprehensive cooperative education program. OCED 4350 (Occupational Assessment) is the required entry course for this module.</p>
<p>Professional Development Module (21 hours) Professional development sequences are individualized to students' educational needs. Students will choose courses with the assistance of the degree advisor from at least three academic departments. This module of 21 hours constitutes the major for GPA calculation purposes.</p>
<p>Internship (6 hours) This is a required independent activity completed during the student's last semester.</p> <ul style="list-style-type: none"> • Cooperative Occupational Education Readiness (OCED 4360) • Practicum in Cooperative Occupational Education (OCED 4361) (Prerequisite: Successful completion of OCED 4360)
<p>Elective Module (0-9 hours) Elective hours to complete the 120 hour degree are chosen with the advice of the student's degree advisor.</p>
<p>Foreign Language (0-10 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 from an accredited college must take the two courses of same foreign language, which may include American Sign Language.</p>

Career and Technical Education

The department offers teacher certification in the area of trade and industrial education. Students who desire other teaching fields must contact the College of Education. Students who choose the Career and Technical Education (CTE) certification sequence are prepared for employment in the public schools of Texas provided they satisfactorily complete all required courses and other Texas Education Agency criteria including two to five years of approved work experience and teaching on an emergency permit.

Prospective teachers must submit a statement of qualifications (SOQ) which can be downloaded from www.owls.txstate.edu in order to receive a deficiency plan, which identifies CTE required coursework.

Students who pursue the BAAS degree may use CTE teacher certification courses to satisfy the professional development module for the degree. The department approves teachers in the following area:

Trade and Industrial Education

Trade and industrial education for secondary students includes any subject or program designed to develop manipulative skills, technical knowledge, and related information necessary for employment in any craft or skilled-trade occupation which directly functions in designing, producing, processing, fabricating, assembling, testing, maintaining, servicing, or repairing any product or commodity. Training is also available in service and certain semiprofessional occupations.

Technological Focus

Students holding a two-year technical associates degree or work experience in a technical area may wish to pursue the BAAS with a technological focus. These students may enroll in upper- and lower-division technological coursework in the Occupational Emphasis module and also additional upper-division technological courses in the Professional Development module of the degree plan. In addition, those students with technical work experience may apply for extra institutional credits, as do other students in the BAAS degree plans.

Courses in Career and Technical Education (CTE)

- 3304 Human Relations for Career and Technical Education Teachers. (3-0) This course emphasizes the combination of psychological and sociological factors that influence relationships of CTE teachers in the pursuit of professional duties. Strategies for teaching students and mentoring employees on the dynamics of human relations are highlighted.
- 3307 Selection, Placement, and Follow-up in Career and Technical Education. (3-0) This course provides an overview of the practices of occupational selection, placement of students in suitable employment and cooperative sites, and coordinating the relationship between school and workplace site.
- 3308 Problems in Cooperative Training. (3-0) The course highlights the organization, presentation, and selection of content material necessary in part-time work-based learning programs. The need for community, workplace/industry, family, school, and student partnerships in curricular assessment is emphasized.
- 3313 Special Topics in Career and Technical Education. (3-0) This special topics course will highlight current topics in CTE innovation, such as new leadership development programming, and current entrepreneurial trends necessary for success in the workplace. The course may be repeated with different emphases for credit.
- 3313A Special Needs Students in CTE. (3-0) This course involves in-depth studies of characteristics, principles of inclusion, development and implementation of individualized programs of instruction and collaboration with school personnel for effective education of special needs students, including special education, limited-language proficiency, and gifted and talented students.
- 3313C Entrepreneurship. (3-0) This course involves study and analysis of ownership, marketing strategies, location, financing, regulations, managing, and protecting a business. It includes strategies for teaching entrepreneurship in CTE.
- 3313D Leadership and Professional Development. (3-0) This course is designed to be applicable to all CTE areas in public, private, and corporate education. The course addresses professional growth, leadership styles, skills, and teaching leadership. Trends, policies, and procedures relating to leadership in career and technical areas are highlighted.
- 3320 Effective Methods of Teaching and Training. (3-0) This is an introductory/fundamental course for instructors in trade and industrial education seeking certification and technical trainers who are not seeking certification. It is designed to prepare these individuals to apply effective teaching principles and techniques, to prepare lesson plans, and manage classrooms. Practice teaching will be included.
- 3321 Work-based Learning in Career and Technical Education. (3-0) This course is intended for teacher coordinators of work-based programs in trade and industrial cooperative education. There is an emphasis on selection of occupations and appropriate training stations, student recruitment, instructional coordination in on-the-job educational experiences, state and local report preparation and required record keeping systems.
- 3322 Teaching/Training as Professions. (3-0) This course emphasizes the professional requirements of teaching and training in a variety of settings. Professional topics include

licensure and preparation for the profession, organizations, philosophical foundations of teaching and training, and the socio-political landscape of teaching and training.

- 3323 Technology Applications. (3-0) This course covers the use and integration of computers in the classroom or office. Topics include history of computers, use of word processor, spreadsheet, and presentation software; overview of common computer programs; history and use of the Internet, and web-page creation. TandI students will review for the TExES examination.
- 3340 Occupational Skills for the 21st Century. (3-0) This course allows students to explore past and present occupational trends, new and emerging occupations and the 21st century occupational skills necessary for success. Students will explore transferability of occupational skills and how these skills are applied and packaged for career transitions.
- 3380 Management of Business Office Education Training Programs. (3-0) This course is for instructors in educational and industry settings and involves the identifications of federal, state, and local policies, the coordination of work-based learning programs, the benefits of student and professional associations, public relations. Students will make visits to local classroom or training facilities.
- 3381 Instructional Strategies in Business Office Education Training Programs. (3-0) This course provides an overview of identifying curriculum, individual learning styles, instructional strategies, providing support for students with special needs, non-gender biased instruction, appreciation of diversity, and the use of technology and assessment in business office educational programs.
- 4302 Coordination Techniques. (3-0) This course presents an overview of the cooperative program in marketing and distributive education (MDE), the establishments of MDE programs, the guidance, selection and placement of students, adjustment of work for individual needs, setting student objectives, evaluation, labor laws, and public relations relevant for MDE programs.
- 4304 Organization and Management of Marketing Education Programs. (3-0) This course provides instruction on the organization and administrative structure of marketing organization in the United States. Additionally, the use of objectives, program improvement techniques, appropriate teacher selection techniques, and evaluative criteria are emphasized in relation to marketing and distributive education programs.
- 4310 Independent Study in Career and Technical Education. (3-0) This course is an independent study of various subjects in CTE. Work is done on an independent basis under the direction of the faculty member. Repeatable for credit with different emphases.

Courses in Occupational Education (OCED)

Students desiring to pursue the Bachelor of Applied Arts and Sciences must take OCED 4350 as their initial entry course. All students must have an overall transfer GPA of 2.25 and if the students have Texas State University coursework, a Texas State GPA of 2.25 is required.

- 3310 Human Problems in the Workplace. (3-0) Overview of problems that supervisors, teachers, and co-workers encounter in business/industry, social service, military, or education. This range of problems interferes with communication, performance, and development of proficiency in school/work. Perspectives and reports on the incidence of these problems will be presented, as well as actions for these human problems.
- 4350 Occupational Assessment. (3-0) 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. (WI)
- 4360 Cooperative Occupational Education Readiness. (3-13) This course prepares the student for supervised on-the-job experience in an occupational area. Proposal development, review of literature, creation of timelines, and task analysis are stressed. Limited on-the-job experience begins in the course. (WI)
- 4361 Practicum in Cooperative Occupational Education. (3-13) Course is supervised on-the-job experience in an occupation related to the BAAS professional development. Requires extensive reports and documentation. Prerequisites include successful completion of OCED 4360. (WI)

School of Social Work

Health Professions Building 150
 T: 512.245.2592 F: 512.245.8097
www.socialwork.txstate.edu

DEGREE PROGRAM OFFERED

Bachelor of Social Work (BSW), major in Social Work

MINOR OFFERED

Social Work

The Bachelor of Social Work with a major in Social Work, which is fully accredited by the Council on Social Work Education, prepares students to engage in entry-level social work practice, to apply for state social work licensure, and to pursue graduate social work studies. Social Work students must maintain high scholastic standards. They must also develop the capacity to work with people from all walks of life and be sensitive toward all people and the many problems they face.

Admission Process

The Social Work degree requires 54 hours in Social Work and 9 hours in supportive Social Sciences, and builds on liberal arts and general education core foundation. The Social Work curriculum is based on and interwoven with the liberal arts/general education core foundation consisting of 54 semester credit hours. The Social Work major does not require a minor. Students progress through the major in three phases, without regard to disability. A social worker must be emotionally and mentally stable, must have strong

communication skills, must have solid interpersonal relationship-building skills, and must conform to professional ethics. Faculty evaluate whether students meet these criteria and may advise a student at any point to continue in the BSW major or consider another major.

Phase I: (Pre-Social Work Major). Any student may declare a pre-social work major and may enroll in SOWK 1350, 2375, as well as SOWK elective courses. Social work pre-majors should complete most of their general education core/liberal arts courses before applying to Phase II of the Social Work major. They must complete at least 45 credit hours, including the following: BIO 1320, 1421; COMM 1310; ENG 1310 and 1320; HIST 1310, 1320; MATH 1315 or 1319; PHIL 1305 or 1320; SOWK 1350 and 2375; and US 1100, if required. **Biology is the only acceptable natural science for admission to the BSW major regardless of core curriculum requirements.** Applicants must have a minimum 2.50 overall GPA and a minimum 2.75 GPA in SOWK and supportive courses (**biostatistics, ENG 3303 or ENG 3304, and PSY 3332**) to apply for Phase II. Students interested in Social Work must contact the College of Applied Arts Academic Advising Center for advisement.

Phase II: (Social Work Major). Students submit a formal application for admission to Phase II. **Applications are due to the School of Social Work office by 5:00 p.m. on the third Monday of November for spring admission to the major or the fourth Monday in April for fall admission to the major.** An admission committee screens applicants, considering academic record and suitability for social work practice, and informs applicants in writing of their decision to admit, conditionally admit, or deny admission. When students are admitted to Phase II, their formal academic major is converted from Pre-Social Work to Social Work.

Admission into Phase II does not guarantee permission to remain in the degree program. Social Work faculty will continuously assess a student's progress. To be retained, the student must maintain the required minimum **Texas State** GPA of 2.50. Students must also earn a minimum grade of "C" in each social work course and each supportive course. **The School of Social Work outlines the academic progress and advancement to graduation in relation to retaking major sequence coursework in the student handbook.** To remain in Phase II, students must also adhere to the NASW Code of Ethics and demonstrate emotional or mental stability, adequate communication skills, interpersonal relationship skills, and high levels of self awareness.

Phase III: (Field Placement) Students who have completed all required courses for the BSW, excluding SOWK 4645 and 4650 (Field Placement), and who have met all the requirements noted above may apply for field placement. Students apply for field placement with the School's Field Office.

The School prefers that students take SOWK 4645 and 4650 during the same semester, which requires that the student limit his/her enrollment that semester to field placement, totaling 12 hours. Under exceptional circumstances, students may request permission **from the Field Coordinator** to take SOWK 4645 and 4650 over two consecutive semesters (6 hours each semester).

To be eligible for graduation a student must complete all degree requirements and must have a minimum Texas State GPA of 2.50 with a GPA of 2.75 in social work and supportive courses. Students seeking either a dual degree or a second bachelors' degree in Social Work will need to complete all requirements for the BSW degree totaling 54 hours for the major, to include 12 hours in field internship, 14 hours in modern languages, 9 hours in supportive courses and the required biology curriculum. To be eligible for graduation a student must complete all degree requirements and must have a minimum Texas State GPA of 2.50 with a GPA of 2.75 in social work and supportive courses.

Liability Insurance

Students who participate in field placement must purchase liability insurance, or prove that they are insured. Students may obtain information on liability insurance from the School of Social Work office.

Bachelor of Social Work (BSW) Major in Social Work Minimum required: 121 semester hours							
General Requirements:							
1. BIO 1320, 1421; COMM 1310; ENG 1310 and 1320; HIST 1310, 1320; MATH 1315 or 1319; PHIL 1305 or 1320; and SOWK 1350 and 2375 are required prior to application for Social Work major.							
2. SOWK 2375 requires an additional 50 hours volunteering.							
Freshman Year		Sophomore Year		Junior Year		Senior Year	
Course	Hr	Course	Hr	Course	Hr	Course	Hr
COMM 1310	3	BIO 1320, 1421	7	Modern Language 1420, 2310	7	Modern Language 2320	3
ENG 1310, 1320	6	ENG Literature	3	SOWK 3305, 3340, 3420, 3425, 4310, 4355	20	SOWK elective	3
US 1100	1	Biostatistics	3	ENG 3303 or 3304	3	SOWK 4305, 4356, 4425	10
HIST 1310	3	HIST 1320	3	PSY 3322	3	SOWK 4645, 4650	12
MATH 1315 or 1319	3	Modern Language 1410	4				
PHIL 1305 or 1320	3	POSI 2320	3				
POSI 2310	3	SOWK 2375	3				
PSY 1300	3	ART, DAN, MU, or TH 2313	3				
SOWK 1350	3	SOWK elective	3				
Total	28	Total	32	Total	33	Total	28

Minor in Social Work

A minor in Social Work requires 18 semester hours, including SOWK 1350, 2375, 4355, and 9 semester hours of SOWK electives from 2320, 3312, 3332, 3339, 4310, 4315, 4318, and 4320. The Social Work minor makes students aware of our society's problems, conditions, and value systems, while enhancing their growth in their chosen major fields. The minor does not prepare students for professional social work practice nor for state social work licensure.

Courses in Social Work (SOWK)

SOWK 1350 is a prerequisite to all other social work courses except SOWK 2375, 3332, 3339, 4315, 4318, 4320, and 4355.

1350 (SOCW 2361) Introduction to Social Work. (3-0) This introductory survey course includes the nature, function, and various types of social work practice, acquainting the student with the history, scope, and values of the profession.

2320 Love and Relationships. (3-0) This elective course explores the nature of attraction, friendship, love, and human sexuality, enabling students to enhance their own personal and professional relationships.

2375 Social Services in the Community. (3-0) This undergraduate course introduces the organizations and policies involved

in social services delivery. Students participate in 50 hours of work as supervised observers and volunteers in selected social service agencies.

3305 Seminar in Human Behavior and Social Environment I. (3-0)

This undergraduate course provides an overview of human functioning in the environment by studying eco-systems and developmental frameworks. It builds knowledge and values for practice with task groups, organizations, and communities. Prerequisites: Official Social Work major; complete SOWK 3420 or instructor consent. (MC)

3312 Alcoholism and Chemical Dependence. (3-0) This elective

course focuses on commonly used and abused drugs as well as the dynamics and treatment of addiction and alcohol abuse. It emphasizes direct social work interventions aimed at addiction prevention and treatment.

3332 Helping Troops Transition Back to their Families and

Communities: The Invisible Wounds of War. (3-0) The course examines topics at the individual, family, group, organizational, and community levels related to troops who are returning from current combat operations and their families. It reviews the needs, community resources, and policies in place for helping them and their families make this transition. Prerequisite: Upper division undergraduate

- standing or instructor approval.
- 3339 Selected Topics in Social Work. (3-0) Students study relevant social work topics in depth. Topics, such as social work in prisons or in mental health facilities, are selected according to students' needs and professional trends. Repeatable for credit with different emphases.
- 3340 Social Work Research. (3-0) This undergraduate course builds foundation scientific research skills in critical thinking, knowledge of program and practice evaluation, and a philosophy of generalist social work practice. Prerequisites: HP 3302 or HP 3325 or CJ 3347 or PSY 3301 or SOCI 3307; official Social Work major.
- 3350 Connecting Policy and Practice. (3-0) This course describes contemporary American Social Welfare and illustrates social work professional practice within policy guidelines. It focuses on practice with involuntary clients in a variety of agency contexts.
- 3420 Social Work Practice I. (3-1) This undergraduate course studies generalist theory and application of social work practice with individuals, families, and groups, including introductory data collection, assessment, intervention planning, and evaluation. Prerequisites: Official Social Work major. (WI)
- 3425 Social Work Practice II. (3-1) This undergraduate course emphasizes generalist social work practice with task groups, organizations, and communities, examining data collection, assessment, intervention, planning, implementation, and evaluation. Students develop and implement a community-based project. Prerequisites: SOWK 3420; official Social Work major. (WI)
- 4305 Seminar in Human Behavior and Social Environment II. (3-0) This undergraduate course integrates knowledge from social sciences and SOWK 3305, focusing on individuals, families, and small groups functioning in environments. It uses a bio-psychosocial perspective, expanding on eco-systems, developmental, and values frameworks. Prerequisites: Official Social Work major; and SOWK 3305. (WI)
- 4310 Diversity and Social Justice in Social Work. (3-0) This undergraduate course focuses on knowledge and skills necessary for effective, ethical, and just practice, exploring interpersonal and institutional dynamics of racism, sexism, heterosexism, homophobia, classism and other forms of oppression and their effects on providing social services to diverse populations. (MC)
- 4315 Child Welfare. (3-0) This undergraduate elective course analyzes child welfare services available to abused and neglected children in their own homes, in substitute care, and through the community, emphasizing social work intervention with children and their families.
- 4318 Social Work and Health Care. (3-0) This undergraduate elective course provides a generalist view of social work practice in mental health and public health, considering the social problems that affect health care, and ethical and effective intervention strategies and service delivery systems.
- 4320 Social Work with Older Adults. (3-0) This undergraduate elective gives a comprehensive introduction to contemporary social problems, values, and issues affecting older adults, and effective and ethical intervention strategies and service delivery systems.
- 4355 Policy Practice. (3-0) This course is an overview of social policy and legislation and the processes of influencing public policy. It links policy with a broad range of social work service areas.
- 4356 Professionalism in Social Work. (3-0) This course builds skills in self-presentation, in taking responsibility for personal and professional growth, in learning professional behaviors in organizations, and in presenting court testimony. Prerequisite: SOWK 3425 official Social Work major.
- 4360 Directed Study in Social Work. (3-0) This one-semester undergraduate course highlights individualized reading, independent study and projects, and guided instruction. It is offered to superior students by the professor's invitation and with the consent of the BSW Coordinator. This course may not be repeated for credit. Prerequisite: official Social Work major.
- 4425 Social Work Practice III. (3-1) This undergraduate course emphasizes interpersonal and communication skills necessary for effective, ethical generalist social work practice. Students translate theory into helping behaviors through practice and feedback to develop competent skills for beginning field placement. Prerequisites: SOWK 3425; official Social Work major. (WI)
- 4645 Beginning Field Practice in Social Work. (1-20) Undergraduate students engage in generalist social work in agencies, supervised by licensed social workers and the field coordinator. Students work a minimum of 270 clock hours, attend seminars, and complete assignments. Prerequisites: Completion of all Phase II course requirements, and application to field coordinator.
- 4650 Advanced Field Practice in Social Work. (1-20) This undergraduate course extends SOWK 4645. Students, supervised by licensed social workers and the field coordinator, apply advanced generalist techniques for a minimum of 270 clock hours, attending seminars, and completing assignments. Prerequisites: Completion of all Phase II course requirements, and application to field coordinator.