

## The College of Education and Human Development

**Departments:** Professional Pedagogy, Family and Consumer Sciences, Health and Kinesiology, and Educational Leadership

**Hollis Lowery-Moore, Dean**

**203 Education Building, Phone 880-8661**

Preparing prospective career educators is and has been an essential mission of the University and the College since its establishment in 1959. More recent offerings representing diversification and growth of the College of Education and Human Development are food service management, interior design, fashion merchandising, home economics, health, exercise science and sports management.

Graduate programs in the College are described in the Graduate Studies Catalog of the University.

Degree and certification programs are described in separate departmental sections of this bulletin.

***Lamar University reserves the right to modify degree requirements and teaching certificate requirements in keeping with legislative acts and rules established by the Texas Higher Education Coordinating Board and the Texas Education Agency.***

### Mission and Objectives

The College of Education and Human Development is dedicated to promoting the achievement of the University's mission. Toward that goal and in the belief that educational problems are best through partnerships with elementary and secondary education, higher education, state-level education agencies and other appropriate groups, the College is committed to a collaborative approach in addressing educational issues. Emphasis is placed on the preparation of personnel for educational and human service careers through professional programs, which are current and relevant in theory and practice. Collaborative participation by the faculty in state, regional and national professional organizations, public schools and human service agency activities is practiced and encouraged.

The College of Education and Human Development has as its major function the professional preparation of elementary and secondary school personnel and preparation of personnel for specific human services positions and professional careers. The College has an oversight role for the development of academic competencies of the prospective teacher pursuing a major within the many departments of Lamar University.

The College is composed of four departments: Professional Pedagogy, Educational Leadership, Family and Consumer Sciences, and Health and Kinesiology. The Division of Professional Services includes admissions, advisement, TExES testing, technology services, instructional design and certification. The Early Childhood Development Center is located adjacent to the University campus and provides a site for University students to observe and work with children as part of the professional preparation of teachers and other school personnel.

## Degrees Offered

**Bachelor of Science Degree** with majors in the following fields:

Interdisciplinary Studies

Family and Consumer Sciences

Kinesiology

Health

## Educator Preparation – A Shared Responsibility

The Lamar Educator Preparation Advisory Board, with members broadly representative of K-12 schools serving the region, is appointed by the Dean of the College of Education and Human Development. This body recommends policies for teacher education at Lamar University that will best meet the needs of the schools. The preparation of teachers is a responsibility shared by the faculty of Lamar University through its Educator Preparation Council, composed of faculty members from various colleges offering educator certification programs. Policies authorizing teacher education programs are recommended by the Council. Policies and certificate programs are coordinated through the Council after approval by the Provost. Within the framework of the policies established, the College of Education and Human Development provides oversight for all teacher education programs throughout the University.

The professional education unit, under the guidance of the Council, has as its theme: “Preparing Educators for a Changing World.” Realizing its vision requires experiences that have been planned to equip career educators to act intelligently when confronted by unexpected events or circumstances. Intensified emphasis on problem-solving and critical thinking and an improved knowledge base to support analysis and action are the strengths of the educator preparation program.

## Teacher Education Programs

Lamar University provides undergraduate teacher education programs that fulfill the curriculum requirements for the following certificates in the State of Texas: elementary education, secondary education, special education, family and consumer sciences, education of the deaf, driver education, all-levels music, all-levels art, all-levels physical education, early childhood education, and English as a second language.

Information concerning graduate teacher education programs and professional certification may be found in the Graduate Studies Bulletin.

## Early Childhood Development Center

The Lamar University Early Childhood Development Center is an educationally oriented model program for children between the ages of 18 months and five years. The Center is accredited by the National Association for the Education of Young Children. Under the direction of The College of Education and Human Development, the Center provides an integral part of professional development for undergraduate and graduate students on the Lamar University campus.

The center is used extensively by the Department of Family and Consumer Sciences, the Department of Professional Pedagogy, the Department of Health and Kinesiology, and the Department of Educational Leadership. The Center provides opportunities for University students to direct learning of young children who exhibit both typical and atypical development as well as investigate effective teaching strategies for promoting

optimal development among young children. Students have the opportunity to observe and interact with children, which enhances the understanding of child growth and development. In addition the students are able to relate understanding about the family, nutrition, prenatal care and community interaction to child behavior.

The Center provides interdisciplinary research opportunities for faculty and graduate students. The center is also used for strengthening leadership skills in the field of child development through seminars, workshops and other educational events. The Center is accredited by the National Academy of Early Childhood Programs.

## **Alternative Certification Program**

The College of Education and Human Development offers an Alternative Teacher Certification Program in Special Education (K-12), Science (8-12), and Elementary Bilingual. Applicants for this program must have earned a bachelor's degree and possess an overall minimum grade point average of 2.5 on a four-point scale. Other criteria also apply. Alternative Certification is an intense, quality, field-based program, and interns learn through course work and by participating in a full-time employment situation. For further information, contact the Dean of Education and Human Development.

## **Post Baccalaureate Certification Programs**

The College of Education and Human Development offers Post-Baccalaureate Certification Programs for students who hold a bachelor's degree and desire to earn teacher certification. Programs offered are: EC-4 Generalist, 4-8 Generalist, 4-8 specialized areas, Secondary 8-12 specialized areas, and All-Levels Art and Special Education.

Applicants for these programs must have earned a bachelor's degree from an accredited college or university and must possess an overall minimum grade point average of 2.5 on a 4.0 scale on all university work completed. Applicants must also take and pass all three sections of the THEA test. If the THEA test has not been completed, it must be completed with a passing score within the first semester of enrollment. Other criteria may also apply.

Consult with the director of the Post-Baccalaureate Program in office 206, Education Building, for additional information.

## **Pre-Admission into Teacher Education**

Application for pre-admission into the teacher education program is made prior to enrolling in PEDG 3310 or PEDG 3320, which must be successfully completed before a student may enroll in any other 3000 courses in Pedagogy, Special Education, Reading, or Early Childhood Education. Instructions and forms needed for application are available on the college web site: <http://dept.lamar.edu/education>.

For pre-admission into teacher education, requirements must be satisfied as follows:

1. Successful completion of 45 semester hours, with a minimum GPA overall of 2.5 (on a 4.0 scale), prior to enrolling in PEDG 3310 and/or PEDG 3320;
2. Successful completion of all sections of THEA;
3. Successful completion of ENGL 1301 and ENGL 1302 or ENGL 1361 and ENGL 1362;

4. Successful completion of MATH 1314 and the other designated mathematics courses required by each teaching certificate program;
5. Submission to a criminal records review;
6. Attainment of 12th grade equivalency on the Nelson-Denny reading test; and
7. Electronic completion of the survey, “Dispositions of Effective Teachers.”

*Lamar University reserves the right to modify degree requirements and teaching certificate requirements in keeping with legislative acts and rules established by the Texas Higher Education Coordinating Board and the State Board for Educator Certification.*

## **Admission Requirements for Teacher Education Candidacy**

Completion of 60 semester hours including:

1. Successful completion of PEDG 3310 and PEDG 3320.
2. An overall grade point average of 2.5 or higher on a 4.0 scale.
3. An overall grade point average of 2.5 or higher in certificate field(s).
4. An overall grade point average of 2.5 in pedagogy courses (Pedagogy, Special Education, Reading, and Early Childhood Education).
5. No grade lower than “C” in pedagogy courses.
6. Achievement of acceptable score on the Watson-Glaser Critical Thinking Appraisal.

## **Progress Toward Student Teaching**

After being admitted to teacher education, the candidate is carefully monitored as to maintaining the grade point averages required for admission. Each student is expected to maintain an individual electronic portfolio, which contains indicators of progress in a teacher education certificate program. Included among those indicators are evaluations of teaching performance, artifacts representing course assignments, grades, proficiency in language usage and evaluations of dispositions.

Periodically, a Teacher Education Committee, appointed by the chairman of the Department of Professional Pedagogy, reviews the portfolio of each student in the program. The Committee will approve or disapprove the continuance in the program of a student or specify conditions under which a student may proceed.

## **Admission to Student Teaching and the Professional Semester**

Student teaching shall be scheduled for the final spring or fall semester prior to graduation from Lamar University. All pedagogy courses must be completed prior to student teaching.

The Master Supervising Teacher Program (MaST) supports the student teaching component of teacher education. MaST teachers are unique in combining the roles of university supervisor and cooperating teacher. MaST teachers are supported in their efforts by the program director, who serves as the contact person for the university. Lamar University students who enroll for student teaching will be placed with a MaST

teacher who has been prepared and employed by the University as an adjunct instructor for this special role.

Students who are eligible and who desire to enroll in the “professional semester” must apply for student teaching, approximately a year in advance, through the Office of Field Experiences, room 105, Education Building. For fall student teaching, application should be made **no later than October 1**. For spring student teaching, application should be made **no later than March 1**.

In order to qualify for student teaching, the applicant must be recommended by a Teacher Education Committee and have met the following requirements:

1. Completion of course work specified by his/her certificate/degree plan.
2. A minimum grade point average of 2.5 on a 4.0 scale in:
  - a. all courses taken
  - b. all courses taken in teaching fields or areas of specialization in interdisciplinary studies
  - c. all courses taken in pedagogy (Pedagogy, Reading, Early Childhood Education or Special Education)
3. Grade of “C” or better in each pedagogy course.
4. Be of senior standing.

## Student Teaching for Post-Baccalaureate Certification Programs

Students admitted to the post-baccalaureate certification programs who are requesting admission to student teaching must submit an application by August 1 for fall and November 1 for spring. Application forms are available in office 206, Educational Building. Information is available in office 206B or office 105.

To enroll in student teaching, post-baccalaureate students must present a current grade point average of not less than 2.5 over all on a 4.0 scale. They must participate in all seminars and other activities in which all other student teachers participate.

## Certification Policies

***Lamar University reserves the right to modify degree requirements and teaching certificate requirements in keeping with legislative acts and rules established by the Texas Higher Education Coordinating Board and the State Board for Educator Certification.***

To be recommended for a teaching certificate, the applicant must present

1. A minimum grade point average of 2.5 in all work undertaken at Lamar, a minimum 2.5 in elementary school specialization or in each teaching field and a minimum 2.5 in the professional education courses relevant to the certificate.
2. A minimum of 12 hours in residence at Lamar University in professional education courses.
3. A minimum of six hours in residence at Lamar University.
  - a. In each teaching field for secondary certification.
  - b. In the area of specialization for elementary certification.

4. Evidence of successfully completing student teaching requirements in the area of certification sought.
5. Successful completion of all sections of the Texas Higher Education Assessment (THEA) and successful completion of the appropriate TExES examinations.
6. Department Chairs determine eligibility of students to take TExES examinations according to established guidelines by the Texas Education Agency.

## Certificate and Degree Requirements

Certificate programs are offered in elementary, secondary, special education, family and consumer sciences, all-levels art, all-levels music, all-levels physical education and all-levels hearing impaired. Certificate endorsements are available in driver education and English as a second language. Information concerning these programs may be found in the following paragraphs or in departmental sections of this bulletin.

Certificate requirements are composed of four parts: (1) academic foundations, (2) academic specialization, (3) professional development and (4) designated free electives. Programs require the completion of 126 to 139 semester hours.

Current academic foundation requirements for certificate programs are described below. Students wishing to secure the Bachelor of Arts or Bachelor of Science degree and, at the same time, to certify will be required to meet teacher education standards. It will be necessary to consult with your department head or the College of Education and Human Development Advisor concerning the specifics of these requirements. Other requirements are outlined under the departmental sections of this catalog.

## Philosophy of Knowledge Core Curriculum

The core curriculum, found on page 15, is required of all students working toward teacher certification at this University. Within the general framework shown, some course selections may be governed by the type of certification or degree obtained. Where appropriate, a maximum of six semester hours (eight in science), taken in academic foundations may be included in any one teaching field.

Additional electives and degree requirements..... 9  
(Must include 3 hrs Fine Arts and 3 hrs Social Science)

Nine hours to be selected from approved courses in the following groups with courses included from a minimum of two groups:

- Group I: Anthropology, Psychology, Sociology,  
Child & Family Development, Health
- Group II: Economics
- Group III: Foreign Language, Manual Communication
- Group IV: Art, Drama, Music, Dance
- Group V: Philosophy, Humanities

## Special Certificates and Endorsements

All-levels Art, Health, Music, and Physical Education degrees and certificates (see the instructional departments for information).

Driver Education Endorsement. Described in the Department of Health and Kinesiology section of this catalog.

Gifted and Talented Supplemental (Grades EC-12)

Special Education Supplemental (Grades NA)

English as a Second Language Supplemental (Grades NA)

Education of the Hearing Impaired. Described in the Communication section of this catalog.

The certificate plans are described in the Family and Consumer Sciences section of this catalog.

### **Certification for Persons with Bachelor's Degree (or higher) Who Are Not Certified To Teach in Texas**

1. Information concerning these certification plans is available in the College of Education and Human Development Professional Services Office, room 206.
2. Persons with degrees from Texas colleges and persons with degrees from out-of-state colleges apply in the College of Education and Human Development, Professional Services Office for certification in Texas, room 206.

### **Certification for Persons with Texas Teaching Certificates Who Desire Additional Endorsements**

Those persons with elementary certificates who desire secondary certification, those with secondary certificates who desire elementary certification, and those with elementary or secondary certificates who desire additional endorsements obtain information from the Professional Services Office.

### **Professional Certificates**

Requirements for Professional Certificates are described in the Graduate Catalog.

## **Department of Professional Pedagogy**

**Department Chair:** Cristina Rios

**202 Education Building, Phone 880-8217**

**Professors:** Hargrove, Karlin, Sisk

**Associate Professors:** Farrow, Goulas, Griffith, Hamza, Henry, Rios

**Assistant Professors:** Carlson, Duncan, Matheny, Richardson, Wilkinson

**Instructors:** Dixon, Fairley, McCutcheon

### **Bachelor of Science Degree in Interdisciplinary Studies**

The Department of Professional Pedagogy offers the Interdisciplinary Studies degree plan for the following EC-4 and 4-8 degree plans leading to teacher certification:

**EC – 4 Generalist**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1350 .....	6	PSYC 2301 or SOCI 1301 .....	3
HIST 1301, 1302 .....	6	POLS 2301, 2302 .....	6
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
HLTH 1370.....	3	KINT 3370 .....	3
THEA 1310 .....	3	PEDG 3310*, 3320*.....	6
EACH 2110 .....	1	MUSI 3371.....	3
PEGA.....	1 or 2		
	<u>32-33</u>		<u>32</u>
<b>Third Year</b>		<b>Fourth Year</b>	
ARTS 3371.....	3	PEDG 3350.....	3
BIOL 3411 .....	4	GEOL 3411.....	4
READ 3330, 3360.....	6	PEDG 4340, 3351 .....	6
SOCI 3301, 3302 .....	6	EACH 4305 .....	3
MATH 3312, 3313 .....	6	PEDG 4950.....	9
READ 3390, 3393.....	6	SPED 4342 .....	3
ENGL 4305.....	3		
EACH 4303 .....	3		
	<u>37</u>		<u>28</u>
<u>Total Hours 129 - 130</u>			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 Generalist/Reading**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1350 .....	6	PSYC 2301 or SOCI 1301 .....	3
HIST 1301, 1302 .....	6	POLS 2301, 2302 .....	6
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
THEA 1310 .....	3	MATH 3312, 3313 .....	6
EACH 2110 .....	1	PEDG 3310*, 3320* .....	6
PEGA.....	1 or 2		
	<u>29-30</u>		<u>32</u>
<b>Third Year</b>		<b>Fourth Year</b>	
ENGL 3340.....	3	PEDG 3350, 3351 .....	6
ADV ENGL Lit. ....	3	READ 3393 .....	3
ENGL 3316, 3360, or 3370 .....	3	READ 4344 .....	3
READ 3326.....	3	PEDG 4340.....	3
READ 3360, 3390.....	6	ENGL 4310.....	3
SOCI 3301, 3302 .....	6	PEDG 4950.....	9
MATH 3311, 3316 .....	6	SPED 3305 .....	3
BIOL 3411 .....	4		
GEOL 3411 .....	4		
	<u>38</u>		<u>30</u>
<u>Total Hours 129 - 130</u>			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 English, Language Arts & Reading**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1350 .....	6	PSYC 2301 or SOCI 1301 .....	3
HIST 1301, 1302 .....	6	POLS 2301, 2302 .....	6
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
THEA 1310 .....	3	MATH 3312, 3313 .....	6
EACH 2110 .....	1	ENGL 3320.....	3
PEGA.....	1 or 2	PEDG 3310*, 3320* .....	6
	29-30		35
<b>Third Year</b>		<b>Fourth Year</b>	
ENGL 3340, 4310.....	6	PEDG 3351.....	3
ADV ENGL Lit .....	3	READ 4310 .....	3
READ 3330.....	3	ENGL 3316, 3360, or 3370 .....	3
READ 3390.....	3	READ 4344 .....	3
SOCI 3301, 3302 .....	6	PEDG 4340.....	3
PEDG 3391.....	3	PEDG 4950.....	9
BIOL 3411 .....	4	SPED 4342 .....	3
GEOL 3411.....	4		
	32		27
Total Hours 123 - 124			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 Math**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1316 .....	6	PSYC 2301 or SOCI 1301 .....	3
HIST 1301, 1302 .....	6	POLS 2301, 2302 .....	6
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
FINE ARTS .....	3	MATH 3312 .....	3
EACH 2110 .....	1	MATH 2305 .....	3
COSC Elec.....	3	MATH 2318, 2310 .....	6
PEGA.....	1 or 2	PEDG 3310*, 3320* .....	6
	32-33		38
<b>Third Year</b>		<b>Fourth Year</b>	
MATH 3300, 3311 .....	6	PEDG 3350.....	3
MATH 3313, 3314 .....	6	MATH 2376 .....	3
MATH 3315, 3316 .....	6	MATH 3317 .....	3
COSC Elec.....	3	READ 3393 .....	3
READ 3390.....	3	PEDG 4340.....	3
PEDG 3351.....	3	PEDG 4950.....	9
BIOL 2411 .....	4		
GEOL 3411 .....	4		
	35		24
Total Hours 129 - 130			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 Math/Science**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1316 .....	6	PSYC 2301 or SOCI 1301 .....	3
HIST 1301, 1302 .....	6	POLS 2301, 2302 .....	6
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
THEA 1310 .....	3	MATH 3312 .....	3
EACH 2110 .....	1	MATH 2310 .....	3
HLTH 1370.....	3	PEDG 3310*, 3320* .....	6
PEGA.....	1 or 2		
	32-33		32
<b>Third Year</b>		<b>Fourth Year</b>	
MATH 3300 .....	3	BIOL 4311 .....	3
MATH 3311, 3313 .....	6	GEOL 4411.....	4
MATH 3314, 3316 .....	6	MATH 3317 .....	3
BIOL 3411 .....	4	PEDG 3350.....	3
GEOL 3411 .....	4	PEDG 4340.....	3
GEOL 4390 .....	3	PEDG 4950.....	9
READ 3390.....	3		
READ 3393.....	3		
PEDG 3351.....	3		
	35		25

Total Hours 124 – 125

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 Composite Science**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level) .....	3
MATH 1314, 1350 .....	6	BEHAVIORAL SCIENCE .....	3
HIST 1301, 1302 .....	6	POLS 2301 .....	3
PHIL 1370 .....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411 .....	4
FINE ARTS .....	3	MATH 3313 .....	3
EACH 2110 .....	1	PHYS 1407.....	4
PSYC 2471 .....	4	PHYS 1411.....	4
PEGA.....	1 or 2	PEDG 3310*, 3320* .....	6
	33-34		34
<b>Third Year</b>		<b>Fourth Year</b>	
CHEM 1406 .....	4	GEOL 4380 or BIOL 4460.....	3 or 4
GEOL 3411 .....	4	GEOL 4411.....	4
BIOL 3411 .....	4	CHEM 4321.....	3
POLS 2302 .....	3	PEDG 3350.....	3
READ 3390, 3393.....	6	PEDG 4340.....	3
BIOL 1406 .....	4	PEDG 4950.....	9
GEOL 1404.....	4		
BIOL 4311 .....	3		
PEDG 3351 .....	3		
	35		25-26

Total Hours 127 - 129

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**4 – 8 Social Studies**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1350.....	6	HIST 2321, 2322.....	6
HIST 1301, 2301.....	6	POLS 2301, 2302.....	6
PHIL 1370.....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
THEA 1310.....	3	POLS 2305, 2304.....	6
EACH 2110.....	1	HIST 2373.....	3
HLTH 1370.....	3	PEDG 3310*, 3320*.....	6
ANTH 2351.....	3		
PEGA.....	1 or 2		
	35-36		38
<b>Third Year</b>		<b>Fourth Year</b>	
SOCI 3301, 3302.....	6	POLS 4370.....	3
SOCI 3306.....	3	SOCI 4320.....	3
SOCI 3320.....	3	HIST 4311.....	3
MATH 3312, 3313.....	6	PEDG 3351.....	3
BIOL 3411.....	4	PEDG 4340.....	3
GEOL 3411.....	4	PEDG 4950.....	9
READ 3390, 3393.....	6		
PEDG 3350.....	3		
	35		24
<b>Total Hours 132-133</b>			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

**EC – 4 Generalist/EC – 12 Special Education**

<b>First Year</b>		<b>Second Year</b>	
ENGL 1301, 1302.....	6	ENGL Lit (2000 level).....	3
MATH 1314, 1350.....	6	PSYC 2301 or SOCI 1301.....	3
HIST 1301, 1302.....	6	POLS 2301, 2302.....	6
PHIL 1370.....	3	PHYS 2411.....	4
COMM 1315.....	3	CHEM 2411.....	4
HLTH 1370.....	3	KINT 3370.....	3
THEA 1310.....	3	PEDG 3310*, 3320*.....	6
EACH 2110.....	1	MATH 3312, 3313.....	6
PEGA.....	1 or 2	SPED 2371.....	3
	32-33		38
<b>Third Year</b>		<b>Fourth Year</b>	
ARTS 3371.....	3	SPED 4342.....	3
MUSI 3371.....	3	PEDG 3350, 3351.....	6
BIOL 3411.....	4	PEDG 4340.....	3
GEOL 3411.....	4	READ 3393.....	3
READ 3330, 3390.....	6	EACH 4303.....	3
ENGL 4305.....	3	SPED 4311.....	3
SOCI 3301, 3302.....	6	PEDG 4950.....	9
SPED 3305, 3372.....	6		
SPED 4308.....	3		
	38		30
<b>Total Hours 138-139</b>			

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

### 4 – 8 Generalist/EC – 12 Special Education

First Year	Second Year
ENGL 1301, 1302..... 6	ENGL Lit (2000 level)..... 3
MATH 1314, 1350 ..... 6	SPED 2371 ..... 3
HIST 1301, 1302 ..... 6	POLS 2301, 2302 ..... 6
PHIL 1370 ..... 3	PHYS 2411..... 4
COMM 1315..... 3	CHEM 2411..... 4
THEA 1310 ..... 3	MATH 3312 ..... 3
EACH 2110 ..... 1	ENGL ADV LIT ..... 3
PSYC 2301 or SOCI 1301 ..... 3	ENGL 3320..... 3
PEGA..... 1 or 2	PEDG 3310*, 3320* ..... 6
<u>32-33</u>	<u>35</u>
Third Year	Fourth Year
ENGL 3340..... 3	MATH 3316 ..... 3
ENGL 3316, 3360, or 3370 ..... 3	ENGL 4310..... 3
BIOL 3411 ..... 4	SPED 4311 ..... 3
GEOL 3411 ..... 4	PEDG 3350..... 3
SOCI 3301, 3302 ..... 6	PEDG 3351..... 3
MATH 3311, 3313 ..... 6	PEDG 4340..... 3
SPED 3372 ..... 3	SPED 3305 ..... 3
SPED 4307, 4308 ..... 6	PEDG 4950..... 9
READ 3390..... 3	
<u>38</u>	<u>30</u>

Total Hours 135-136

*\*You must apply and be pre-admitted into Teacher Education Program before enrolling. Full admission to the Teacher Education Program and Student Teaching is explained previously in this catalog.*

## Secondary – Certification

Students desiring to certify in Secondary Education must first earn a degree in a teaching discipline. For degree and certification advisement purposes, students should report to their major department. Twelve hours must be advanced (3000-4000 level).

(Certification options are listed below)

**Art (All Levels)** See Department of Art.

**Life Science** See Department of Biology.

**Dance (All Levels)** See Department of Music, Theatre, and Dance.

**English, Language Arts and Reading (8-12)** See Department of English and Foreign Languages.

**French (8-12)** See Department of English and Foreign Languages.

**Health (8-12)** See Department of Health and Kinesiology.

**Hearing Impaired (All Levels)** See Department of Communication Disorders and Deaf Education.

**History (8-12)** See Department of History.

**Journalism (8-12)** See Department of Communication.

**Life Science (8-12)** See Department of Biology.

**Vocational Home Economics (8-12)** See Department of Family and Consumer Sciences.

**Mathematics (8-12)** See Department of Mathematics.

**Music (All Levels)** See Department of Music, Theatre, and Dance.

**Kinesiology (All Levels)** See Department of Health and Kinesiology.

**Physical Science (8-12)** See Department of Chemistry.

**Social Studies (8-12)** See Dean of College of Arts and Sciences.

**Spanish (8-12)** See Department of English and Foreign Languages.

**Speech (All Levels)** See Department of Communication.

**Theatre (All Levels)** See Department of Music, Theater, and Dance.

## Professional Pedagogy Courses

Students must apply and be accepted into the Pre-Admission to Teacher Education to enroll in PEDG 3310 and/or PEDG 3320. Students must be unconditionally admitted to Teacher Education to enroll in Pedagogy courses subsequent to PEDG 3310 and PEDG 3320.

### Early Childhood (EACH)

- |             |   |              |
|-------------|---|--------------|
| <b>2110</b> | <b>Introduction to Teacher Education</b><br>An orientation to the organization and professional components of dedication in the United States with emphasis on Teacher Education in Texas.<br><i>Prerequisite: Sophomore standing.</i>  | <b>1:1:0</b> |
| <b>4303</b> | <b>Instructional Strategies for Early Childhood</b><br>A comprehensive study of methods and materials for early childhood/elementary age children. Focus on oral language experiences, science and mathematics concepts and creative expression during a field based semester.<br><i>Prerequisite: Junior standing.</i> | <b>3:3:0</b> |
| <b>4305</b> | <b>Research of Early Childhood Curriculum Content</b><br>An investigation of research studies in learning theories and instructional practices for early childhood education.<br><i>Prerequisite: Senior standing or Post-Baccalaureate; EACH 4303.</i>   | <b>3:3:0</b> |

### Professional Pedagogy Courses (PEDG)

- |             |  |              |
|-------------|--|--------------|
| <b>1271</b> | <b>College Reading and Writing Skills</b><br>Provide procedures, practices, and individual help with reading assignments, writing papers, taking essay examinations, and taking lecture notes. Not applicable to TEA certification plans.  | <b>2:1:2</b> |
| <b>3310</b> | <b>Child and Adolescent Development</b><br>A study of the psychological development of children from birth through adolescence with emphasis on physical, cognitive and social development processes.<br><i>Prerequisite: Pre-Admission into Teacher Education.</i>  | <b>3:3:0</b> |
| <b>3320</b> | <b>Human Learning: Educational Application and Assessments</b><br>Principles of psychological problems involved in education with emphasis on learning theories and the practical application of psychological principles to learning. Use of tests and assessments to improve instructional decisions.<br><i>Prerequisite: Pre-Admission into Teacher Education.</i>  | <b>3:3:0</b> |
| <b>3350</b> | <b>Mathematics/Science Methods for Elementary School Teachers</b><br>This course for preprofessional elementary school teachers includes instructional strategies, materials selection, learning activities, lesson planning, diagnostic techniques, and methods of evaluation of mathematics and science learning.<br><i>Prerequisite: PEDG 3310; PEDG 3320; Admission into Teacher Education; MATH 1314; MATH 1350 (EC-4) or MATH 1316 (4-8); MATH 3313 (prerequisite or co-requisite); PHYS 2411 and CHEM 2411 (one prerequisite and one co-requisite).</i> | <b>3:3:0</b> |
| <b>3351</b> | <b>Language Arts and Social Studies Methods for Elementary School Teachers</b><br>This course includes instructional strategies, learning activities, lesson planning, and methods of evaluation for teaching social studies and language arts in the elementary schools. Emphasis is on subject matter integration.<br><i>Prerequisite: admitted to Teacher Education; PEDG 3310 and 3320, READ 3390, READ 3330 and SOCI 3301. Completed or co-enrolled in: READ 3393 and SOCI 3302.</i>  | <b>3:3:0</b> |
| <b>3380</b> | <b>Secondary Curriculum and Methodology</b><br>The structure and organization of the curriculum, materials, methods, and types of assessment used in secondary schools.<br><i>Prerequisite: Student must be enrolled the semester prior to Student Teaching; PEDG 3310 and 3320.</i>   | <b>3:3:0</b> |

- 3391 Materials and Resources for Teaching Reading** 3:3:0  
The course is a concentration on planning, producing, selecting, organizing and evaluating instructional materials and the technology/multimedia to be used in teaching of language and literacy development of a balanced reading program.  
*Prerequisite: READ 3390.*
- 4301 Institute or Workshop in Education** 3:3:0  
A number of institutes or workshops are designed, to advance the professional competence of teachers. For each, a description of the particular area of study will be indicated. May be repeated for credit when nature of workshop or institute differs sufficiently from one previously taken.
- 4306 Special Topics** 3:3:0  
Significant topics in Elementary, Secondary and Special Education. The description of the particular area of study will appear on the printed semester schedule. A student may repeat for a maximum of six semester hours when the area of study is different.  
*Prerequisite: Be admitted to Teacher Education.*
- 4340 Managing the Early Childhood/Elementary Environment** 3:3:0  
A course of study to explore through comparison, analysis, evaluation, and practice eclectic theories and diverse strategies related to effective classroom management. Factors that contribute to a total learning environment with emphasis on helping students become self-regulated learners are probed.  
*Prerequisite: Admitted to Teacher Education; PEDG 3310 and 3320.*
- 4380 Secondary Methodology and Classroom Management** 3:3:0  
A course of study in exploring the theories and diverse strategies related to effective classroom management. Factors that contribute to a total learning environment with emphasis on helping students become self regulated learners are probed.  
*Prerequisite: Students must enroll the semester prior to Student Teaching; PEDG 3310 and 3320.*
- 4920 Student Teaching in the Secondary School** 6:A:0  
Supervised observation and teaching in the secondary school.  
*Prerequisite: See Admission to Student Teaching in this catalogue. All day in secondary professional semester classroom, five days per week for 10 weeks.*
- 4930 Student Teaching-Special** 6:A:0  
Special student teaching situations designed for students working all level certificates, special education, early childhood education and speech and hearing.
- 4950 Student Teaching in the Elementary School** 6:A:0  
Supervised observation and teaching in the elementary school.  
*Prerequisite: See Admission to Student Teaching in this catalogue. Class: All day in elementary professional semester. Meet criteria for admission to student teaching professional semester.*

## Reading (READ)

- 3326 Reading/Literacy Strategies for the Content Areas** 3:3:0  
This course is designed to provide the basic principles, concepts and procedures of reading and to enable prospective teachers to incorporate reading instructional techniques effectively into the content areas. Emphasis will be placed on the sound. teaching practices within the confines of the content area classroom.  
*Prerequisite: Junior standing.*
- 3330 Language Arts in Early Childhood and Elementary Schools** 3:3:0  
The study and use of materials and techniques in the teaching of oral and written communication in the early childhood and the elementary school years.  
*Prerequisite: Junior standing; PEDG 3320.*
- 3360 Children's and Young Adult Literature** 3:3:0  
A study designed to provide students with information about children's books, periodicals and related media and their use with children. Techniques and materials for motivating children to develop a continuing interest in reading.  
*Prerequisite: Junior be admitted to Teacher Education.*
- 3390 Literacy Development and Reading Instruction in the Elementary School** 3:3:0  
Factors related to literacy development and elementary reading instruction in a diverse classroom; appropriate assessment and instructional techniques.  
*Prerequisite: Junior standing and READ 3330 (SPED 3305 Special Education only).*
- 3392 Materials and Resources for Teaching Reading in the Secondary School** 3:3:0  
The course is a concentration on planning, producing, selecting, organizing and evaluating instructional materials and technology/multimedia to be used in teaching of language and literacy development for a balanced language arts program.  
*Prerequisite: READ 3326, 3360.*

- 3393 Emergent Literacy** 3:3:0  
A study of the language development of the child with emphasis on the interrelatedness of all aspects of language acquisition and appropriate practices for developing these skills including phonemic awareness, alphabetic principle and the knowledge of teaching phonics.  
*Prerequisite: Be admitted to Teacher Education.*
- 4310 Diagnostic Prescriptive Procedures for Literacy Development** 3:3:0  
Techniques for ascertaining reading strengths and weaknesses. Planning and implementing instruction to meet individual needs.  
*Prerequisite: Junior standing and READ 3390.*
- 4344 Integrating Reading & Media** 3:3:0  
Instruction and application of integrated reading methods and strategies through use of multimedia including, but not limited to video, audio, film, virtual, simulated and interactive software, and the Internet.  
*Prerequisites: READ 3330, 3360, 3390 and PEDG 3391, be admitted to Teacher Education.*
- 4390 Practicum: An Application of Reading Instruction** 3:3:0  
Participation in a directed field experience. The students will participate in the delivery techniques via activities for effective reading instruction  
*Prerequisite: READ 3330, 3360, 3390, 3391, and 4310.*

## Special Education (SPED)

- 2371 Foundations of Special Education** 3:3:0  
An orientation to background, terminology and programs for those who are exceptional. Designed as an overview of Special Education. A first course for those planning to certify in Special Education.
- 3305 Instructional Alternatives for Teaching Reading and Language Arts to the Exceptional Learner** 3:3:0  
Identification of skill deficiencies, modification of curriculum, designing and implementation of instructional strategies for pupils evidencing disabilities in reading and language arts.  
*Prerequisite: PEDG 2371, be admitted to Teacher Education.*
- 3372 Behavior Modification & Classroom Management for the Student with Exceptionalities** 3:3:0  
Principles of normal and abnormal child growth and development. Nature and causes of behavioral and physical characteristics and basic techniques of management.  
*Prerequisite: SPED 2371.*
- 4307 Interventions for the Inclusive Classroom** 3:A:0  
Instructional model, methodologies, and materials appropriate for the exceptional learner in an inclusive classroom. The student will be expected to spend at least fifty percent of the course time involved directly in a practicum-based setting.  
*Prerequisite: SPED 3305.*
- 4308 Appraisal Processes in Programming for the Exceptional Individual** 3:3:0  
Formal and informal methods of appraising the educational needs of the exceptional learner and the use of interpretative data to prescribe appropriate curriculum modification, instructional materials, teaching strategies and classroom management.  
*Prerequisite: SPED 2371, 3372.*
- 4309 Curriculum and Instructional Processes for Student with Mild/Moderate Exceptionalities** 3:3:0  
Includes instructional models, methodologies and materials appropriate for the learner with mild/moderate disabilities. Field based and technology components.  
*Prerequisite: SPED 2371, 3372, and 4307.*
- 4311 Curriculum and Instructional Processes for Students with Severe/Profound Exceptionalities** 3:A:0  
(Field-based and Technology component)  
Instructional strategies that include models, methodologies, and materials appropriate for the learner with severe/profound disabilities.  
*Prerequisite: SPED 2371, 3372, and 4307.*
- 4320 Seminar in Professional Development** 3:3:0  
Focuses on the organization and professional components of American Education, Historical and current issues of education today.  
*Prerequisite: Student teaching component.*
- 4342 Diversity of Learners**  
A study of new diversity in the classroom and how the community may affect learning. Interns will learn how to create a classroom environment in which the diversity of the group and the uniqueness of individuals are recognized and celebrated.  
*Prerequisite: Junior standing; SPED 2371, 3372, and 4307.*

## Department of Family and Consumer Sciences

**Department Chair:** Connie Ruiz

**118 Family and Consumer Sciences Bldg.  
Phone 880-8663**

**Associate Professors:** Ruiz, Shows, Wallet-Chalambaga

**Assistant Professors:** Dahm, Droddy, Eisen, Gachot

**Lecturer:** Duit

**Clinical Instructor:** Killough

### Bachelor of Science in Family and Consumer Sciences

The Department of Family and Consumer Sciences offers undergraduate instruction leading to the Bachelor of Science degree in Family and Consumer Sciences. The program is designed to prepare students for a professional career as well as for graduate study.

The Department offers a general program in Family and Consumer Sciences, as well as opportunities for specialized professional preparation in the areas of teacher certification, foods/nutrition/dietetics, family studies, fashion retailing and merchandising, interior design, and hospitality management. A Master of Science degree in Family and Consumer Sciences is offered, as well as a Dietetic Internship. These programs are described in the Graduate Bulletin. Students may minor in Family and Consumer Sciences by earning 18 semester hours of credit approved by the department chair.

The Bachelor of Science degree in Family and Consumer Sciences will be awarded upon the completion of the following requirements:

- A. Meet the University's degree requirements as described in the section on Academic Policies and Procedures.
- B. Complete the Family and Consumer Sciences core curriculum requirements:
  - FCSC 1377 Intimate Relationships: Marriage and the Family
  - FCSC 3300 Consumer Economics
  - FCSC 4301 Senior Seminar
- C. Attain a 2.0 grade point average in FCS courses.
- D. Complete one of the degree programs described in the following pages.

### Suggested Programs of Study

#### Family and Consumer Sciences – General

**Advisor:** Kim Wallet-Chalambaga

**124 FCS Bldg.**

The general program provides a broad background of preparation for the student who wishes to work as a Family and Consumer Science Professional in one of many varied career options.

<b>First Year</b>	
Eng Comp.....	6
Math (core).....	6
Lab Science (core) .....	8
PHIL 1370 Phil of Knowledge.....	3
Computer Sci .....	3
FCSC 1375 Visual Design.....	3
FCSC 1377 Intimate Relationships .....	3
	32

<b>Third Year</b>	
HIST 1301-1302.....	6
FCSC 3300 Consumer Economics.....	3
FCSC 1315 Food Preparation.....	3
FCSC 3340 Child & Adolescent Dev.....	3
FCSC 3000-4000 Elective.....	3
FCSC 3000-4000 Elective.....	3
Area of emphasis.....	9
	30

<b>Second Year</b>	
Eng Lit.....	3
FCSC 2371 .....	3
POLS 2301, 2302 .....	6
Soc Sci (Core) .....	3
FCSC 1320 Textiles .....	3
FCSC 1322 Nutrition/Diet.....	3
Fine Arts (Core) .....	3
Elective .....	6
PEGA.....	1
	31

<b>Fourth Year</b>	
FCSC 3316 Family Resources .....	3
FCSC 4301 Senior Seminar.....	3
FCSC 4327 .....	3
FCSC 4330 .....	3
FCSC 4350 Consumer Housing.....	3
FCSC 4390 Family Resource Management .....	3
FCSC 4367 Field Experience .....	3
COMM or foreign language (core) .....	3
Area of emphasis.....	9
	33

## Family and Consumer Sciences Teacher Certification

**Advisor:** Connie Ruiz

**118 FCS Bldg.**

The teacher certification program provides professional training for careers requiring technical knowledge of family and consumer sciences, as well as expertise in instructional methods. Students must meet admission and certification requirements of the Lamar University Teacher Education Program outlined elsewhere in this Bulletin.

### Suggested Program of Study

<b>First Year</b>	
Eng Comp.....	6
Lab Science.....	4
MATH (core).....	6
PHIL 1370 Philosophy of Knowledge.....	3
FCSC 1315 Food Preparation.....	3
FCSC 1374 Lodging.....	3
FCSC 1377 Intimate Relationships .....	3
PEGA.....	1
	29

<b>Third Year</b>	
COMM 1315 Pub Speaking.....	3
HIST 1301-1302.....	6
PEDG 3310 .....	3
PEDG 3320 Human Learning .....	3
FCSC 4333 .....	3
FCSC 3380 Principles of Presentation.....	3
FCSC 3360 Quantity Foods.....	3
FCSC 3300 Consumer Economics.....	3
Soc Sci (core).....	3
FCSC 3390 Family Seminar OR	
FCSC 4327 Parenting.....	3
	33

<b>Second Year</b>	
Eng Lit.....	3
Lab Science.....	4
POLS 2301-2302.....	6
FCSC 1320 Textiles .....	3
FCSC 2383 Apparel Analysis/Eval.....	3
FCSC 1322 Nutrition/Diet.....	3
FCSC 3340 Child & Adolescent Dev.....	3
Fine Arts (Core) .....	3
SPED 2371 Foundations of Special Education ..	3
	31

<b>Fourth Year</b>	
READ 3326 Reading Strategies .....	3
FCSC 4350 Consumer Housing.....	3
FCSC 4301 Senior Seminar.....	3
FCSC 4308 World of Work .....	3
FCSC 4380 Classroom Strategies for Voc. H.E. ..	3
FCSC 4390 Family Resource Management .....	3
PEDG 4920 Student Teaching .....	9
PEDG 4380 Classroom Management .....	3
	30

## Dietetics

**Advisors:** Connie Ruiz  
Amy Shows

**118 FCS Bldg.**  
**132 FCS Bldg.**

The academic curriculum is accredited by the American Dietetic Association (ADA) as a Didactic Program in Dietetics. Graduates of the program are eligible to apply for an ADA-accredited dietetic internship. After successful completion of an internship, an individual is eligible to take the Registration Examination for Dietitians and, upon passing, become a Registered Dietitian.

### Suggested Program of Study

#### First Year

PHIL 1370 Philosophy of Knowledge .....	3
Eng Comp .....	6
BIOL 2401-2402 .....	8
MATH (core).....	3
PSYC 2301 .....	3
FCSC 1315 Food Preparation .....	3
FCSC 1322 Nutrition/Diet .....	3
HLTH 1370 .....	3
	32

#### Third Year

HIST 1301-1302 .....	6
BIOL 2420.....	4
FCSC 3314 Food & Beverage Controls & Syst.....	3
FCSC 3313 Facilities Layout and Design.....	3
FCSC 3300 Consumer Economics .....	3
FCSC 3330 Nutritional Biochemistry .....	3
FCSC 4307 Nutrition Thru Life .....	3
FCSC 3360 Quantity Food Systems Mgmt.....	3
Elective .....	3
	31

#### Second Year

Eng Lit (core) .....	3
POLS 2301-2302.....	6
CHEM 1406-1408 .....	8
FCSC 1377 Intimate Relationships.....	3
SOCI 1301 .....	3
Fine Arts (core).....	3
Elective .....	3
PEGA.....	1
	30

#### Fourth Year

ENGL 3310 Tech Report Writ or BCOM 3350.....	3
COMM 3340 Interviewing or COMM 1315.....	3
MATH 1342 Elem Stat OR PSYC 2471.....	3
FCSC 3320 Advanced Nutrition .....	3
FCSC 4301 Senior Seminar.....	3
FCSC 4300 Diet Therapy I .....	3
FCSC 4315 Diet Therapy II .....	3
FCSC 4317 Community Nutrition .....	3
FCSC 4347 Advanced Foods .....	3
FCSC 4360 or MGMT 3310.....	3
	30

## Foods and Nutrition

**Advisors:** Connie Ruiz  
Amy Shows

**118 FCS Bldg.**  
**132 FCS Bldg.**

A student selecting the Foods and Nutrition Program works closely with the advisor in structuring a course of study compatible with the student's career goals and nutrition interests. The student has the opportunity to obtain an 18-hour concentration in a related field, such as health, science, business, hospitality management, psychology, kinesiology, etc.

### Suggested Program of Study

<b>First Year</b>	<b>Second Year</b>
PHIL 1370 Philosophy of Knowledge .....3	Eng Lit (core) ..... 3
Eng Comp .....6	POLS 2301-2302 ..... 6
BIOL 2401-2402 ..... 8	Comm (core).....3
Math (core) .....3	Math (core)..... 8
Social Science (core).....3	FCSC 1377 Intimate Relationships..... 3
FCSC 1315 Food Preparation .....3	BIOL 2420 ..... 3
FCSC 1322 Nutrition/Diet .....3	Fine Arts (core)..... 3
HLTH 1370 .....3	Elective ..... 3
32	PEGA..... 1
	29
<b>Third Year</b>	<b>Fourth Year</b>
HIST 1301-1302 .....6	FCSC 4301 Senior Seminar..... 3
FCSC 3300 Consumer Economics .....3	FCSC 4317 Community Nutrition ..... 3
FCSC 4307 Nutrition Thru Life.....3	FCSC 3000-4000 Nutrition..... 9
FCSC 3000-4000 Nutrition .....9	Supporting Electives ..... 6
Supporting Concentration .....9	Supporting Concentration ..... 9
30	30

## Family Studies

**Advisor:** Kim Wallet-Chalambaga

**124 FCS Bldg.**

The Family Studies program prepares the student for a career in private and governmental agencies that serve children and families. Courses equip the student to aid individuals and families in solving problems related to personal and family relationships as well as consumer skills. Field experiences required by various courses utilize the Lamar University Early Childhood Development Center and various social agencies.

### Suggested Program of Study

<b>First Year</b>	<b>Second Year</b>
Eng Comp .....6	COMM or Foreign Language..... 3
Math (core) .....3	Eng Lit ..... 3
Lab Science (core) .....8	Math (core)..... 3
FCSC 1377 Intimate Relationships .....3	POLS 2301-2302 ..... 6
Fine Arts (Core) .....3	Computer Science ..... 3
Soc Sci (Core) .....3	FCSC 1322 Nutrition/Diet..... 3
PHIL 1370 Phil of Knowledge .....3	Elective ..... 3
PEGA..... 1	Minor ..... 6
30	30

<b>Third Year</b>	
HIST 1301-1302 .....	6
FCSC 3300 Consumer Economics .....	3
FCSC 3340 Child & Adolescent Dev .....	3
FCSC 3316 Family Resources .....	3
FCSC 4326 Family Violence OR	
FCSC 4328 Single Parent Fam .....	3
ANTH 3310 or SOCI 3350 .....	3
FCSC 4329 Family Communication.....	3
Supporting courses .....	6
	30

<b>Fourth Year</b>	
FCSC 4333 .....	3
FCSC 4301 Senior Seminar.....	3
FCSC 4307 Nutr thru Life .....	3
FCSC 4327 Parenting .....	3
FCSC 3390 Sem in Family & Human Rel .....	3
FCSC 4367 Field Experience .....	3
Electives.....	6
Supporting courses .....	6
	30

## Fashion Retailing and Merchandising

**Advisor:** Connie Ruiz

**118 FCS Bldg.**

The Fashion Retailing and Merchandising specialization provides professional training for positions in fashion coordination, visual merchandising, buying and retail management. The curriculum includes on-the-job training through an internship program. Students may elect to study at the Fashion Institute of Technology in New York during their junior year.

### Suggested Program of Study

<b>First Year</b>	
PHIL 1370 Philosophy of Knowledge.....	3
Eng Comp.....	6
MATH (core).....	3
Lab Science (core) .....	4
COSC 1371.....	3
FCSC 1370 Social Aspects of Clothing.....	3
FCSC 1377 Intimate Relationships.....	3
FCSC 1320 Textiles .....	3
PEGA.....	1
	29

<b>Second Year</b>	
Eng Lit.....	3
HIST 1301 .....	3
Lab Science (core) .....	4
MATH (core) .....	3
POLS 2301.....	3
ECON 1301 .....	3
FCSC 2383 Apparel Analysis/Evaluation .....	3
FCSC 2379 Visual Merchandising & Display .....	3
FCSC 2385 Intro to Fashion Retailing.....	3
COMM (core) or Foreign Language .....	3
	31

<b>Third Year</b>	
Elective .....	3
HIST 1302 .....	3
ACCT 2301.....	3
POLS 2302 .....	3
MKTG 3310.....	3
Fine Arts Core.....	3
FCSC 3300 Consumer Economics.....	3
FCSC 3370 Fashion Promotion.....	3
MKTG 3360.....	3
MKTG 3350.....	3
	30

<b>Fourth Year</b>	
MKTG 3330 .....	3
BCOM 3350 .....	3
BULW 3310.....	3
FCSC 4301 Senior Seminar.....	3
FCSC 4340 Fashion Production & Distribution .	3
MGMT 3310.....	3
Elective .....	3
FCSC 4367 Field Experience .....	3
MGMT 3330.....	3
MKTG 4310 .....	3
	30

## Interior Design

**Advisor:** Sarajane Eisen, Richard Gachot

**126 FCS Bldg.**

The Interior Design specialization provides professional training for a wide range of design problems extending from personal to public environments. The program provides the student with a well rounded education in the needs of individuals and families in addition to an in-depth study of interior design. The program also provides the student with a minor in art. Supporting courses, such as architectural graphics and computer aided design (CAD) develop skills in areas that are essential in today's

market. Lamar interior design students have an active student chapter of the American Society of Interior Design (ASID), involving members in field experiences, fund-raising activities, student design exhibitions, and design competitions.

### Suggested Program of Study

<b>First Year</b>	
Eng Comp.....	6
MATH (core).....	3
HIST 2373-2374 or 1301-1302.....	6
FCSC 1375 Visual Design.....	3
ARTS 1316 Drawing I.....	3
ARTS 1301 Art Appreciation.....	3
PHIL 1370 Philosophy of Knowledge.....	3
FCSC 1376 Architectural Graphics.....	3
FCSC 2375 History of Arch & Int Des I.....	3

33

<b>Third Year</b>	
ACCT 2301 Prin Accounting.....	3
POLS 2301-2302.....	6
Lab Science (core).....	4
FCSC 3307 Comp Interior Design.....	3
FCSC 3305 Int Des Studio I - Residential Des.....	3
ARTS 1303 Art History Survey I.....	3
FCSC 3300 Consumer Eco.....	3
FCS 3327 Treatments of Interior Design.....	3
Soc Sci (core).....	3
ARTS 3313.....	3

34

<b>Second Year</b>	
Eng Lit.....	3
COMM or Foreign Language.....	3
FCSC 1377 Intimate Relationships.....	3
MATH (core).....	3
FCSC 1320 Textiles.....	3
FCSC 2381 Hist Arch & Int Des II.....	3
FCSC 2387 Intro to Interior Design.....	3
PHYS 1407.....	4
ARTS 1312 Design II.....	3
PEGA.....	1
FCSC Elective.....	3

32

<b>Fourth Year</b>	
FCSC 3350 Interior Design Studio II Commercial Design.....	3
FCSC 4305 Interior Design Studio III.....	3
FCSC 4367 Field Experience.....	3
FCSC 4344 CAD.....	3
ARTS 1304 Art History Survey II.....	3
Art Elective (must include lab).....	3
FCSC 4344 CAD.....	3
FCSC 4301 Senior Seminar.....	3
Supporting Electives (Bus/Psy).....	6

30

## Hospitality Administration

**Advisor:** Molly Dahm

**128 FCS Bldg.**

The Hospitality Administration program is designed to provide students with the competencies they need to succeed in and contribute to a growing travel and tourism industry. This program will qualify the student for a wide variety of careers in the hospitality industry, including management positions in hotels, motels, restaurants, resorts, private clubs, catering operations, hospital foodservice, school foodservice, rail dining (AMTRAK), cruise ship dining, as well as, vendors supplying these activities. A number of scholarships are available from the Sabine Area Restaurant Association, as well as the national and state restaurant associations.

### Suggested Program of Study

<b>First Year</b>	
Eng Comp.....	6
MATH (core).....	3
Lab Science (core).....	8
PHIL 1370 Philosophy of Knowledge.....	3
FCSC 1315 Food Preparation.....	3
FCSC 1371 Public Hlth & Safety Mgmt.....	3
FCSC 1372 Intro to Hospitality Industry.....	3
FCSC 2372 Menu and Service Mgmt.....	3
PEGA.....	1

33

<b>Second Year</b>	
Eng Lit.....	3
ECON 1301 Principles & Policies.....	3
POLS 2301-2302.....	6
ACCT 2301.....	3
FCSC 1377 Intimate Relationships.....	3
FCSC 1374 Lodging and Property Mgmt.....	3
FCSC 2324 Commercial Food Production I.....	3
FCSC 2371 Public/Inst Fac Mgmt.....	3
FCSC 3314 Food & Bev Controls and Systems ..	3
FCSC 3313 Facilities Layout & Design.....	3

33

Third Year	Fourth Year
COMM OR Foreign Language ..... 3	FCSC 4311 Travel & Tourism ..... 3
HIST 1301-1302 ..... 6	FCSC 3360 Quantity Foods ..... 3
MATH (core) ..... 3	FCSC 4357 Operational Analy for Hosp Mgr ..... 3
Fine Arts (core) ..... 3	FCSC 4367 Field Experience ..... 3
FCSC 3300 Consumer Economics ..... 3	FCSC 4301 Senior Seminar ..... 3
FCSC 2374 Hospitality Practicum or Elective.... 3	MGMT 3330 Human Resources Management.... 3
FCSC 2376 Convention, Cater, Meeting Mgmt... 3	FCSC 4312 OR BULW Business Law ..... 3
FCSC 2370 Bev Mgmt & Wine Appreciation..... 3	FCSC 4314 OR MKTG 3310 ..... 3
FCSC Hospitality Electives ..... 6	FCSC 4360 OR MGMT 3310 ..... 3
	FCSC Hospitality Electives ..... 6
33	33

## Family and Consumer Sciences Courses (FCSC)

<b>1301* Chef's Essentials</b>	<b>3:3:0</b>
This course introduces the new culinary student to the basic concepts, tools and techniques of the trade. Topics include standards of professionalism, careers in the culinary arts, the organizational structure of a commercial kitchen, culinary terminology, reading and understanding recipes, kitchen tools and equipment, sanitation and safety. Students will achieve competency in knife handling skill before moving on to learning the fundamentals of stocks, soups and sauces presentation.	
<b>1315 Food Preparation/Meal Management</b>	<b>3:2:4</b>
Study of food science principles and their application in the preparation of foods and food products.	
<b>1320 Textiles</b>	<b>3:3:0</b>
A study of the physical and chemical properties of textiles. Emphasis production of fabrics and consumer selection of products.	
<b>1322 Nutrition/Diet</b>	<b>3:3:0</b>
Introduction to nutrition including functions, sources, characteristics, and recommended intake of nutrients; digestion; absorption, and metabolism; special needs during various phases of the life cycle; diet therapy and patient assessment, education and counseling during illness.	
<b>1370 Social Aspects of Clothing</b>	<b>3:3:0</b>
An interdisciplinary approach to clothing emphasizing the cultural, psychological, sociological and economical aspects of wearing apparel.	
<b>1371 Public Health and Safety Management</b>	<b>3:3:0</b>
A study of sanitation and safety standards and the responsibilities of personnel in the foodservice industry. Economic aspects of providing and managing these services is addressed. May lead to NRA certification.	
<b>1372 Introduction to the Hospitality Industry</b>	<b>3:3:0</b>
Overview of the hospitality industry, historical perspectives, analysis of the industry as a profession, along with professional opportunities and future outlook. Includes insight into the critical role of understanding and working with cultural diversity.	
<b>1373 Purchasing for the Foodservice and Lodging Industry</b>	<b>3:3:0</b>
Insight into the role of the professional buyer in the commercial hospitality industry and the skills and knowledge necessary to select and procure quality goods at the appropriate time and cost for a hospitality operation.	
<b>1374 Lodging and Property Management</b>	<b>3:3:0</b>
Survey of the lodging industry including history, growth, current issues, and the manager's role with emphasis on front office procedures and audit. Related facility management and services in the private club industry.	
<b>1375 Visual Design</b>	<b>3:2:3</b>
Study of art elements with experiences in applying the principles of design. Develops an appreciation of natural and man-made designs in the daily environment including cultural influences.	
<b>1376 Architectural Graphics</b>	<b>3:2:2</b>
Introduction to graphic communication techniques for interior design: architectural lettering, mechanical drafting and multi-view projections. Interior and exterior design of the home. Complete plans for one-story residence will be drawn by each student.	
<b>1377 Intimate Relationships: Marriage and the Family</b>	<b>3:3:0</b>
A study of the individual and the family. Special emphasis on individual development, interpersonal relationships, sexuality, tasks of marriage, work and the family and parenting skills in relation to the family life cycle.	

<b>2170</b>	<b>Customer Relations in the Service Industry</b>	<b>1:1:0</b>
	The leading determinant of success in the service industry is the ability to deliver quality customer service. This course reviews the essentials of anticipating customer needs through the study of the Service Cycle and active role play.	
<b>2303</b>	<b>Commercial Baking</b>	<b>3:1:4</b>
	Practical study of the basic equipment, tools, and techniques required to prepare basic breads, pastries, and desserts for commercial food operations. Students develop an understanding of baking science and recipe conversions. <i>Prerequisite: FCSC 1315</i>	
<b>2324</b>	<b>Commercial Foods Production I</b>	<b>3:2:3</b>
	Concepts and hands-on skills related to food production in a commercial environment. A presentation of the primary pieces of commercial food equipment, its proper use, care, and sanitation. Students produce typical commercial hot foods including appetizers, soups and sauces, egg and farinaceous dishes, and meat and fish entrees.	
<b>2370</b>	<b>Beverage Management and Wine Appreciation</b>	<b>3:2:2</b>
	A survey of the beverage service sector of the hospitality industry including spirits, wines, and beers; purchasing, resource control, marketing, physical plant requirements, and staffing. Additional emphasis on tasting and description of wines; service and selection of wines to enhance foods.	
<b>2371</b>	<b>Public and Institutional Facilities Management</b>	<b>3:3:0</b>
	Analysis of public and recreational aspects of the hospitality industry focus on sports and entertainment. Addresses issues of staffing, customer service, concessions operations, legal issues, financial administration, marketing, and promotion.	
<b>2372</b>	<b>Menu and Service Management</b>	<b>3:3:0</b>
	Application of foodservice management principles to the menu and the activities it generates. Analysis of menu profitability. Additional emphasis on service management.	
<b>2374</b>	<b>Hospitality Practicum I</b>	<b>3:A:0</b>
	Introductory field experience in a hospitality environment; designed to provide the student with practical experience in a particular area of expertise. 150 hours.	
<b>2375</b>	<b>History of Architecture and Interior Design I</b>	<b>3:3:0</b>
	Interiors, exterior architecture, furnishings, and cultural influences of ancient times through the 17th century.	
<b>2376</b>	<b>Convention, Meeting, and Catering Management</b>	<b>3:3:0</b>
	Investigation of group markets with special needs for services, lodging, and food with beverage components. Related planning procedures with emphasis on catering services.	
<b>2379</b>	<b>Visual Merchandising and Display</b>	<b>3:3:0</b>
	Techniques for visual presentation used to maximize product sales potential; focus is on display and merchandising a sales area.	
<b>2381</b>	<b>History of Architecture and Interior Design II</b>	<b>3:3:0</b>
	Interiors, exterior architecture, furnishings, and cultural influences from 17th century through the present. <i>Prerequisite: FCSC 2375.</i>	
<b>2383</b>	<b>Apparel Analysis and Evaluation</b>	<b>3:3:0</b>
	Analysis of the construction quality, aesthetic properties and design components of apparel. Evaluation skills for mass produced apparel is emphasized.	
<b>2385</b>	<b>Introduction to Fashion Retailing</b>	<b>3:3:0</b>
	An introductory study of the contemporary aspects of retailing with application to fashion merchandising & retailing.	
<b>2386</b>	<b>Independent Study in Hospitality Management</b>	<b>3:3:0</b>
	Designed to afford independent learning experiences. Under supervision, the student pursues the study of individual interests in the area of hospitality management.	
<b>2387</b>	<b>Introduction to Interior Design</b>	<b>3:3:0</b>
	Introductory lecture course for interior design majors analyzing the elements and principles of design as applied to interior environments. Fundamentals of professional requirements, space planning, human factors, structural and environmental systems, properties and application of interior materials and components of architectural and regional style. <i>Prerequisite: FCSC 1375 or approval of instructor.</i>	
<b>3300</b>	<b>Consumer Economics</b>	<b>3:3:0</b>
	Consumer principles and rational decision-making skills for coping with consumer issues affecting families and individuals.	

- 
- 3305 Interior Design Studio I Residential Design** 3:2:3  
Studio experience involving architectural and interior aspects of residential interiors. Emphasis on human factors and needs of individuals and families within the context of universal design, taking into consideration cultural, regional, and geographic influences. Presentation analysis and techniques, estimates and specifications of home materials including floor and wall coverings, window treatments, furnishings, accessories and display.  
*Prerequisites: FCSC 1375, 1320, 1376 and 2387.*
- 3307 Comprehensive Interior Design** 3:3:0  
Study of structure, building materials, construction techniques, mechanical and electrical systems, working drawings, specifications, lighting sources, installations, and energy efficiency as applied to residential and commercial interiors. In-depth study of codes and regulations required or specified by law, including the Americans with Disabilities Act.  
*Prerequisites: FCSC 1376, 2387 or approval of instructor.*
- 3312 Entrepreneurship in the Hospitality Industry** 3:3:0  
Designed for those especially interested in entrepreneurship or innovation in their particular environment. Research and overview relating to ownership and development of lodging and foodservice properties.
- 3313 Facilities Layout and Design** 3:3:0  
Overview of the planning, development, and feasibility aspects of building or renovating a foodservice facility. Application of principles of work and flow analysis, spatial relationships, and equipment selection as they relate to the overall layout and design.  
*Prerequisite: FCS 3360.*
- 3314 Food and Beverage Controls and Systems** 3:3:0  
A Study of the analytical techniques used in controlling resources in the foodservice and lodging industry.  
*Prerequisite: Completion of mathematics requirement.*
- 3316 Family Resources** 3:3:0  
A survey of private and governmental agencies that serve children and families.
- 3317 Front Office Management** 3:3:0  
Functions and activities of the lodging front office which support guest transactions and services; forms, equipment, and planning tools integral to a successful property.
- 3318 Housekeeping for Lodging Properties** 3:3:0  
Functions, activities, and responsibilities of the housekeeping manager in a lodging property; planning and forecasting tools, equipment, and staffing are addressed.
- 3320 Advanced Nutrition** 3:3:0  
The advanced study of normal nutrition including digestion, absorption, and metabolism of proteins, carbohydrates, lipids, vitamins and minerals.  
*Prerequisites: FCS 1322, BIOL 2401-2402*
- 3324 Commercial Food Production II** 3:2:4  
Concepts and hands-on skills related to advanced preparation of foods for the commercial environment with particular emphasis on techniques for cold food preparation and the artistic presentation of food selections for dining rooms and buffets.  
*Prerequisites: FCSC 1315, 2303, 2324*
- 3327 Treatments of Interior Design** 3:2:3  
A study of materials and technology applied to interior environments. Emphasis on quality of materials, appropriate application, creative techniques, estimation and specification. Presentation techniques.  
*Prerequisites: FCS 133, 231 or approval of instructor.*
- 3330 Nutritional Biochemistry** 3:3:0  
Chemistry of carbohydrates, lipids, proteins, vitamins and minerals. Thorough coverage of the major energy-generating pathways.  
*Prerequisite: CHEM 1406, 1408*
- 3340 Child and Adolescent Development** 3:3:0  
A study of human development from the prenatal period through adolescence. Physical, cognitive, social, and emotional development are addressed. Observations are required in approved child care settings.
- 3350 Interior Design Studio II — Commercial Design** 3:2:3  
Studio experiences dealing with small to medium commercial building interiors, materials, environmental controls and interior furnishings. Emphasis on universal design and public welfare. Study of the impact of codes and regulations and the needs of special population groups upon the design of commercial spaces.  
*Prerequisites: FCSC 3350, 3327 and ARTS 3313.*
- 3360 Quantity Foodservice Systems Management** 3:2:3  
Overview of the management functions related to quantity food production service. Lab experiences in the field and catering function required.

- 3370 Fashion Promotion and Advertising** 3:3:0  
Evaluation of various promotion activities relating to advertising, visual merchandising, publicity, and special events. Students review research on selected consumer groups and develop promotional campaigns to reach those groups.
- 3380 Principles of Presentation** 3:3:0  
Development of curricula and techniques for presenting to groups. Provides experiential foundation for developing sound instructional programs in varied settings.
- 3390 Seminar in Family and Human Relations** 3:3:0  
In-depth study of selected topics. The family and the larger society; family structure and function; cultural patterns and life styles; community resources; and family life education.
- 4110 Special Topics in Family and Consumer Sciences** 1:1:0  
Current topics of interest which will have the area of study printed in the schedule for Lamar University. With permission of advisor, the course may be repeated as the topic varies.
- 4300 Diet Therapy I** 3:3:0  
Diets and nutritional support for selected diseases, surgery, and trauma. Medical terminology, calculation of nutrient needs for specific diseases, case studies.  
*Prerequisites: FCSC 1322, BIOL 2401-2402.*
- 4301 Senior Seminar for Professional Development** 3:3:0  
Leadership, personal style, and protocol for working as a professional. Assessment of individual strengths, areas for improvement, and interpersonal relationship skills. Includes the development and nature of the profession, entry into the profession, exploration of career options, and opportunities for graduate study. Requires development of a personal portfolio.
- 4303 Pastries and Desserts** 3:3:0  
Students will concentrate on the preparation of pastries and desserts. Topics will include chocolate and sugar work, confections, puff pastry, choux pastry, mousses, specialty cakes and tortes, meringues, bavarians and more. Students will participate in regional culinary competitions.  
*Prerequisites: FCSC 1315 and FCSC 2303.*
- 4305 Interior Design Studio III: Advanced Interior Design** 3:2:3  
Studio experiences analyzing, researching, developing, and evaluating complex interior environments in specialized areas of design. Individual and group creative problem solving. Application of business practices and ethics in interior design.  
*Prerequisite: FCSC 3305*
- 4307 Nutrition Throughout the Life Cycle** 3:3:0  
Physiological, biochemical and sociological factors that affect nutrient requirements and recommendations over the life cycle.  
*Prerequisites: FCSC 1322*
- 4308 The World of Work** 3:3:0  
A comprehensive study of competencies in occupational home economics. Requires participation in out-of-town field trips to observe laboratory settings of model programs.
- 4310 Special Topics** 3:3:0  
Special topics including workshops, seminars, and institutes in Family and Consumer Sciences. A description of the particular area of study will appear on the printed semester schedule. May be repeated when the area of study is different.
- 4311 Travel and Tourism** 3:3:0  
Designed to recount the history of travel, explore its future, and discuss the role of the components of Tourism. An opportunity to examine the economic, social, and political impacts of Tourism as well as methods of forecasting demand. Focus is on the importance of the planner, the travel agent, and the travel-market researcher to hospitality organizations.
- 4312 Hospitality Industry Law** 3:3:0  
A presentation of the history and development of innkeeper's laws and tort law in relation to their implications for today's hospitality industry. A review of the relevant legal issues and government agencies that affect how hospitality professionals deal with both internal and external customer.
- 4314 Hospitality Industry Marketing** 3:3:0  
Basic tenets of business marketing as applied to the hospitality industry; emphasis on customer profile, targeting market segments, and advertising.
- 4315 Diet Therapy II** 3:3:0  
Continuation of FCSC 4300.  
*Prerequisites: FCSC 1322, 4300, BIOL 2401-2402.*

- 
- 4317 Community Nutrition** 3:3:0  
Effects of social, economic, environmental, and political factors on the health and nutritional status of population groups. Students learn instructional techniques appropriate for conducting nutrition education with various groups.  
*Prerequisite: FCSC 1322 or consent of instructor.*
- 4321 Computers in Hospitality** 3:3:0  
Students will be introduced to the major areas of computer applications in the hospitality industry including property management systems, financial planning, point-of-sale, menu development, inventory purchasing and cost analysis, sales and marketing. Some classes will be conducted on property sites.
- 4324 Special Topics with Laboratory Experiences** 3:2:4  
Topics of current interest which include laboratory experiences. May be repeated for credit when topic varies.
- 4326 Family Violence** 3:3:0  
Interpersonal violence throughout the life cycle from immediate and extended family members. Physical abuse, sexual abuse, and neglect perpetuated against children, spouses, and the elderly. Includes viewpoints of law enforcement and treatment strategies.
- 4327 Parenting** 3:A:0  
A study of the importance of family relationships in the development of the child and individual behavior. Specific study of parenting skills, interaction between parent and child, interrelationships between family and larger community. Includes experience with a parent-education model.
- 4328 Single Parent Families** 3:3:0  
Formation of single parent families, divorce, widowhood, economics, and support resources. Students are exposed to the viewpoints of law enforcement, social service agencies, and financial experts.
- 4329 Family Communication** 3:3:0  
A study of the interdisciplinary nature of family communication. Theoretical approaches including systems, relational, and interaction theories; application of theoretical insight and strategies for working with individuals and groups.
- 4330 Kitchen Design and Equipment: Residential** 3:3:0  
Selection, use, and care of residential equipment; adaptation of work centers to individual needs. Design of a custom kitchen.
- 4332 Apparel Design** 3:2:4  
Principles and applications of three-dimensional design.  
*Prerequisites: FCSC 1328 and FCSC 2384 or with approval of instructor.*
- 4333 Child Guidance** 3:3:0  
Participation in the development of learning environments for young children. Field experiences required in approved educational settings.  
*Prerequisite: FCSC 3340 or consent of instructor.*
- 4340 Fashion Production and Distribution** 3:3:0  
A Study of the textile and apparel industry with emphasis on the production, distribution and marketing of products. Includes off campus experiences through field trips.
- 4342 Advanced Grade Manager** 3:3:0  
Advanced culinary work in special areas of expertise including charcuterie, canapés, terrines, pâtés, ice carving, hot and cold display pieces and more. Students will participate in regional culinary competitions. Prerequisites: FCSC 1315, FCSC 2304 and FCSC 3324.
- 4344 Computer Application in Design (CAD)** 3:2:4  
Creation of interior design plans through use of computers: emphasis on floor plans, furniture layouts, three-dimensional presentations.  
*Prerequisite: Senior standing.*
- 4347 Advanced Foods** 3:2:4  
Advanced study of chemical and physical factors affecting food preparation and processing. Application of analytical methods to sensory and instrumental evaluation of food quality. Laboratory experiments and introduction to food research techniques.  
*Prerequisite: FCSC 1315, CHEM 1406-1408*
- 4350 Consumer Housing** 3:3:0  
A study of the home as the environment that shapes human lives. Designed to create an awareness of the social responsibilities related to housing and to provide experiences associated with planning and selecting suitable homes. Includes public housing.

- 4357 Operational Analysis for Hospitality Managers** 3:3:0  
Use of the microcomputer and the electronic spreadsheet for hospitality industry financial record keeping and reporting. Emphasis on the practical use of spreadsheets, report analysis, and the planning and control functions of budgets. Designed to develop and/or refine those competencies needed to solve practical management problems utilizing a structured approach to decision-making.  
*Prerequisite: FCSC 2375 and ACCT 2301.*
- 4359 Sports Nutrition** 3:3:0  
The role of nutrition is discussed as it relates to athletic performance and physical activity.  
*Prerequisites: FCSC 1322 or approval of instructor.*
- 4360 Organizational Behavior and Management in the Service Industry** 3:3:0  
Understanding the conceptual theories related to the management process. The impact of individual and group behavior on management decisions and actions in the service industry.
- 4367 Field Experience** 3:A:0  
Cooperative work-study arrangement between business, industry or selected governmental or private agencies and the Home Economics Department. Conferences and/or seminars with faculty coordinator are required.  
*Prerequisite: Senior standing, Family and Consumer Sciences Department; advanced approval required. May be repeated with varied experiences for a maximum of six hours credit.*
- 4370 Individual Problems in Family and Consumer Sciences** 3:A:0  
Designed to afford research opportunities and work experience for senior students. Under supervision, the students pursue individual interests in the profession.  
Advance registration required. May be repeated with varied experience.
- 4380 Classroom Strategies for Vocational Home Economics** 3:3:0  
Examination of effective strategies employed in the Vocational Home Economics classroom including classroom management, implementing and advising FHA, and integrating state standards into the educational program.  
*Prerequisites: FCSC 3380 or consent of instructor.*
- 4390 Family Resource Management** 3:3:0  
A conceptual study of philosophies and principles of the systems approach to family management. Practical applications through individual and group approaches to problem solving.  
*Prerequisite: 24 hrs in FCS or consent of instructor.*

*\*Pending approval by the Texas Higher Education Coordinating Board*

## Department of Health and Kinesiology

**Department Chair:** Charles L. Nix    **101 Health and Human Performance Complex A,**  
**Phone (409) 880-2226**  
**e-mail: nixcl@hal.lamar.edu**

**Undergraduate Coordinator:** George A. Strickland    **220 Health and Human**  
**Performance Complex A,**  
**Phone 880-8944**  
**e-mail: stricklaga@hal.lamar.edu**

**Professors:** Barton, Boatwright, Jolly

**Associate Professors:** Hernandez, Nix, Strickland

**Assistant Professors:** Chilek, Moore, Morales, Payton

**Instructors:** Gilligan, Wesbrooks, Gober

**Lecturers:** Clark, Ricklefsen, Waru, Gibert, Shipp, Yonker

The Department of Health and Kinesiology provides several career options for students. Two teacher education certification programs are offered: health and kinesiology. Two programs of study in exercise science and fitness management and in community health are available that do not lead to teacher certification. Undergraduate programs lead to a Bachelor of Science degree in Health or Kinesiology and the Graduate programs lead to a Master of Science degree.

All university students are required to complete a minimum of 1 credit hour of physical education general activity (PEGA) in order to satisfy the university core curriculum requirements. Students may select from a wide variety of PEGA offerings or from DANC 2172 or DANC 2272. Note: KINA classes will not satisfy the university physical education general activity program credit hour requirement. The physical education general activity program is designed to develop life-long activity skills, as well as, enhance the general education objectives of the university.

## Health

The health program of study offers two options for a career in health education. The Health Teacher Education Program leads to certification to teach EC-12 health plus an approved additional teaching field at the secondary level. The Community Health program is a non-teacher certification program prepares students for a career in public, government and private health agencies. A student must have completed the English, Math, Biology, Political Science and History General Education Requirements prior to enrolling in the 3000 and 4000 level health professional courses. A grade of “C” must be earned in each of the health professional courses.

## Kinesiology

The kinesiology program of study prepares the student for a teaching career in kinesiology. The kinesiology teaching certification program leads to EC-12 Teaching Certification.

The course of study leading to a baccalaureate degree and teacher certification in kinesiology encompasses three areas of work: (1) the required block of professional theory courses (HLTH & KINT), (2) the required block of professional development courses (PEDG) and (3) the required block of professional activity courses (DANC & KINA). A grade of “C” must be earned in each of the kinesiology professional theory courses (HLTH & KINT). A student must have completed the English, Math, Biology, Political Science, and History General Education Requirements prior to enrolling in the 3000 and 4000 level professional theory courses (KINT).

The required blocks of professional development courses are READ 3326, PEDG 3310, 3320, 3380, 4340 and 4930. A student must be admitted to the College of Education and Human Development’s teacher education program before enrolling in professional development courses.

---

*\* See the Department of Health and Kinesiology for current teacher certification requirements.*

The required blocks of professional activity courses are KINA 1270 or KINA 2255, DANC 1222 and KINA 2271. Fourteen additional hours must be selected from DANC 1233, KINA 2255, 2273, 2275, 2277, 2278, 2279, 3201, 3202, 3203, 3204, 3205, 3206 and 3207. A minimum of six hours must be selected from the advanced level professional activity courses (3000 series). Of the 20 hours taken to meet the professional activity requirements, a grade of “B” or higher must be earned.

## Exercise Science and Fitness Management (ESFM)

The exercise science and fitness management program of study prepares the student for a career in corporate or community fitness, personal training, physical therapy, exercise physiology, cardiac rehabilitation, and athletic training. The course of study leading to a baccalaureate degree encompasses several areas: (1) the required block of professional theory courses (HLTH & KINT), (2) the required block of physical activity courses (KINA and PEGA), and (3) the block of courses from a chosen emphasis area

(management, laboratory sciences clinical or diet & nutrition track, community and private recreation, or athletic training.) A student must have successfully completed 45 semester credit hours to include the English, math, and laboratory sciences general education requirements in addition to KINT 2378 (Applied Physical Concepts) and KINT 2371 (Functional Anatomy and Physiology) before enrolling in the 3000- and 4000- level ESFM professional courses. A grade of “C” or better must be earned in each of the professional theory (KINT & HLTH) and activity (KINA & PEGA) courses.

## Entrance Requirements

1. Entering Freshmen who meet the University’s general entrance requirements may be admitted to the Department of Health and Kinesiology.
2. Students who wish to enter Teacher Certification programs in the Department of Health and Kinesiology must have a minimum 2.5 GPA on all work attempted.
3. Students who wish to enter the Community Health program in the Department of Health and Kinesiology must have a minimum 2.5 GPA on all work attempted.
4. Students who wish to enter the Exercise Science and Fitness Management program in the department of Health and Kinesiology must have a minimum 2.5 GPA on all work attempted.

## Bachelor of Science – Kinesiology

### Teacher Certification Program EC-12 Certification

First Year	Second Year
ENGL Comp ..... 6	ENGL Lit (Soph Lit) ..... 3
MATH 1314 or above ..... 6	POLS 2301-2302 ..... 6
BIOL 2401-2402 ..... 8	HIST 1301-1302 ..... 6
HLTH 1370 ..... 3	COMM/Mod. Lang. .... 3
KINT 1301 Intro PE ..... 3	KINT 2371 Func. Anat & Phys..... 3
DANC 1222 Folk Dance ..... 2	KINA 2271 Gym & Tumbling ..... 2
KINA 1270 or 2255 Swim/WSI..... 2	HLTH 1306 First Aid/CPR..... 3
KINA Electives ..... 2	KINA Electives ..... 6
PHIL 1370 ..... 3	PEGA..... 1
<u>35</u>	<u>33</u>
Third Year	Fourth Year
KINT 3320 Management Skills ..... 3	KINT 4360 Measurement & Evaluation ..... 3
KINT 3350 Atypical Child ..... 3	KINT 4380 Contemporary Issues ..... 3
KINT 3370 Motor Development..... 3	KINT 4330 Motor Learning..... 3
KINT 3390 Mvmt Exp Young Child..... 3	KINT Elective ..... 3
KINT 3330 Exercise Physiology..... 3	HLTH 2376 Care & Prev. Sport Inj. .... 3
Fine Arts ..... 3	READ 3326 Reading Strategies ..... 3
Social Science..... 3	PEDG 4380 Sec. Cur. Mthd/Mgmt ..... 3
KINA Electives ..... 6	PEDG 4340 Elem Mthd Class Mgmt ..... 3
PEDG 3310 Intro Am Public Ed ..... 3	PEDG 4930 Student Teaching All Level..... 9
PEDG 3320 Human Learning ..... 3	
<u>33</u>	<u>33</u>
Total 134 semester hours	

*For details concerning requirements for teacher certification and information on professional development courses consult the College of Education and Human Development section in this bulletin.*

## Bachelor of Science – Health Teacher Certification Program \*EC-12 Certification

First Year	Second Year
ENGL 1301-1302..... 6	ENGL Lit ..... 3
MATH 1314 ..... 3	POLS 2301-2302..... 6
MATH 1342 or PSYC 2471..... 3	HIST 1301-1302..... 6
BIOL 2401-2402..... 8	Social Sci ..... 3
HLTH 1370..... 3	COSC 1371..... 3
PEGA..... 1	FCSC 1322 Nutrition ..... 3
PHIL 1370 ..... 3	HLTH 2374 Consumer Health..... 3
HLTH 1306 Emergency Care and Safety..... 3	Supplementary Teaching Area ..... 3
HLTH 1373 Foundations of Health..... 3	Fine Arts ..... 3
33	BIOL 1102..... 1
<b>Third Year</b>	33
Comm..... 3	<b>Fourth Year</b>
HLTH 3372 Drug Use and Abuse..... 3	HLTH 4340 Program Planning..... 3
PEDG 3310 Child & Adolescent Development... 3	BIOL 1102 Medical Terminology..... 1
PEDG 3320 Human Learning ..... 3	PEDG 4340 Managing Early Childhood ..... 3
PEDG 3326 Reading..... 3	HLTH 3360 Hlth Science & Epidemiology ..... 3
HLTH 3370 Contemporary Issues ..... 3	Supplementary Teaching Area ..... 3
Supplementary Teaching Area ..... 9	HLTH 4372 Strategies..... 3
30	HLTH 3378 Human Sexuality..... 3
Total 124 semester hours	PEDG Student Teaching..... 9
	28

\* For details concerning requirements for teacher certification and information on professional development courses, consult the College of Education and Human Development section in this bulletin.

## Bachelor of Science – Health Non-Certification Community Health Program

First Year	Second Year
ENGL 1301-1302..... 6	ENGL Lit ..... 3
MATH 1314 ..... 3	POLS 2301-2302..... 6
MATH 1342 or PSYC 2471..... 3	HIST 1301-1302..... 6
BIOL 2401-2402..... 8	Soc Sci..... 3
HLTH 1370..... 3	COSC 1371..... 3
PEGA..... 1	KINA 2278 Strength Training ..... 2
PHIL 1370 ..... 3	FCSC 1322 Nutrition ..... 3
HLTH 1306 Emergency Care and Safety..... 3	HLTH 2374 Consumer Health..... 3
HLTH 1373 Foundations of Health..... 3	Fine Arts..... 3
33	32
<b>Third Year</b>	<b>Fourth Year</b>
HLTH 3378 Human Sexuality ..... 3	HLTH 4340 Program Planning..... 3
BIOL 1102 Medical Terminology..... 1	HLTH 4360 Practicum..... 3
HLTH 3360 Hlth Science & Epidemiology ..... 3	HLTH 4370 Community Org..... 3
HLTH 3370 Contemporary Issues ..... 3	Related Minor ..... 6
HLTH 3372 Drug Use and Abuse..... 3	HLTH 4372 Strategies..... 3
BIOL 2420 Micro Biology..... 4	Comm..... 3
Related Minor ..... 12	HLTH 4660 Internship ..... 6
29	27
Total 122 if PSYC 2471 is taken or 121 if MATH 1342 is taken.	

\* Electives should include the following:  
A related minor of 18 semester hours approved by department.

## Bachelor of Science – Exercise Science & Fitness Management

First Year	Second Year
ENGL 1301-1302..... 6	Engl Lit ..... 3
MATH 1314 ..... 3	POLS 2301-2301 ..... 6
MATH 1342 or PSYC 2471..... 3	PHIL 1370 ..... 3
BIOL 2401-2402..... 8	Social Sci ..... 3
HLTH 1370..... 3	COSC 1371..... 3
PEGA..... 1	PEGA..... 2
HIST 1301-1302..... 6	FCSC 1322..... 3
KINT 1301..... 3	Fine Arts ..... 3
	*KINA 2378 ..... 3
	KINT 2371 ..... 3
	HLTH 1306..... 3
33	35
Third Year	Fourth Year
Comm..... 3	*KINT 4350 ..... 3
*KINT 3310..... 3	*KINT 4355 ..... 3
*KINT 3315..... 3	KINT 4620 ..... 6
HLTH 3360..... 3	Emphasis Area..... 6
KINT 3330..... 3	Electives..... 6
*KINT 3130..... 1	
*KINT 3380..... 3	
*KINT 3340..... 3	
Emphasis Area..... 6	
28	24
Total 120 semester hours.	

\* Pending approval by the Texas Higher Education Coordinating Board

## Health Courses (HLTH)

<b>1306 First Aid/CPR</b>	<b>3:3:0</b>
American Red cross standard first aid and personal safety course. CPR certification is included.	
<b>1370 Health &amp; Wellness</b>	<b>3:3:0</b>
Designed to increase student awareness of fitness, health concepts and lifestyle modification. The class includes laboratories and practical activities, which help students in their attempt to improve their quality of life and achieve well being.	
<b>1373 Foundations of Health</b>	<b>3:3:0</b>
An orientation to the foundations of health and health promotion as a profession is presented. The philosophy, historical development and purposes of health promotion are investigated.	
<b>2374 Public and Consumer Health</b>	<b>3:3:0</b>
Traditional and modern methods of meeting public and consumer health needs; investigation and analysis of public and consumer health problems; functions and organization of consumer services at the local, state, regional and national levels.	
<b>2376 Care and Prevention of Sports Injuries</b>	<b>3:3:0</b>
A study of the treatment and prevention of specific sport injuries. The injuries may be a result of activity in the home, recreational, intramural, or extramural settings.	
<b>3360 Health Science and Epidemiology</b>	<b>3:3:0</b>
A study of infectious and non-infectious diseases. The course treats epidemiology as a basic science of preventive medicine as well as the study of occurrence of disease in human populations.	
<b>3370 Contemporary Issues</b>	<b>3:3:0</b>
The course deals with problems associated with current health issues, which are related to individual and social adjustment in society. Special emphasis will be given to substance abuse, stress management, and problems relating to aging.	

- 3372 Drug use and Abuse**  
A study of a wide range of drug related issues and problems in our society. The class provides current information and perspectives to help students understand: reasons why drug use and abuse occur, the results of drug use and abuse, how to prevent drug use and abuse, and how drugs can be used effectively for therapeutic purposes.
- 3378 Human Sexuality and Sexually Transmitted Diseases** **3:3:0**  
This course is concerned with the basic information regarding the physical, psychological, social, and comparative cultural aspects of family health, sexual behavior, sex education, and sexually transmitted diseases. Emphasis will be placed on the relationship between personal health and human sexuality. The understanding of human sexuality through self-awareness, value clarification and decision-making will also be a concern.
- 4300 Individual Study in Health** **3:3:0**  
Selected problems in health. Not to be used in lieu of a required course.  
*Prerequisite: Senior standing and consent of department head. May be repeated for credit. Class by consultation.*
- 4301 Workshop** **3:A:0**  
A number of workshops are designed to advance the professional competence of students. For each description, the particular area of study will be indicated. May be repeated for credit when nature of workshop differs from one previously taken. Not to be used in lieu of required health courses.
- 4340 Program Planning and Evaluation** **3:3:0**  
This course is designed to prepare the student to assess a population for their health needs, plan an effective program and successfully implement the program. Theory and practice in evaluation of community- and school-based programs and effective health promotion strategies will be presented.  
*Prerequisite: HLTH 1370, HLTH 1373, HLTH 3360.*
- 4360 Practicum in Health** **3:3:0**  
Observation and study of health programs and organizations.  
*Prerequisite: HLTH 1370, HLTH 1373 and senior standing.*
- 4370 Community Organization and Development** **3:3:0**  
This course will present different aspects of the community related to health: organization and function of community, systems management, analyses of community mobilization procedures, coordination of community health organizations and motivation and plans for action in the community.  
*Prerequisite: HLTH 1370, HLTH 1373 and junior standing.*
- 4372 Strategies**  
A study of learner differences, curriculum development, and instruction theories and methods commonly utilized to instruct in school and community.
- 4660/4960 Health Internship** **6:3:0**  
Supervised internship at selected community, public or private health agencies and/or organizations.  
*Prerequisite: HLTH 1370, HLTH 1373, HLTH 4360 and senior standing.*

## Kinesiology Theory Courses (KINT)

- 1301 Introduction to Physical Education** **3:3:0**  
Introduction to history, principles and philosophy of kinesiology; professional qualifications of leadership; special emphasis on theoretical and practical aspects.
- 2371 Functional Anatomy and Physiology** **3:3:0**  
A study of human movement from the perspectives of anatomy, physiology and kinesiology. Emphasis on the analysis of sport-skill performance. Prerequisite: BIOL 2401 and 2402.
- 2372 Sport in Contemporary American Society** **3:3:0**  
A study of various sociocultural factors in American society and their relationship to the sport experience.
- 2374 Psychology of Sport** **3:3:0**  
Psychological perspectives of sport; personalities of sports participants and current literature related to psychological aspects of sport.
- 2376 Safety Education—Driver Education** **3:3:0**  
Provides in-depth coverage of the many aspects of defensive driving. In addition it will provide insight into current federal mandates.

- 2377 Driver Program** **3:3:0**  
Traffic rules and regulations and the basic facts concerning the cause and prevention of accidents. The course includes in-car and/or simulator experiences.
- 2378 Practicum in Driver Programs** **3:3:0**  
Supervised observation and provision of actual experience in behind the wheel strategies for individuals conducting driver programs.
- 3130\* Exercise Physiology Lab**  
Laboratory experiences designed to enhance student comprehension of human physiological responses presented in Exercise Physiology lecture. (Exercise Science Majors take with KINT 3330)  
*Prerequisite: KINT 2371*
- 3310\* Instructional Strategies**  
A study of learner differences and instruction theories commonly utilized by fitness professionals. Theories and practices of common exercise barriers for various exercise populations and settings.  
*Prerequisite: KINT 2371*
- 3315\* Mechanical Principles of Human Movement**  
A qualitative study of the mechanics associated with human movement. Specific emphasis is on the anatomical structures and mechanics involved with movements and actions in various sports or physical activities. Through biomechanical analysis, students learn to design programs to enhance performance, prevent injuries, and rehabilitate previous injuries.  
*Prerequisite: KINT 2371.*
- 3320 Management Skills** **3:3:0**  
A study of the organization and administration of programs in recreation, dance, sports, and athletics.
- 3330 Exercise Physiology** **3:3:0**  
A study of the functions of the physiological systems during and after exercise. (Exercise science majors take with KINT 3130)  
*Prerequisite: BIOL 2401 and BIOL 2402, KINT 2371.*
- 3340\* Metabolic Effects of Sports and Exercise**  
A study of the biochemical demands placed on the body under various training protocols. An emphasis is placed on the nutrient demands of the body in respect to meeting training goals.  
*Prerequisites: KINT 3330 and FCSC 1322*
- 3350 Atypical Child** **3:3:0**  
A study of the classification of atypical students who require modified programs. Special emphasis on developing personalized developmental programs. Field experience required.
- 3360 Contemporary Programs in Secondary Schools** **3:3:0**  
A critical and comprehensive examination of current trends and issues of programs at the secondary level.
- 3370 Motor Development** **3:3:0**  
Principles of motor development in children, including developmental stages and the understanding of motoric trends in human growth and development from birth throughout life.
- 3380\* Testing Procedures and Measurement in Exercise Science**  
A study of the common fitness and sport performance tests utilized in Exercise Science. Testing types; protocols; procedures; errors, and interpretations of results are examined.  
*Prerequisites: PSYC 2471, KINT 2371, Admission into Professional core.*
- 3390 Movement Experience for the Young Child** **3:3:0**  
A study of movement experiences in dance, gymnastics, and games for the young child. Functional and practical application will be emphasized.
- 4300 Individual Study** **3:3:0**  
Selected problems in the discipline; not to be used in lieu of a class. May be repeated for credit. Class by consultation.  
*Prerequisite: Senior standing and consent of department head.*
- 4301 Workshop** **3:A:0**  
A number of workshops are designed to advance the professional competence of students. For each description, the particular area of study will be indicated. May be repeated for credit when nature of workshop differs from one previously taken. Not to be used in lieu of a class.

<b>4310</b>	<b>Scientific Principles of Human Performance</b> Anatomical and physiological factors that influence optimal performance. Prerequisites: Permission of instructor.	<b>3:3:0</b>
<b>4330</b>	<b>Motor Learning</b> Principles of neuromuscular control mechanisms and correlates of movement behavior and motor learning. Presentation of materials dealing with the learning process, aspects of the learner and variables influencing learning.	<b>3:3:0</b>
<b>4350*</b>	<b>Exercise Prescription</b> A study of the appropriate exercise design and implementation for healthy individuals seeking physical fitness or improvement in sports performance. <i>Prerequisite: KINT 3330</i>	
<b>4355*</b>	<b>Fitness for Special Populations</b> A directed study in the development of exercise programs for individuals with a specific disability or health limitation that warrants special attention by the exercise professional. <i>Prerequisite: KINT 3330</i>	
<b>4360</b>	<b>Measurement and Evaluation</b> A study of practical measurement and evaluation procedures used in the assessment of human performance. Includes construction of evaluation instruments, experience in test administration and the use of elementary statistical procedures in test score interpretations.	<b>3:3:0</b>
<b>4380</b>	<b>Contemporary Issues</b> A study of programs and problems associated with the implementation of programs.	<b>3:3:0</b>
<b>4620</b>	<b>Kinesiology Internship</b> Supervised internship at selected public or private agencies and/or institutions. <i>Prerequisite: KINT 4350</i>	<b>6:A:0</b>

*\*Pending approval by the Texas Higher Education Coordinating Board*

## Kinesiology Activities (KINA)

<b>2255</b>	<b>Water Safety Instruction</b> The introduction and development of skills, general rules, and strategy related to water safety instruction with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2271</b>	<b>Gymnastics: Tumbling and Gymnastics</b> The introduction and development of skills, general rules, and strategy related to gymnastics with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2273</b>	<b>Golf</b> The introduction and development of skills, general rules, and strategy related to golf with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2275</b>	<b>Aerobic Fitness</b> The introduction and development of skills, understanding of body functions and basic conditioning related to aerobic fitness with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2277</b>	<b>Archery/Badminton</b> The introduction and development of skills, general rules, and strategy related to archery and badminton with particular emphasis on skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2278</b>	<b>Strength Training</b> The introduction and development of skills and general guidelines establishing a training program related to strength training with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2279</b>	<b>Sports Officiating I</b> The introduction and development of skills, general rules, and strategy related to sports officiating with particular emphasis on acquisition of skill, appreciation of safety and skill progression.	<b>2:1:2</b>
<b>2378*</b>	<b>Applied Fitness Concepts</b> Instruction and application of basic fitness principles relative to various aerobic and anaerobic activities.	<b>3:3:1</b>
<b>3201</b>	<b>Baseball</b> Activities organized to focus on advanced strategies and coaching aspects of team sports.	<b>2:1:2</b>
<b>3202</b>	<b>Basketball</b> Activities organized to focus on advanced strategies and coaching aspects of team sports.	<b>2:1:2</b>

<b>3203</b>	<b>Football</b>	<b>2:1:2</b>
	Activities organized to focus on advanced strategies and coaching aspects of team sports.	
<b>3204</b>	<b>Tennis</b>	<b>2:1:2</b>
	Activities organized to focus on advanced strategies and coaching aspects of team sports.	
<b>3205</b>	<b>Track/Field</b>	<b>2:1:2</b>
	Activities organized to focus on advanced strategies and coaching aspects of team and individual sports.	
<b>3206</b>	<b>Volleyball</b>	<b>2:1:2</b>
	Activities organized to focus on advanced strategies and coaching aspects of team sports.	
<b>3207</b>	<b>Soccer</b>	<b>2:1:2</b>
	Activities organized to focus on advanced strategies and coaching aspects of team sports.	

*\* Pending submission and approval by the Texas Higher Education Coordinating Board*

## Physical Education General Activity (PEGA)

The PEGA program offers physical activities designed for the student to learn and develop skills in a variety of lifespan sports. PEGA courses maybe repeated for academic credit.

### Activity Courses (PEGA)

Students enrolled in physical education activity classes may be required to wear regulation uniforms suggested by the instructor. The student may provide equipment for class.

1121/1251	Intermediate Water Aerobics	1:1/2:0
1270	Beginning Swimming	1:2:0
1171/1271	Swimming and Diving	1:1/2:0
1172/1272	Strength Training	1/2:1/2:0
1173/1273	Women's Strength Training	1/2:1/2:0
1174/1274	Cross Training	1:1/2:0
1175/1275	Water Aerobics	1/2:1/2:0
1176/1276	Walking for Fitness	1:1/2:0
1177	Jogging for Fitness	1:1:0
1277	Lifetime Sports	1:2:0
1178/1278	Yoga/Stretching	1:1/2:0
2170/2270	Basketball	2:1/2:0
2171/2271	Intermediate Golf	2:1/2:0
2172/2272	Golf	2:1/2:0
2173/2273	Beginning Tennis	2:1/2:0
2174/2274	Intermediate Tennis	2:1/2:0
2175/2275	Baseball	2:1/2:0
2176/2276	Beginning Gymnastics	2:1/2:0
2177/2277	Sailing	2:1/2:0
2178/2278	Volleyball	2:1/2:0
2179/2279	Racquetball	2:1/2:0
2181/2281	Bowling	2:1/2:0
2280	Badminton	2:2:0
DANC 2172/2272	Aerobics <sup>†</sup>	2:1/2:0
KINA 2255	Water Safety Instructor <sup>†</sup>	

*† This course also satisfies university PEGA requirement*

## **Athletic Training Specialization**

Licensure by the State of Texas as an athletic trainer is available through meeting the following requirements:

1. Admission to the Athletic Training Program at Lamar University. \*
2. Completion of a minimum of 1800 clock hours over a period of at least five academic semesters prior to graduates.
3. Completion of an undergraduate degree in addition to certain course requirements.
4. Successful completion of Texas board exam for licensure.

---

*\* Number of students is limited. Application must be made through the head athletic trainer.*