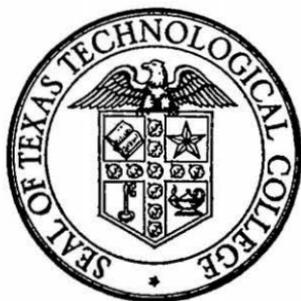


BULLETIN OF
TEXAS TECHNOLOGICAL COLLEGE

The SCHOOL OF
HOME ECONOMICS

1961-1963



Vol. XXXVII

October, 1961

No. 8

Issued in January, February, March, April, May, June, August, October and December of each year by the College. Second-class postage paid at Lubbock, Texas.

How To Use This Bulletin

The Bulletin of the School of Home Economics should be used in conjunction with the most recent General Information Bulletin of Texas Technological College. Each student is held responsible for familiarizing himself with the content of both his **school bulletin** and the **General Information Bulletin of the year he enters the college**.

Detailed information is given in this bulletin on the School of Home Economics. Reference is made also to general college regulations and many other topics, as admissions, advanced standing, general degree requirements, which are detailed in the General Information Bulletin but to which ready and frequent reference is needed by the home economics student.

...TABLE OF CONTENTS

Page	
5	School of Home Economics
5	Objectives of the School
6	Opportunities for Employment
7	General Information
7	Admission and Registration
7	Freshman Pre-Registration Guidance Testing and Orientation
7	Home Economics Advisory Program
8	Number of Semester Hours Allowed
8	Placement of Graduates
9	Student Activities and Organizations
10	Cultural Opportunities
10	Honors
10	Recognition Service
10	Fellowships and Scholarships
12	Student Assistantships
12	Loan Funds
13	Degree Programs in Home Economics
13	Undergraduate Degree
14	Counseling for Pre-Nursing
14	Master's Degree
15	Departments, Curricula, and Courses in the School of Home Economics
15	Bachelor of Science Degree in Home Economics
16	Applied Arts
21	Clothing and Textiles
27	Food and Nutrition
31	Home Economics Education
36	Home and Family Life
42	General Home Economics
43	Courses in Other Schools
45	Summary Charts of Degree Requirements
45	Requirements in the School of Home Economics
46	Requirements Outside the School of Home Economics
47	College Board of Directors
47	Officers of Administration
47	Home Economics Faculty

The SCHOOL OF HOME ECONOMICS

Willa Vaughn Tinsley, Dean

Applied Arts
Clothing and Textiles
Food and Nutrition
General Home Economics
Home Economics Education
Home and Family Life
Child Development and Family Relations
Home Management

The School of Home Economics was one of the four initial schools of the college when it was established. Since the college opened in 1925, Home Economics at Texas Tech has responded to the challenge of assuming a leadership role in professional home economics. This role it continues into the present through an ever-changing curriculum and a well-prepared faculty.

OBJECTIVES OF THE SCHOOL

The objectives of the School of Home Economics may be classified under three headings—education, research, and service, with the three aims overlapping at many points.

Professional preparation for personal family living and for employment in the home economics field, are the major objectives of the School. It is believed that this dual role may be accomplished through liberal or general education, a concentration in home economics fundamentals, plus a freedom in choice of electives from any school of the College.

New frontiers in home and family living and in the professional fields of home economics are the challenge of research. Research not only expands the boundaries of knowledge but it adds also to the quality and inspiration of both faculty and students.

An effective program in home economics by its very nature provides a campus and community service. Real life situations form the core in all areas of home economics; a certain amount of reciprocity between the activities in the School of Home Economics and in the local geographical area is a continuous process to the mutual advantage of both.

Higher education for women who live in today's world—and that of tomorrow—must prepare them to be
women of culture and charm
intelligent leaders in a democratic world
earners in their chosen fields
makers of successful homes

In recognition of the multiple role of the educated woman as homemaker, mother, citizen, worker, and an attractively intelligent person, the School of Home Economics is continuously revising its offerings to meet the changing needs of women in a fast-changing world.

If a career outside the home becomes a reality for a woman, it may be of a split-type, occupying only a brief period before marriage, then a longer period after the children are in (and out of) school. Also, many college women today experience a three-way responsibility of home and job and college all at the same time.

In order to provide young women as well as young men the kind of education needed to prepare them for their various phases of life, the School of Home Economics designs its offerings to serve both men and women in three groups, namely:

1. Students registered in the School of Home Economics who plan to work toward a degree in home economics, and those who do not expect to be applicants for a degree.
2. Students registered in other schools of the College who wish training either for homemaking or for supplementing their degree plans. Individual courses, or a series of courses leading to a minor in home economics are available to these students.
3. Youth and adults in the area served by the College who are out of school and who wish to work toward an advanced degree with a major or minor in home economics, and those who wish special or refresher courses at either the undergraduate or graduate level.

The degree programs, course offerings, and methods of teaching in home economics at Texas Technological College reflect appreciation for the importance of the present as well as the future roles of women in modern life.

OPPORTUNITIES FOR EMPLOYMENT IN EDUCATION, BUSINESS, AND GOVERNMENT

Teaching continues to be the most popular profession of college graduates of home economics. However, there are increasing numbers of home economists being employed in business and in government. As a rule, home economists enjoy favorable working conditions.

The demand for qualified home economists is always greater than the supply. Salaries compare very favorably with those in other professions. A recent study of 17 occupational groups reveal that home economists were the highest paid professional group in the South.

GENERAL INFORMATION

Admission and Registration

Admission to the School of Home Economics as to the other schools of Texas Technological College, is granted by the Dean of Admissions, to whom all correspondence concerning admission should be addressed. (See General Information Bulletin, Admission.)

Freshman Pre-Registration Guidance Testing and Orientation

All entering freshmen are required to assemble at the College a few days in advance of registration for a period of testing, guidance, and orientation (See College Calendar, General Information Bulletin). This program is followed with a view to assisting the student in the selection of a program of study and to aiding the faculty and administration in the guidance of the individual student. Tests will be given to all entering freshmen during this period and results used as a guide in determining the schedule of courses taken and the total course load.

Home Economics Advisory Program

One of the outstanding features of the School of Home Economics at Texas Tech is its faculty-student advisory program. The aims of this program are to develop and maintain warm, friendly relations between student and teacher; to assist the student in finding the answers to academic problems and in planning intelligently for life in college.

How the Advisory Program Works

1. Each student who enrolls in the School of Home Economics is assigned a faculty adviser by the Dean. This same adviser is usually kept through the sophomore year.
2. When the junior level has been reached (the student having completed at least 64 semester hours) the head of the depart-

ment in which a student is majoring becomes the student's adviser.

EXCEPTIONS:

- a. Transfer students, regardless of classification, are assigned to department heads when they first enroll.
 - b. In Home Economics Education, instead of the Head of the Department advising all majors, one member of the staff is designated as adviser for junior majors and another is designated as adviser for senior majors.
3. Each full-time home economics faculty member including the Dean assumes advisory duties. ("Regular" part-time instructors may also assume this function.) Advisers serving summer school enrollees may be on a temporary basis.
 4. Except in special cases, the number of advisees assigned to any one adviser averages 20-25 per year.
 5. Both advisees and advisers may request the dean to make changes in assignments at any time and for any reason.

What the Faculty Adviser Does

1. Advises the student as to the courses to be taken each semester.
2. Helps the student arrange a schedule for enrolling in these courses.
3. Assists the student in the selection of a major, and works with the student in making out a plan for a degree.
4. Counsels with the student on personal problems (when the student wishes help).

Number of Semester Hours Allowed

The normal study load for regular students in the School is 16-18 credit hours each semester. No student is permitted to enroll for a program of more than 18 or less than 12 semester hours without special approval from the Dean.

In a six-week summer term the maximum load is 7 semester hours, composed of two courses or three courses including a 1-semester-hour physical education activities course.

Placement of Graduates

The School of Home Economics enjoys an enviable reputation for the competence of its graduates.

As liaison, The College Placement Office regularly announces information concerning employment, arranges interview schedules for students with employer representatives, provides advance information about the employer for the students, and has available personal data files for prospective employers. The graduate is **permanently** registered and as an alumnus is entitled to the help of The Placement Office at any time that he may wish to upgrade his employment or otherwise change positions.

The Placement Service of Texas Technological College is also available to any student who needs to find part-time employment while he is in college.

The services are available without cost.

Student Activities and Organizations

The program of student activities at Texas Technological College is broad and well-rounded, allowing opportunity for constructive expression and development of all types of student interests and abilities.

Activities exclusively for home economics students are:

Home Economics Open House

Each spring the School of Home Economics sponsors an Open House where its students are hosts to a large number of campus visitors. Preparations of exhibits, demonstrations, and style shows provide the students with many worthwhile experiences in giving the public some understanding of the activities and types of projects carried on in college home economics classes.

Home Economics Club

The Texas Tech Home Economics Club is the professional organization open to all home economics students on the campus. It is affiliated with the College Clubs of the Texas Home Economics Association and the American Home Economics Association.

Phi Upsilon Omicron

Phi Upsilon Omicron is a national honorary fraternity for women majoring in home economics. Members are chosen on the basis of character, scholarship, leadership, and campus activities. Only second-semester sophomores with an over-all grade average of 1.80 or better are eligible for membership.

The activities of the organization give meaning to the stated purposes of strengthening the bonds of friendship, promoting the moral and intellectual development of its members, and advancing and promoting home economics.

Applied Arts Club

To supplement classroom work, students interested in applied arts have an informal club organization.

The activities of the club include workshops, luncheons, discussion groups, planning and setting up exhibits, and meetings with outside speakers.

Other student activities which would interest home economics students are: the Association of Women Students, Tech Union program, the dormitory self-government plan, student publications, and the annual Varsity Show. Such honorary groups as Mortar Board, Junior Council, and Alpha Lambda Delta also list home economics students among their members.

A complete list of Texas Tech's student organizations is given in the General Information Bulletin.

Cultural Opportunities

Through such agencies as Civic Lubbock, Lubbock Symphony, Lubbock Theatre Center, West Texas Museum, the Willson Lectures and Religious Emphasis Week, and productions by the Texas Tech Music and Speech Departments, students have access to many artistic and cultural experiences.

Honors

Dean's List. At the close of each semester there is issued a Dean's List which includes the names of the full-time students with grade averages of 2.00 or above.

Recognition Service

An All-College Recognition Service each spring honors those students whose academic standing is within the upper 3 per cent of each class in the School of Home Economics.

Fellowships and Scholarships

Following are fellowships and scholarships specifically identified for the School of Home Economics.

Others that are open to a student with any major are listed in the June 1961 Bulletin of Fellowships, Scholarships, and Awards.

Jonnie McCrery Michie Graduate Fellowship in Food and Nutrition—Professor Emeritus Jonnie McCrery Michie of Dallas, head

of the Department of Food and Nutrition from the opening of the College to her retirement, has made available a fellowship of \$400 for graduate students in food and nutrition. Applications should be addressed to the Head of the Department of Food and Nutrition.

The Borden Company Foundation Scholarship in Home Economics—The Borden Company Foundation, in a desire to stimulate and recognize scholastic achievement by undergraduate students of home economics, has established an annual scholarship of \$300. All senior students majoring in home economics in Texas Technological College who have included in their curricula two or more courses in food and nutrition shall be eligible for the scholarship. The scholarship shall be presented to that eligible student who has achieved the highest average grade of all other similarly eligible students in all college work preceding the senior year. This scholarship may be withheld any year if conditions are inappropriate, but in such case only one award shall be made in the succeeding year. Correspondence concerning this scholarship should be addressed to the Dean of Home Economics.

The Cagle Scholarship in Applied Arts—Cagle Brothers Furniture Company has established a scholarship valued at \$500 yearly for junior and senior students majoring in applied arts. The scholarship is granted on the basis of demonstrated academic achievement, technical proficiency, and personal qualities considered to be of value in interior decorating. Applications should be addressed to the Head of the Department of Applied Arts.

The Ethel Foster Scholarships in Home Economics—Miss Ethel Foster of Sterling City makes available annually the sum of \$1,000 for scholarships to students in the School of Home Economics. The scholarships in varying amounts are administered by the School's Scholarship Committee on the basis of character, personality, scholarship, and financial need. Since it is the intent of the donor to assist young women to remain in college until graduation, the scholarships may be repeated as long as the recipient continues to qualify.

Lubbock City Panhellenic Society Scholarship in Home Economics—The sum of \$100 will be awarded to a junior or senior student in the School of Home Economics making a grade average of 2.00 or above. Correspondence concerning this scholarship should be addressed to the Dean of Home Economics.

Melba Mae Maxey Scholarships—Mr. and Mrs. Homer G. Maxey of Lubbock make available annually three scholarships in the amount of \$350 each, to outstanding students in the School of Home Economics. Scholarships are to be awarded by the School's Scholarship Committee on the basis of scholastic attainment, financial need, character, and personality. Applications should be addressed to the Dean of Home Economics.

Sears-Roebuck Foundation Scholarships in Home Economics—Sears-Roebuck Foundation has approved Texas Technological Col-

lege to receive certain scholarships for the benefit of Texas students in the School of Home Economics. The scholarships are awarded for the long session, being renewed for the second semester provided the holder of the scholarship maintains a satisfactory record. Applications should be made to the Dean of Home Economics.

The Home Economics Club Award—The Home Economics Club annually recognizes a sophomore student who during her freshman year showed outstanding qualities in leadership, scholastic standing, and interest in extracurricular activities. This award is made providing the student continues to major in home economics.

The Ector County School Food Service Association Scholarship in Home Economics. An annual scholarship of \$50 is made available by the Ector County School Food Service Association to encourage home economics majors to prepare for school lunch management and supervision. Application should be addressed to the Dean of Home Economics.

Student Assistantships

A number of assistantships are available in home economics. These positions provide worthwhile learning experiences as well as financial assistance to worthy, capable students.

Any student interested in employment of any type should consult with her adviser, the head of her department, or her academic dean.

Loan Funds

Texas Technological College has a number of funds from which loans are available to assist worthy students in paying their college expenses.

Home Economics Club Loan Fund—This fund, known as the Margaret W. Weeks Loan Fund, named for Dean Emeritus Margaret W. Weeks, was established during the first year of the College by the Home Economics Club. This fund is open to home economics students. Applications should be made to the Dean of Home Economics.

For other loans available, see General Information Bulletin.

DEGREE PROGRAMS IN HOME ECONOMICS

Undergraduate Degree

The Degree of Bachelor of Science in Home Economics is conferred upon students who satisfactorily complete one of the prescribed curricula in the School of Home Economics as, outlined in chart form on Pages 45 and 46 and in departmental sections beginning on Page 16.

The degree is given with a major in applied arts, clothing and textiles, food and nutrition, home economics education, or home and family life.

A degree is also given with a major in general home economics for those students who wish a broad background of preparation for homemaking, and related occupations, but who do not wish to specialize in any one of the other professional areas of home economics.

Because many students want the security which comes from qualifying, upon graduation, to teach vocational homemaking, yet have a strong inclination to major in one of the other professional areas of home economics, a so-called double major is available between each department and the Department of Home Economics Education. The requirements for a double major consist of a combination of the two majors involved, which automatically eliminates the provision for elective courses in the degree program and usually means that the student may be obliged to attend college somewhat longer than might be needed to complete a single major. This double major does not mean two degrees, but is designated as a Bachelor of Science Degree in Home Economics with majors in home economics education and in the other selected area, namely, applied arts, clothing and textiles, food and nutrition, or home and family life.

It is recommended that the student not attempt to make final selection of her major until she has completed some college work and has had an opportunity to investigate the study programs which are available to her. The required freshman course, "Personal Competence in College" (Ch. D. & F. R. 112), should prove to be of considerable help to the student in making her decision.

The student, before choosing a professional field, has the opportunity of becoming familiar with the courses of instruction in each of the areas of home economics. For this reason, the entering freshman is encouraged to take the beginning course in each of five areas of home economics, namely, applied arts, clothing and textiles, food and nutrition, child development and family relations and home management. With the age for marriage dropping, some students, especially women students, do not continue their college programs beyond the first year.

By introducing the student to most phases of home economics in her first year of college, the school not only provides her with some college training for many phases of homemaking, but also gives her an introduction to the possibilities available in the various majors offered in the School of Home Economics.

A student in any major program, because of poor schedule-planning or failure of one or more courses, or for other reasons, may be required to attend more than the normal eight semesters. Before the close of her junior year, each student should plan carefully the scheduling of the remaining degree requirements to determine expected graduation date.

Counseling For Pre-Nursing Students

Texas Technological College does not offer a degree program in nursing. Students who contemplate the study of nursing as a profession may secure a number of college courses at Texas Technological College which are required in all degree programs in nursing. Inquiries should be addressed to the Dean of Home Economics for recommended curriculum.

Master's Degree

The Graduate School offers a Master of Science Degree in Home Economics with majors in clothing and textiles, food and nutrition, and home economics education. Minors are offered in these departments as well as in applied arts and in home and family life.

For further information regarding graduate work, consult the Graduate Bulletin.

DEPARTMENTS, CURRICULA, AND COURSES IN THE SCHOOL OF HOME ECONOMICS

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours):
- Eng. 131-132—College Rhetoric
 - Eng. 231-232—Masterpieces of Literature
 - Govt. 233—American Government, Organization
 - Govt. 234—American Government, Functions
 - *Hist. 231-232—History of the United States
 - Physical Education or Band—4 semesters
- Science, 18-20 semester hours selected from at least two of the three following science groups:
1. Biological (Zool. 137 or equivalent required)
 2. Physical
 3. Social (Soc. 230 or 233 or 331 required)
- II. Courses to provide basic concepts in personal and family living (20 semester hours):
- Ap. A. 131—Art Applied to Daily Living
 - Ch. D. & F. R. 112—Personal Competence in College
 - Ch. D. & F. R. 131—Personal and Family Relationships
 - Cloth & Text. 131—Wardrobe Analysis and Construction
 - Food & Nutr. 131—Nutrition and Food
 - H. Mgt. 131—Management and Consumer Problems
 - H. E. Ed. 331—Philosophy and Principles of Vocational Home Economics
 - H. E. Ed. 411—Home Economics Seminar
- III. Additional courses in major field of home economics (as listed in departmental curricula)**
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (as listed in departmental curricula)**
- V. Electives in any school of the College to complete 127 semester hours.

* Hist. 330 may be substituted for Hist. 231 or 232.

** See specific departmental curricula, following.

Department of APPLIED ARTS

Bill C. Lockhart, Head of the Department

Professor:

Mr. Lockhart

Associate Professors:

Mrs. Beitler, Mr. Kincaid

Assistant Professor:

Mrs. Lockard

Instructor:

Mr. Queen

Part-Time Instructor:

Mrs. Meeks

Applied Arts

The Department of Applied Arts provides the needed basic art experiences for men and women who desire training in this field both for students in the School of Home Economics and for those in other schools on the campus.

There is a growing demand for qualified designers. Concentration in applied arts may lead to vocations in interior design, teaching, or recreation, as well as in designing and creating art objects for personal or commercial purposes.

Instruction in this department is based on the beliefs that:

1. Most persons desire information and experience in the selection and/or design of articles that are appropriate for use in daily living and in business. Practical applications of art principles are made in the planning and selection of harmonious color combinations, appropriate proportions, and harmonious and pleasing arrangements of furnishings, accessories, and other objects. These applications may be in the dormitory room, in the home, in social functions, and in business.
2. Every individual has some creative ability which can be developed under efficient leadership and in a sympathetic environment. The designer needs to draw on all of the many resources around him for inspiration in creating beautiful yet functional designs. A pebble may furnish the idea for a piece of jewelry; the curve of a branch may suggest a line pattern for a silk screen print.
3. Each individual can use his art training professionally, vocationally, or recreationally to acquire first-hand experiences in his special area of interest.

A student may earn the Bachelor of Science Degree in Home Economics in the Department of Applied Arts by the choice of one of several options.

Crafts Option

The crafts option involves a sound foundation in design principles supplemented by a complete and thorough examination of the various craft areas. Graduates who have selected this option are now designing and producing crafts either for manufacturers in industry or in their own shops and homes as a private endeavor.

Interior Design Option

In recent years there has been a decided increase in the demand for individuals with training in interior design. Such training offers preparation for work in interior design specialty shops and in furniture or accessory shops. Businesses of various kinds employ trained personnel to design window displays; manufacturers employ people with this background as consultants or designers.

Art Education Option

A teacher certification plan leading to a secondary art or an all-level art certificate is available through a joint program involving the Departments of Applied Arts, Architecture and Allied Arts, and Education.

For information concerning the requirements in art courses, a student working toward certification in art education should consult the head of one of the art departments—either Applied Arts in the School of Home Economics or Architecture and Allied Arts in the School of Engineering. For information concerning the requirements in professional education, the student should consult the head of the Department of Education in the School of Arts and Sciences.

A student working toward certification in art education may obtain his degree in any one of three Schools—Arts and Sciences, Engineering, or Home Economics.

Double Major Option

A student desiring to combine a major in applied arts with the teaching of home economics in the secondary schools may select a double major in applied arts and home economics education.

Inter-Disciplinary Option

Through cooperative arrangements with the School of Arts and Sciences, the Department of Applied Arts in the School of Home Economics, and the Department of Architecture and Allied Arts in the School of Engineering offer a major in art leading to the Degree of Bachelor of Arts in the School of Arts and Sciences. For information concerning the requirements for this degree, consult the Head of the Applied Arts Department.

The Department of Applied Arts reserves the right to retain, for one year, students' class projects for exhibition or reproducing purposes.

Each senior major in the department is required to arrange a public exhibit of his work at some time during his last regular semester in college.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Applied Arts Major

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Applied Arts (to total 24 semester hours*):
 - Ap. A. 112—Survey in Applied Arts
 - Ap. A. 133—Design
 - Ap. A. 331—Interior Design
 - Ap. A. 228—Appreciation of Art Today
 - Ap. A. Electives—12 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (18 semester hours):
 - Ch. D. & F. R. 233—Child Growth and Development
 - Cloth. & Text. 231—Textiles for the Consumer
 - Cloth. & Text. 237—Apparel Selection and Design
 - Food & Nutr. 334—Human Nutrition
 - H. Mgt. Elective—3 semester hours
 - H. E. Elective—3 semester hours
- V. Electives in any school of the College to complete 127 semester hours.

* Ap. A. 131 from Group II applies toward the 24 semester hours.

Suggested Program By Years — Applied Arts

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132, College Rhetoric.....	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band.....	2	P. E. or Band	2
*Science	6	*Science: Zool. 137—Anatomy & Physiology	3
Home Economics		Home Economics	
Ap. A. 131—Art Applied to Daily Living..	3	Ap. A. 112—Survey in Applied Arts	1
Ch. D. & F. R. 112—Personal Competence in College	1	Ap. A. 228—Appreciation of Art Today	2
Ch. D. & F. R. 131—Personal and Family Relationships.....	3	Ap. A. Electives	9
Cloth. & Text. 131—Wardrobe Analysis & Construction.....	3	Cloth. & Text. 231—Textiles for the Consumer	3
Food & Nutr. 131—Nutrition & Food.....	3	Cloth. & Text. 237—Apparel Selection & Design	3
H. Mgt. 131—Management & Consumer Problems	3	Elective(s) to complete normal load	33
Ap. A. 133—Design.....	3		
or Electives (to complete normal load)	3		
	33		32
THIRD YEAR		FOURTH YEAR	
General Education		General Education	
Govt. 233-234—American Government	6	Home Economics	
**Hist. 231-232—History of the U.S.	6	Food & Nutr. 334—Human Nutrition ...	3
*Science	6	H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3
Home Economics		H. E. Ed. 411—Home Economics Seminar ..	1
Ap. A. Elective	3	H. Mgt. Elective	3
Ap. A. 331—Interior Design	3	H. E. Elective	3
Ch. D. & F. R. 233—Child Growth & Development	3	Elective(s) to complete normal load	19
Elective(s) to complete normal load	3		32
	30		

Courses In Applied Arts

For Undergraduates

112. Survey In Applied Arts. (1:1:0)***
Survey of philosophies and purposes in the field of applied arts with emphasis on applied arts courses, options and professional opportunities.
131. Art Applied To Daily Living. (3:1:4)
Elements and principles of design as they function in the life of the individual, the home, and the community.
133. Design. (3:1:4)
Prerequisite: Ap. A. 131 or equivalent. Continuation of elements and principles of design and the use of basic art techniques as a means of expression.
228. Appreciation Of Art Today. (2:2:0)
Prerequisite: Sophomore standing. The meaning of beauty and the value of art training in everyday life. Practice in evaluating objects with reference to beauty, cost, and use.
232. Crafts Survey. (3:1:4)
Prerequisite: Sophomore standing. Design and construction of crafts to use in homes, schools, and recreational departments.

233. Textile Design. (3:1:4)

Prerequisite: Approval of instructor. An experimental approach to the methods of designing for fabrics. Block print, stencil, tie-dye, batik, and others.

236. Techniques of Perspective Drawing And Rendering. (3:1:4)

Problems in drawing in perspective and in rendering interiors in watercolor and mixed media. Suggested for all students taking Interior Design Option before enrolling in Ap. A. 331.

331. Interior Design. (3:1:4)

Prerequisite: Sophomore standing. Applications of design principles to selection and arrangement of furnishings for a house with emphasis on utility, beauty, and convenience.

332. Woodwork. (3:1:4)

Prerequisite: Junior standing. Design, construction, and finishing of furniture and of lathed and carved pieces. Emphasis on creative thinking, thorough planning and craftsmanship.

333. Weaving. (3:1:4)

Fundamentals of weaving. Emphasis on the creative approach to design on the loom. Sur-

* For Science Requirements, see Page 46.

** History 330 may be substituted for Hist. 231 or 232.

*** Symbols follow name and number of a course, as Ap. A. 112 (1:1:0). The first digit, 1, refers to the credit hours of the course; the second digit, 1, refers to the number of lecture hours scheduled per week; and the third digit, 0, refers to the number of laboratory hours scheduled per week.

vey of development of textiles. \$5 yarn fee. Repeat once for credit.

337-338. Art In Elementary Education.
(3:1:4 each)

Practical application of current art education practices in providing creative experiences for children in our schools.

3311. Advanced Crafts. (3:1:4)

Prerequisites: Advanced standing and approval of Head of Department. Individual study in a specific craft.

For Undergraduates and Graduates

421. Special Problems. (2:0:4)

Prerequisite: Junior standing, approval of faculty committee. Advanced work in any art field in which the student has had previous training, and in which he desires to increase understanding through his own investigations. May be repeated once for credit.

425. Silk Screen. (2:0:4)

Prerequisite: Approval of instructor. An experimental approach to techniques in silk screen printing. Serigraphs and textiles executed.

427. Sculpture. (2:0:4)

Prerequisite: Approval of instructor. Creative experience in three-dimensional design in various media.

433. Advanced Interior Design. (3:1:4)

Prerequisites: Junior standing and Ap. A. 236 and 331. Planning and selecting furnishings for homes and public areas in the community.

434. Metalwork. (3:1:4)

Prerequisite: Junior standing and approval of instructor. Creative designs executed in copper, brass, silver, and aluminum. Aimed toward developing design ability and technical skills in various structural and decorative processes.

435. Jewelry. (3:1:4)

Prerequisites: Junior standing and approval of instructor. Creative designs executed in brass, copper, silver, or gold.

436. Art In Secondary Education. (3:3:0)

Prerequisites: Junior standing and working toward art certification. Investigation and study of current art education practices for secondary schools.

439. Experience Training In Applied Arts. (3:1:6)

Prerequisite: Senior standing and approval of Department Head. Student arranges to gain first-hand experience in a local business firm or institution. Work must be done in the field of applied arts in which the student has chosen an option. May be repeated once for credit.

For Graduates

531. Special Problems. (3:1:4)

Prerequisite: Approval of faculty committee. Advanced work in any art field in which student has had previous training, and in which he desires to increase his understanding through creative exploration. May be repeated once for credit.

537. Arts For Exceptional Children.
(3:1:4)

Prerequisites: Graduate standing and approval of Head of Department. Review of the characteristics of atypical children; application of this knowledge in unfolding the creative potentialities of each child through the use of art experiences as a vocational as well as a recreational medium.

5335. Theory And Practice Of Art For Elementary Teachers. (3:1:4)

Prerequisite: Graduate standing. A study of art activities and experiences for the child.

Department of CLOTHING AND TEXTILES

Gene Shelden, Head of the Department

Professor:

Miss Shelden

Associate Professor:

Mrs. Kinchen

Assistant Professors:

Miss Gerlach, Miss Messer

Part-Time Instructor:

Mrs. Henry

Clothing and Textiles

The curriculum in the Department of Clothing and Textiles reflects the importance of both the psychological and the sociological aspects of clothing. Emphasis is placed on managerial processes and buying practices in relation to textile products for both the individual family members and for the home.

A student may earn the Bachelor of Science Degree in Home Economics in the Department of Clothing and Textiles by the choice of one of four options.

Fashion Option

The fashion option is planned to help the student develop creative ability and fashion judgment in preparation for entering some phase of fashion work, for example — designing, fashion coordinating, or retailing. This option provides opportunity for a wide choice of courses in the arts.

Merchandising Option

The merchandising program combines the fashion work of the department with courses in the School of Business Administration. Thus, the student has an opportunity to develop discriminating taste in fashion as well as to obtain training in operations concerning retail functions.

The students who complete the fashion or the merchandising option may have the advantage of an additional training period with the employing firm.

Technology Option

Textile technology prepares the individual to enter technical aspects of clothing and textiles, such as laboratory testing, fabric analysis, and specification buying. This training is based on a strong background in science — chemistry, physics, and mathematics — plus the requirements in clothing and textiles.

Double Major Option

The double major option combines the requirements of the fashion option with the requirements of the Home Economics Education Department, thus preparing the student to enter either fashion work or teaching.

The clothing and textiles staff confers with the student in helping her to find the particular option which best fits her talents and interests, and which therefore appears to be the most promising one for her.

In meeting degree requirements for a major in clothing and textiles, students must make a grade of C or above in all clothing and textiles courses. Students not measuring up to this academic standard will be required to enroll in additional course work as stipulated by the Head of the Department.

The Department offers, also, a Master of Science Degree in Home Economics with a major in clothing and textiles.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Clothing and Textiles Major (Fashion Option)

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Clothing and Textiles (to total 24 semester hours*):
 - Cloth. & Text. 231—Textiles for the Consumer
 - Cloth. & Text. 232—Dressmaker Tailoring and Design
 - Cloth. & Text. 237—Apparel Selection and Design
 - Cloth. & Text. 433—History and Philosophy of Dress
 - Cloth. & Text. 436—Pattern Design
 - Cloth. & Text. Electives—6 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (14 semester hours):
 - Ap. A. 228—Appreciation of Art Today
 - Ap. A. 331—Interior Design
 - Ch. D. & F. R. Elective—3 semester hours
 - Food & Nutr. 334—Human Nutrition
 - H. Mgt Elective—3 semester hours
- V. Electives in any school of the College to complete 127 semester hours.
 - (Recommended: Foreign Language—12 semester hours;
 - Speech—3 semester hours)

* Cloth. & Text. 131 from Group II applies toward the 24 semester hours.

Suggested Program By Years — Clothing and Textiles (Fashion Option)

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132—College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
*Science	6	*Science (Zool. 137—Anatomy & Physiology)	3
Home Economics		Home Economics	
Ap. A. 131—Art Applied to Daily Living	3	Ap. A. 228—Appreciation of Art Today	2
Ch. D. & F. R. 112—Personal Competence in College	1	Cloth. & Text. 232—Dressmaker Tailoring & Design	3
Ch. D. & F. R. 131—Personal & Family Relations	3	Cloth. & Text. 237—Apparel Selection & Design	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Cloth. & Text. Elective	3
Food & Nutr. 131—Nutrition & Food	3	Elective(s) to complete normal load	6
H. Mgt. 131—Management & Consumer Problems	3	(Recommended: Foreign Language—6 hrs.)	
Cloth. & Text. 231—Textiles for the Consumer	3		
or Electives (to complete normal load)			
	33		34
THIRD YEAR		FOURTH YEAR	
General Education		General Education	
Govt. 233-234—American Government	6	**Hist. 231-232—History of the U. S.	6
*Science	3	Home Economics	
Home Economics		Ch. D. & F. R. Elective	3
Ap. A. 331—Interior Design	3	Cloth. & Text. 433—History & Philosophy of Dress	3
Cloth. & Text. Elective	3	Cloth. & Text. 436—Pattern Design	3
Food & Nutr. 334—Human Nutrition	3	H. E. Ed. 411—Home Economics Seminar	1
H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3	H. Mgt. Elective	3
Elective(s) to complete normal load	9	Elective(s) to complete normal load	11
(Recommended: Foreign Language—6 hours)		(Recommended: Speech—3 hours)	
	30		30

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Clothing and Textiles Major (Merchandising Option)

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Clothing and Textiles (to total 24 semester hours***):
 - Cloth. & Text. 231—Textiles for the Consumer
 - Cloth. & Text. 232—Dressmaker Tailoring & Design
 - Cloth. & Text. 237—Apparel Selection & Design
 - Cloth. & Text. 334—Family Clothing
 - Cloth. & Text. 433—History & Philosophy of Dress
 - Cloth. & Text. Electives—6 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (27 semester hours):
 - Acct. 244—Elementary Accounting I
 - Ap. A. 228—Appreciation of Art Today
 - Ap. A. Elective—3 semester hours
 - Ch. D. & F. R. Elective—3 semester hours
 - Food & Nutr. 334—Human Nutrition
 - H. Mgt. Elective—3 semester hours
 - Mkt. 232—Principles of Marketing
 - Mkt. 334—Principles of Advertising, or Mkt. 335—Principles of Retailing
 - Mkt. 438—Sales Promotion, Retail Advertising, & Display
- V. Electives in any school of the College to complete 127 semester hours.
 - (Recommended: Eco. 231-232—Principles of Economics I, II
 - Speech—3 semester hours)

* For Science Requirements, see Page 46.

** Hist. 330 may be substituted for Hist. 231 or 232.

*** Cloth. & Text. 131 from Group II applies toward the 24 semester hours.

Suggested Program By Years — Clothing and Textiles (Merchandising Option)

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132—College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
*Science	6	*Science: (Zool. 137—Anatomy & Physiology	3
Home Economics		*Science	6
Ap. A. 131—Art Applied to Daily Living ...	3	Acct. 244—Elementary Accounting I	4
Ch. D. & F. R. 112—Personal Competence in College	1	Home Economics	
C. D. & F. R. 131—Personal & Family Relations	3	Cloth. & Text. 232—Dressmaker Tailoring & Design	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Cloth. & Text. 237—Apparel Selection & Design	3
Food & Nutr. 131—Nutrition & Food	3	Elective(s) to complete normal load	6
H. Mgt. 131—Management & Consumer Problems	3	Recommended: Eco. 231-232—Principles of Economics I, II—6 hrs.	
Cloth. & Text. 231—Textiles for the Consumer	3		33
or Electives (to complete normal load)			
	33		

THIRD YEAR	HOURS	FOURTH YEAR	HOURS
General Education		General Education	
Govt. 233-234—American Government	6	Mkt. 438—Sales Promotion, Retail Advertising, & Display	3
**Hist. 231-232—History of the U. S.	6	Home Economics	
*Science	3	Ap. A. Elective	3
Mkt. 232—Principles of Marketing	3	Ch. D. & F. R. Elective	3
Mkt. 334—Principles of Advertising	3	Cloth. & Text. 433—History & Philosophy of Dress	3
Home Economics		Cloth. & Text. Elective	3
Ap. A. 228—Appreciation of Art Today	2	Food & Nutr. 334—Human Nutrition	3
Cloth. & Text. 334—Family Clothing	3	H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3
Cloth. & Text. Elective	3	H. E. Ed. 411—Home Economics Seminar	1
Elective(s) to complete normal load	3	H. Mgt. Elective	3
(Recommended: Speech—3 hours)		Elective(s) to complete normal load	4
	32		29

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Clothing and Textiles Major (Technology Option)

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (54 semester hours)
Science requirements for Clothing and Textiles major with Technology Option are specified as follows:
Zool. 137—Anatomy & Physiology
Soc. 230—Introduction to Sociology
Chem. 141-142—General Chemistry
Chem. 341—Introductory Organic Chemistry
Phys. 141-142—General Physics
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Clothing and Textiles (to total 24 semester hours**):
Cloth. & Text. 231—Textiles for the Consumer
Cloth. & Text. 232—Dressmaker Tailoring & Design
Cloth. & Text. 237—Apparel Selection & Design
Cloth. & Text. 431—Textile Testing & Analysis
Cloth. & Text. 433—History & Philosophy of Dress
Cloth. & Text. Electives—6 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (23 semester hours):
Ap. A. 228—Appreciation of Art Today

* For Science Requirements, see Page 46.

** History 330 may be substituted for Hist. 231 or 232.

*** Cloth. & Text. 131 from Group II applies toward the 24 semester hours.

Ap. A. Elective—3 semester hours
 Ch. D. & F. R. Elective—3 semester hours
 Food & Nutr. 334—Human Nutrition
 H. Mgt. Elective—3 semester hours
 Math. 133—College Algebra
 Math. 238—Statistics
 Eng. 233 or 234—Technical Writing

V. Electives in any school of the College to complete 127 semester hours.

Suggested Program By Years — Clothing and Textiles (Technology Option)

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132—College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
*Science: Zool. 137—Anatomy & Physiology	3	*Science: Chem. 141-142—General Chemistry	8
*Science: Soc. 230—Introduction to Sociology	3		
Math. 133—College Algebra	3	Home Economics	
Home Economics		Ap. A. 228—Appreciation of Art Today	2
Ap. A. 131—Art Applied to Daily Living	3	Cloth. & Text. 232—Dressmaker Tailoring & Design	3
Ch. D. & F. R. 112—Personal Competence in College	1	Cloth. & Text. 237—Apparel Selection & Design	3
Ch. D. & F. R. 131—Personal & Family Relations	3	Food & Nutr. 131—Nutrition & Food	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Elective(s) to complete normal load (Recommended: Foreign Language—6 hours)	6
H. Mgt. 131—Management & Consumer Problems	3		33
Cloth. & Text. 231—Textiles for the Consumer	3		
or Electives (to complete normal load)			
	33		
		FOURTH YEAR	HOURS
THIRD YEAR	HOURS	General Education	
General Education		*Science: Phys. 141-142—General Physics	8
Govt. 233-234—American Government	6	Eng. 233 or 234—Technical Writing	3
**Hist. 231-232—History of the U. S.	6	Home Economics	
*Science: Chem. 341—Introductory Organic Chemistry	4	Ch. D. & F. R. Elective	3
Math. 238—Statistics	3	Cloth. & Text. 433—History & Philosophy of Dress	3
Home Economics		Cloth. & Text. 431—Advanced Textiles	3
Ap. A. Elective	3	H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3
Cloth. & Text. Electives	6	H. E. Ed. 411—Home Economics Seminar	1
Food & Nutr. 334—Human Nutrition	3	H. Mgt. Elective	3
Elective(s) to complete normal load	3	Elective(s) to complete normal load (Recommended: Speech—3 hours)	3
	31		30

Courses In Clothing And Textiles

For Undergraduates

131. Wardrobe Analysis And Construction. (3:1:4)***
 Techniques in construction. Emphasis on wardrobe planning, consumer buying, and time management in relation to clothing.

132. Clothing And Household Fabrics For The Beginning Homemaker. (3:1:4)

Planned for students not applying for a degree in home economics. Experience in buying of fabrics for the individual and the home.

* For Science Requirements, see Page 46.

** Hist. 330 may be substituted for Hist. 231 or 232.

*** See Symbols, footnote Page 19.

231. Textiles For The Consumer. (3:3:0)
A study of fibers, fabrics, finishes, labeling, and care of textiles. Emphasis on buying of fabrics for the individual and the home.

232. Dressmaker Tailoring And Design. (3:1:4)

Prerequisite: Cloth. & Text. 131. Principles of dressmaking and basic tailoring applied to a coat or suit. Developing an original blouse design.

233. Decorator Fabrics. (3:1:4)

Refinishing and upholstering a chair. Making draperies and other furnishings. Consumer problems in buying upholstered furniture.

237. Apparel Selection And Design. (3:1:4)

Prerequisite: Ap. A. 131 or equivalent. Analysis of clothing behavior. Study of relationship of personality and style. Elements and principles of design applied to selection of apparel. Consideration of factors of becomingness, appropriateness, service and economy of clothing. Experiences in developing some creativity in designing.

334. Family Clothing. (3:3:0)

Prerequisite: Cloth. & Text. 131. Planning for clothing to suit various family spending patterns. Problems in shopping for all family members with emphasis on children's clothing.

For Undergraduates and Graduates

411. Special Problems. (1:0:3)

Prerequisite: Cloth. & Text. 232. Individual study including readings and other experiences in the area of clothing and textiles. May be repeated for 2 or 3 hours' credit.

431. Textile Testing And Analysis. (3:1:4)

Prerequisites: Cloth. & Text. 231, 232. Inherent characteristics of both natural and man-made fibers as basic guides to selecting textiles suited to specific needs. Effect of finishes on characteristics of fibers. Evaluation of consumer literature and practices, standards, laws, and current developments. Experience in using standard testing methods.

432. Dress Design And Draping. (3:1:4)

Prerequisite: Cloth. & Text. 232 and 237. Construction of the individual dress form. Design developed by draping fabrics on the dress form. Emphasis on originality in use of line, texture, and color.

433. History And Philosophy Of Dress. (3:3:0)

Prerequisite: Junior standing. Study of the effect of socio-economic developments of other civilizations upon the dress of the western world. Evolution of costume and accessories of dress. Relation of religion, psychology, government and art to historic and modern dress. Use of historic data as source material for dress designing.

436. Pattern Design. (3:1:4)

Prerequisites: Cloth. & Text. 232 and 237. Use of fundamental dart as basic theory in fitting and designing of patterns. Creative design developed in half-scale patterns, in full-size pat-

tern for the student, and in garments. Designing and making a blouse and a dressy garment.

437. Demonstration Techniques In Clothing. (3:3:0)

Prerequisites: Cloth. & Text. 232 and advanced standing. Projects in illustrated talks to adult groups in buying articles of dress, or equipment; tailoring before a class or on television; presenting a skit or style show; preparing publicity for newspapers, radio, exhibits.

For Graduates

512-517. Advanced Clothing Units.

Cr. 1 each. (1:0:3)

Prerequisites: Advanced clothing courses and advanced standing. Short units are based on the special needs of the individual, in each of the following areas.

512. Shortcuts and Application of the Bishop Method.

513. Dressmaking Tailoring.

514. Classroom Application of New Techniques.

515. New Fibers, Fabrics, and Finishes.

516. Construction, Use, and Care of Fabrics.

517. Teacher Aids.

518. Seminar. (1:1:0)

Readings in recent developments in the field of clothing and textiles.

531. Special Problems In Clothing And Textiles. (3:1:6)

Prerequisites: Advanced clothing courses and graduate standing. Current problems in clothing such as (A) advanced pattern design — making a sloper and basic pattern and designing and constructing garments based on this pattern; (B) advanced draping — creating design in muslin and selected fabrics; and (C) research in clothing and textiles. No problem may be repeated for credit.

534. Custom Tailoring. (3:1:4)

Prerequisites: Advanced clothing courses and advanced standing. Special techniques in custom tailoring and fitting. Wool suit or coat.

535. Home Furnishings. (3:1:4)

Prerequisite: Application of simplified sewing techniques and fabric choices to upholstering furniture; making interlined draperies, bedspreads, tablecloths, slipcovers.

5335. Textile Trends And Resources For Elementary Teachers. (3:3:0)

Prerequisite: Graduate standing in elementary education. Consumer source materials; historical and recent developments in textiles. Units of special significance for each elementary grade. Special attention to consumer problems for the personal use of class members.

630. Master's Report. (3)

631-632. Master's Thesis. (6)

Department of FOOD AND NUTRITION

Mina Wolf Lamb, Head of the Department

Professor:

Mrs. Lamb

Assistant Professors:

Mrs. Holden, Mrs. McPherson

Instructors:

Mrs. Boren*, Mrs. Martin, Miss Wood*

* Jointly with the Department of Home and Family Life

Food and Nutrition

The Department of Food and Nutrition emphasizes the significant role of food in the lives of people today. The needs of every educated person, regardless of his chosen profession, require an understanding of nutrition as a basic factor in personal and family health. Furthermore, a knowledge of the cultural and social aspects of food as exemplified in the selection of a nutritious diet and the efficient service of food with the proper appointments is essential for an educated person. In order to provide this kind of education, courses are offered in the Department of Food and Nutrition which emphasize management of time, motion, equipment, and money to the best advantage of the individual and to the greatest nutritive value of the food involved.

Contemporary needs of individuals are of primary consideration in teaching students to select food on the basis of nutrition and to recognize sanitation as a part of the social standard of food service. Students also have opportunity to observe laboratory animals living on diets of various types in order to correlate the nutritional quality of these diets with the welfare of the individual.

A student may earn both the Bachelor of Science and Master of Science Degrees in Home Economics with a major in food and nutrition with the program of study directed toward one of several professional areas.

Dietetics and Institutional Management

Demands for graduates trained in the field of food and nutrition by far surpass the supply, so that men and women trained in food

and nutrition are assured employment in a rapidly expanding profession.

The demand is great for dietitians in civilian and military hospitals: the need is so urgent that the Departments of the Army and Air Force are offering junior and senior college students generous financial aid for the completion of their college degrees under a Student Dietitian Training Program. Graduates may receive financial aid from all military departments of the government in order to intern in one of 64 intern training centers in the United States approved by the American Dietetic Association.

Dietitians are also needed in college dormitories, state institutions, and private food service enterprises such as tea rooms, restaurants, clubs, hotels, and industrial cafeterias.

Research

Demand for research in the area of food and nutrition has increased during the last few years so that training people qualified to do research is urgent. Graduates with bachelor's and advanced degrees, trained in food and nutrition, are sought as researchers for commercial firms, universities, and government agencies; as public health nutritionists in city, state, and federal health agencies; and as editors for magazines and newspapers.

Teaching

If a student is interested in teaching at the secondary level, a double major with home economics education can be planned. Special degree plans can be initiated to prepare students for the profession of college and university teaching.

Inter-Disciplinary Opportunities

The aims of the Department of Food and Nutrition are to meet the needs of the personal life of the students, as well as to provide a sound foundation on which to base success in the profession. Degree plans can be arranged with other departments in the College such as the Departments of Chemistry, Management, Marketing, Education, and Industrial Engineering. This cross-departmental study strengthens the training of ambitious students for responsible positions.

American Dietetic Association Approval

The curriculum in this department meets the academic requirements specified by the American Dietetic Association for dietetic internships and membership in the Association.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Major in Food and Nutrition

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (55-56 semester hours)
Science requirements for Food and Nutrition majors are specified to meet American Dietetics Association standards:
Bact. 231—Bacteriology
Zool. 137—Anatomy & Physiology
Chem. 141-142—General Chemistry
Chem. 341—Introductory Organic Chemistry
Chem. 342—Physiological Chemistry, or
Food & Nutr. 432—Advanced Human Nutrition
Soc. 230—Introduction to Sociology, or
Soc. 233—Current Social Problems
Psy. 330—Psychology in Business & Industry
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Food and Nutrition (to total 25 semester hours*):
Food & Nutr. 231—Principles of Cookery
Food & Nutr. 331—Meal Management
Food & Nutr. 334—Human Nutrition
Food & Nutr. 347—Management in Quantity Food Production
Food & Nutr. Electives—9 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (12 semester hours):
Ap. A. 331—Interior Design
Ch. D. & F. R. Elective—3 semester hours
Cloth. & Text. 231—Textiles for the Consumer
H. Mgt. 432—Home Management Residence
- V. Electives in any school of the College to complete 127 semester hours

Suggested Program By Years — Food and Nutrition

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132, College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
**Science:		**Science:	
Chem. 141-142—General Chemistry	8	Zool. 137—Anatomy & Physiology	3
Home Economics		Chem. 341—Introductory Organic Chemistry	4
Ap. A. 131—Art Applied to Daily Living	3	Psy. 330—Psychology in Business & Industry	3
Ch. D. & F. R. 112—Personal Competence in College	1	Home Economics	
Ch. D. & F. R. 131—Personal & Family Relations	3	Cloth. & Text. 131—Wardrobe Analysis & Construction	3
Food & Nutr. 131—Nutrition & Food	3	Cloth. & Text. 231—Textiles for the Consumer	3
H. Mgt. 131—Management & Consumer Problems	3	Food & Nutr. 331—Meal Management	3
Food & Nutr. 231—Principles of Cookery	3	Food & Nutr. 334—Human Nutrition	3
or Electives (to complete normal load)		Elective(s) to complete normal load	3
	32		33
THIRD YEAR	HOURS	FOURTH YEAR	HOURS
General Education		General Education	
Govt. 233-234—American Government	6	**Science:	
**Hist. 231-232—History of the U. S.	6	Chem. 342—Physiological Chemistry, or Food & Nutr. 432—Advanced Human Nutrition	3 or 4
**Science:		Home Economics	
Bact. 231—Bacteriology	3	Food & Nutr. Electives	6
Soc. 230—Introduction to Sociology, or Soc. 233—Current Social Problems	3	Ch. D. & F. R. Elective	3
Home Economics		H. Mgt. 432—Home Management Residence	3
Ap. A. 331—Interior Design	3	H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3
Food & Nutr. 347—Management in Quantity Food Production	4	H. E. Ed. 411—Home Economics Seminar	1
Food & Nutr. Elective	3	Elective(s) to complete normal load	11 or 12
Elective(s) to complete normal load	3		31
	31		

* Food & Nutr. 131 from Group II applies toward the 24 semester hours.

** For Science Requirements, see Page 46.

*** Hist. 330 may be substituted for Hist. 231 or 232.

Courses In Food And Nutrition

For Undergraduates

111. School Lunch Workshop. (1:1:arr.)*
Admission by special approval. May be used for degree credit with Dean's approval.

131. Nutrition And Food. (3:1:4)
Nutrition applied to human dietary needs, including experiences in dietary analysis, animal feeding demonstrations, principles of food preparation, and meal management.

135. Basic Nutrition For Nursing Education. (3:1:4)
Experiences in calculations of nutritional adequacy of diets, animal feeding demonstrations, and principles of food preparation and service.

231. Principles Of Cookery. (3:1:4)
Principles and short cuts of food preparation with implications for family meal management and skill in cookery.

331. Meal Management. (3:1:4)
Prerequisite: Food & Nutr. 131 or junior standing. Management of time, money, equipment, and energy in food purchasing, preparation, and serving family meals.

334. Human Nutrition. (3:2:3)
Prerequisite: Zool. 137, other laboratory science. Physiological functioning of nutrients, their availability, and emphasis in menu and dietary planning. Bioassay and dietary analysis as tools in teaching and in research.

347. Management In Quantity Food Production. (4:2:6)
Prerequisite: Food & Nutr. 331, junior standing. Organization and management of food production in quantity. Emphasis on skill in portion and cost control, arrangement of work area, time and labor management, and selection of personnel.

For Undergraduates and Graduates

411. Nutrition And The School Lunch. (1:0:3)
Acceptability of foods, nutritional requirements of the school child, methods of developing good food habits through the use of the school lunch; analysis of the school lunch program. May be repeated for credit, but only one hour may be applied toward any degree.

420. Cultural Aspects Of Food And Nutrition. (2:2:0)
The role of food in the history of people of the world and the development of current cultural and social concepts.

431. Nutrition In Disease. (3:2:3)
Prerequisite: Food & Nutr. 334, and organic chemistry. Adaptation of diets required for the sick; dietary treatment of certain diseases.

432. Advanced Human Nutrition. (3:3:0)
Prerequisites: Food & Nutr. 334, and organic

chemistry. The functions of nutrients in the chemistry and physiology of the human body, with emphasis on needs of children, adults, and the aged.

430. Food Technology. (3:2:3)
Prerequisites: Junior standing, bacteriology, and other laboratory science. Consideration and observation of numerous technological aspects of food in production, preservation, processing, and merchandising.

435. Food Demonstration. (3:1:4)
Prerequisites: Food & Nutr. 331, junior standing. Study, observation, and practice of demonstration methods used with food in teaching, merchandising, and television.

436. Experimental Methods With Food. (3:1:6)
Prerequisite: Food & Nutr. 331, and chemistry. Investigation of the chemical and physical factors influencing quality in food. Consideration of proportions, manipulation of ingredients, and additives in preparation.

439. Food Economics. (3:1:4)
Prerequisite: Food & Nutr. 131, junior standing. Food economics and legislation as related to the purchase of food, to the use of time, labor, and equipment, and to the nutritional adequacy of dietaries.

For Graduates

515. Special Aspects Of Foods. (1:0:3)
Prerequisite: A degree in home economics, or a comparable background. Different aspects of foods offered in different years. Consideration given to such aspects as preservation of foods through freezing and other methods; meat selection and preparation; special meal management techniques, food technology.

531. Research In Food And Nutrition. (3:1:6)
Areas of research chosen in consultation with the professor involved. May be repeated once for credit.

533. Seminar In Nutrition. (3:3:0)
A critical study of the current professional literature in the area of nutrition. Preparation and presentation of reports and resume on selected subjects. May be repeated once for credit.

5335. Principles And Applications Of Nutrition For Elementary Teachers. (3:3:0)
Prerequisites: Graduate standing in elementary education. Principles of nutrition with emphasis on nutrient and food requirements of the school child. Use of illustrative materials and animal feeding demonstrations.

630. Master's Report. (3)

631-632. Master's Thesis. (6)

* See Symbols, footnote Page 19.

Department of HOME ECONOMICS EDUCATION

Vivian Johnson Adams, Head of the Department

Professors:

Mrs. Adams, Miss Tinsley

Associate Professors:

Miss Nesbitt, Mrs. Wallace*, Miss Williamson

Part-Time Instructor:

Mrs. Pettyjohn

* Jointly with the Department of Home and Family Life

Home Economics Education

The purpose of the Department of Home Economics Education curriculum at the undergraduate level is to meet the legal requirements for teaching vocational homemaking in the secondary schools of Texas. Texas Technological College has been approved by the Federal and State Boards of Vocational Education to provide training in vocational home economics education.

On successful completion of this curriculum, the student is recommended for the Permanent Provisional Teaching Certificate, valid for life, in the specialized area of vocational homemaking education (formerly referred to as a Smith-Hughes Certificate or a Certificate of Approval). This certificate may be obtained while earning either the bachelor's or master's degree. A program is also available for meeting the requirements for the Professional Certificate for the student who pursues graduate work. In addition, the School of Home Economics is approved to offer a specialized program for Supervision in Home Economics Education.

This department also offers a Master of Science Degree in Home Economics with a major in home economics education, and makes cooperative provision for a Master of Education Degree with a major in home economics education. See Graduate Bulletin for details.

Each year a large number of high schools in the West Texas area cooperate with the College in making their vocational homemaking departments available for home economics education students to obtain teaching experience in the total school program where special attention is given to helping students develop leadership abilities through a variety of activities guided by experienced teachers. Student teachers also observe and assist in teaching adults. Student teaching activities include opportunity to work with high school pupils in home experiences and in planning and

carrying out Future Homemakers of America activities. Experience is gained in preparing a variety of teaching materials and exhibits in making applications of learning procedures.

In addition to student teaching, a selected group of juniors in this department is offered an opportunity to serve as apprentice teachers in the summer phase of the high school homemaking program. This opportunity was first made possible by financial support from the Sears-Roebuck Foundation. Through the cooperation of the Division of Vocational Education, Home and Family Life Education, the Texas Education Agency, and the public schools, a modified apprentice teaching plan is continuing without financial support.

While the curriculum for the major in home economics education provides preparation in the area of teaching in the field of home economics at secondary, college, and university levels, such preparation also helps young women find employment in home demonstration work of the Agricultural Extension Service; religious education work in church organizations; home service work with public utility programs; and other fields related to home economics. The broad basis upon which the curriculum is developed, likewise, is designed for the vocation of homemaking.

The home economics education program will also provide a good background for the person who is interested in managerial and administrative responsibilities in the respective occupational fields in which she may engage.

Double Majors

An increasing number of students in the School of Home Economics desire to qualify in two major areas of home economics. This choice is encouraged as women who enter professional fields often find it highly advantageous to be prepared for a number of occupations related to the broad areas of home economics. It is recognized that many professional women must adapt their occupational choices to family needs and situations. To accommodate these students a so-called double major is planned with other departments in the School of Home Economics.

The choice of a second major should be made early, preferably not later than the last semester of the sophomore year or first semester of the junior year in order that carefully designed programs may be planned.

A student intending to complete requirements for two majors usually must plan to spend a longer time in college. Careful selection of electives may shorten this period.

Requirements Relating To The Provisional Certificate In The Field Of Vocational Home Economics*

Requirements for Admission to Student Teaching. Each person expecting to receive a teaching certificate in vocational homemaking must meet the following admission standards to student teaching:

1. Must have completed approximately 90 hours of the home economics education curriculum, including the requisite courses in professional home economics and a majority of the courses designed to support the major field.
2. Must have a 1.00 average on all college work and a 1.25 average in professional education, as well as in all home economics courses. No grade below C in home economics courses will be accepted in establishing this average.
3. Must file an application with the Department of Home Economics Education to enroll in student teaching during the first semester of the junior year.
4. Students transferring to this college in their senior year who wish to be recommended for certification must include in their requirements at least three semester hours in each of the subject matter departments in the field of home economics. This requirement may be increased on the recommendation of the Head of the Department of Home Economics Education.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Major in Home Economics Education

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in professional education (to total 24 semester hours**):
 - Educ. 130—Foundations of Education
 - Educ. 232—Educational Psychology
 - H. E. Ed. 332—Methods of Teaching Home Economics
 - H. E. Ed. 433—Methods in Civil Defense for Home & Community, or
 - H. E. Ed. 435—Methods in Adult Leadership in Home Economics
 - H. E. Ed. 426—Problems in Student Teaching
 - H. E. Ed. 461—Student Teaching in Home Economics
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (33 semester hours):
 - Ap. A. 331—Interior Design
 - Ch. D. & F. R. 233—Child Growth & Development, or
 - Ch. D. & F. R. 431—Later Childhood
 - Ch. D. & F. R. 433—Family Relations
 - Cloth. & Text. 231—Textiles for the Consumer
 - Cloth. & Text. 232—Dressmaker Tailoring & Design
 - Cloth. & Text. 237—Apparel Selection & Design
 - Food & Nutr. 331—Meal Management
 - Food & Nutr. 334—Human Nutrition
 - H. Mgt. 432—Home Management Residence
 - H. Mgt. Elective—3 semester hours
 - Ch. D. & F. R. or H. Mgt. Elective—3 semester hours
- V. Electives in any school of the College to complete 127 semester hours.

* Additional information on teaching certificates may be found in the General Information Bulletin.

** H. E. Ed. 331 & 411 from Group II applies toward the 24 semester hours.

Suggested Program By Years — Home Economics Education

FIRST YEAR	HOURS
General Education	
Eng. 131-132, College Rhetoric	6
P. E. or Band	2
*Science	6
Home Economics	
Ap. A. 131—Art Applied to Daily Living	3
Ch. D. & F. R. 112—Personal Competence in College	1
Ch. D. & F. R. 131—Personal & Family Relations	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3
Food & Nutr. 131—Nutrition & Food	3
H. Mgt. 131—Management & Consumer Problems	3
Cloth. & Text. 231—Textiles for the Consumer	3
or Electives (to complete normal load)	
	33

THIRD YEAR	HOURS
General Education	
Govt. 233-234—American Government	6
**Hist. 231-232—History of the U. S.	6
*Science	3
Home Economics	
Ap. A. 331—Interior Design	3
Ch. D. & F. R. 433—Family Relations	3
Cloth. & Text. 232—Dressmaker Tailoring & Design	3
Food & Nutr. 334—Human Nutrition	3
H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3
Elective(s) to complete normal load	2
	32

SECOND YEAR	HOURS
General Education	
Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2
*Science	3
*Science: Zool. 137—Anatomy & Physiology	3
Ed. 130—Foundations of Education	3
Ed. 232—Educational Psychology	3
Home Economics	
Ch. D. & F. R. 233—Child Growth & Development	3
Cloth. & Text. 237—Apparel Selection & Design	3
Food & Nutr. 331—Meal Management	3
or Elective(s) to complete normal load	3
	32

FOURTH YEAR	HOURS
General Education	
*Science	3
Home Economics	
H. Mgt. 432—Home Management Residence	3
H. Mgt. & Ch. D. & F. R. Electives	6
H. E. Ed. 332—Methods of Teaching Home Economics	3
H. E. Ed. 411—Home Economics Seminar	1
H. E. Ed. 426—Problems in Student Teaching	2
H. E. Ed. Elective	3
H. E. Ed. 461—Student Teaching in Home Economics	6
Elective(s) to complete normal load	3
	30

Courses In Home Economics Education

For Undergraduates

331. Philosophy And Principles Of Vocational Home Economics. (3:3:0)***

Prerequisite: For majors, Educ. 130, 232; non-majors, junior standing in home economics. Study and observation of typical vocational home economics programs in various school communities; principles of learning; critical review of literature with emphasis on experimental data in various fields of home economics.

332. Methods Of Teaching Home Economics. (3:3:0)

Prerequisite: H. E. Ed. 331. Development of plans for providing effective learning in home economics through experiences in the home, school, community and Future Homemakers of America; techniques in evaluation; environment and resources for teaching; individual preparation for student teaching.

411. Home Economics Seminar. (1:1:0)

Required of all seniors in home economics.

Emphasis upon professional aspects of employment; upon relating the total curriculum to professional use; upon research in home economics; upon continued growth of the home economist and current problems in home economics.

For Undergraduates and Graduates

426. Problems In Student Teaching. (2:0:4)
Prerequisite or parallel: H. E. Ed. 461. Analysis of student teaching problems and ways and means whereby they may be solved.

433. Methods In Civil Defense For Home And Community. (3:3:0)

Prerequisite: H. E. Ed. 331. Emphasis on techniques in home care of the sick; home safety and common home emergencies. Planning for incorporating these phases into the teaching program.

435. Methods In Adult Leadership In Home Economics. (3:3:0)

Prerequisite: H. E. Ed. 331; senior standing

* For Science Requirements, see Page 46.

** Hist. 330 may be substituted for Hist. 231 or 232.

*** See Symbols, footnote Page 19.

in the School of Home Economics. Techniques and problems in promotion and organization of programs for adults, out-of-school youth, and parents. Designed for home economics teachers, extension workers in home economics, home service workers, and leaders and workers in other fields of home economics.

461. Student Teaching In Home Economics.
(6:0:18)

Prerequisite: H. E. Ed. 332. Observation of and participation in teaching in approved centers.

For Graduates

513. Instructor Training In Home Care Of The Sick. (1:0:3)

Workshop course of one week giving special training in effective methods of teaching home care of the sick. Prepares instructors to teach Red Cross home nursing classes and assist in civil defense programs in communities.

514. Specific Problems In Teaching Home Economics. (1:0:3)

A study of the organization and presentation of selected areas or aspects of the home economics program. May be repeated for credit.

531. The Organization And Administration Of Homemaking Education. (3:3:0)

Organization and administration of typical homemaking programs on both vocational and non-vocational bases with special attention to

resources, school-community curricula, and management.

532. Curriculum Development In Home Economics. (3:3:0)

Philosophy, history, and development of year-round programs in home and family life education; legislation affecting home economics programs; study of state guides of curriculum development.

533. Evaluation In Home Economics. (3:3:0)

Procedures for appraisal of progress in the total program in home economics. Development of evaluative instruments and interpretation of data in the evaluation of various types of home economics programs.

534. Techniques Of Research In Home Economics. (3:3:0)

Methods and techniques of research in home economics. Interpretation of findings and application to selected situations and problems.

536. Problems. (3:3:0)

Individual and group problems according to special interests and needs of the class. May be repeated for credit.

537. Techniques Of Supervision In Home Economics. (3:3:0)

Philosophy, responsibilities, and techniques of supervision in home economics. Designed for experienced home economists.

630. Master's Report. (3)

631-632. Master's Thesis. (6)

Department of HOME AND FAMILY LIFE

Elmer M. Knowles, Head of the Department

Professors:

Mr. Knowles, Miss Tinsley

Associate Professors:

Miss Drew, Mrs. Wallace*

Assistant Professors:

Mrs. Camp, Mrs. Gifford, Miss Wolfe**

Instructors:

Mrs. Boren***, Mrs. Haile, Mrs. Sides,
Miss Wood***

Part-Time Instructors:

Mrs. Lewis, Miss Moudy, Mrs. Timmons

* Jointly with Home Economics Education

** On leave 1960-1962

*** Jointly with Food and Nutrition

Home and Family Life

The Department of Home and Family Life is a combination of two former departments — child development and family relations with home management. The curriculum of this combined department is designed to provide a sound academic foundation for home and family life in its personal, inter-personal relationships and managerial aspects.

Emphasis is given to the various stages in the family life cycle beginning with the personal and family adjustments of the college student toward dating, courtship, and marriage; followed by a study of childbearing, child-rearing, and child-launching; then concluding with a consideration of aging members in the family. Emphasis is given to an understanding of the availability and management of family resources, since these are basic to the development and maintenance of satisfactory adjustments at all stages in the life cycle.

Students majoring in the Department of Home and Family Life may choose one of three options: child development and family relations; home management; or a double major combining either of the preceding options with home economics education.

Child Development and Family Relations Option

The child development program offers opportunities to study all phases of the child from conception to maturity. Laboratory experiences with children of different ages are provided. Such ex-

periences help the students learn how children mature, assist in developing skills in child guidance, and aid college students in understanding their own development and behavior.

The family relations area provides students with opportunities to gain information and to examine attitudes about mature personal and inter-personal relationships in the college and in the home. Especially stressed are relations involving courtship and the choice of a marriage partner as well as relations between husband and wife, parent and child, brothers and sisters, in-laws, and grandparents.

Students selecting the option in child development and family relations may acquire both general and specialized training for homemaking or for work in any of several professions: teaching in private or community preschools, working with school-age children in groups such as Scouts and Campfire, directing parent education and child welfare work, and in preparation for occupational therapy.

Home Management Option

In home management, students are given guidance in the solution of personal and family problems through identification of values and goals in relation to the management of resources. Emphasis is placed on the study of the decision-making process as it is used by individuals and family groups to reach their goals. In doing this, attention is given to the recognition of possible outcomes of family decisions and actions.

An important contribution in home management is the opportunity for residence in the Home Management House, located on the campus, where students experience many phases of home living, including the care of an infant.

In lieu of residence in the Home Management House, married students may select a special problems course which enables the student-homemaker to work on managerial problems in her own home with help and supervision from a member of the faculty.

Students selecting the home management option may acquire both general and specialized training for homemaking as well as for professional opportunities, including: Agricultural Extension Service; college teaching; home economics in business with utility companies, household equipment manufacturers, distributors, retailers, television and radio stations; free-lance demonstrating; and consultancies in lighting, kitchen planning, and family finance.

Double Major Option

A student desiring to combine a major in home and family life with preparation for teaching home economics in the secondary schools, may select a double major in home and family life and home economics education.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Major in Home and Family Life (Child Development and Family Relations Option)

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Child Development & Family Relations (to total 24 semester hours*):
 Ch. D. & F. R. 233—Child Growth & Development
 Ch. D. & F. R. 232—Child Guidance, or Ch. D. & F. R. 235—Marriage
 Ch. D. & F. R. 433—Family Relations
 Ch. D. & F. R. 435—Student Teaching in Preschool, or
 Ch. D. & F. R. 439—The Aging in the Family
 Ch. D. & F. R. Electives—9 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (18 semester hours):
 Ap. A. 337 or 338—Art in Elementary Education
 Cloth. & Text. 231—Textiles for the Consumer
 Educ. 4325—Children's Literature
 Food & Nutr. 334—Human Nutrition
 H. Mgt. 432—Home Management Residence
 H. Mgt. Elective—3 semester hours
- V. Electives in any school of the College to complete 127 semester hours.

Suggested Program By Years—Home and Family Life (Child Development and Family Relations Option)

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132, College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
**Science	6	Govt. 233-234—American Government	6
Home Economics		**Science: Zool. 137—Anatomy & Physiology	3
Ap. A. 131—Art Applied to Daily Living	3	*Science	6
Ch. D. & F. R. 112—Personal Competence in College	1	Home Economics	
Ch. D. & F. R. 131—Personal and Family Relations	3	Ch. D. & F. R. 233—Child Growth & Development	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Ch. D. & F. R. Elective	3
Food & Nutr. 131—Nutrition & Food	3	Cloth. & Text. 231—Textiles for the Consumer	3
H. Mgt. 131—Management & Consumer Problems	3	Elective(s) to complete normal load	—
or Electives (to complete normal load)	3		32
	33		

THIRD YEAR	HOURS	FOURTH YEAR	HOURS
General Education		General Education	
***Hist. 231-232—History of the U. S.	6	Educ. 4325—Children's Literature	3
**Science	3	Home Economics	
Home Economics		Ch. D. & F. R. 435—Student Teaching in Preschool, or Ch. D. & F. R. 439—The Aging in the Family	3
Ap. A. 337 or 338—Art in Elementary Education	3	Ch. D. & F. R. Elective	3
Ch. D. & F. R. 232—Child Guidance, or Ch. D. & F. R. 235—Marriage	3	H. E. Ed. 331 Philosophy & Principles of Vocational Home Economics	3
Ch. D. & F. R. Elective	3	H. E. Ed. 411—Home Economics Seminar	1
Ch. D. & F. R. 433—Family Relations	3	H. Mgt. 432—Home Management Residence	3
H. Mgt. Elective	3	Elective(s) to complete normal load	13
Food & Nutr. 334—Human Nutrition	3		29
Elective(s) to complete normal load	6		
	33		

* Ch. D. & F. R. 131 from Group II applies toward the 24 semester hours.
 ** For Science Requirements, see Page 46.
 *** Hist. 330 may be substituted for Hist. 231 or 232.

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Major in Home and Family Life (Home Management Option)

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in Home Management (to total 24 semester hours*):
 H. Mgt. 232—General Home Management
 H. Mgt. 331—Housing the Family
 H. Mgt. 333—Household Equipment
 H. Mgt. 431—Advanced Housing for the Family
 H. Mgt. 432—Home Management Residence
 H. Mgt. 433—Advanced Household Equipment
 H. Mgt. 435—Advanced Consumer Problems
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (33 semester hours):
 Ap. A. 331—Interior Design
 Ch. D. & F. R. 233—Child Growth & Development
 Ch. D. & F. R. 433—Family Relations
 Cloth. & Text. 231—Textiles for the Consumer
 Cloth. & Text. 232—Dressmaker Tailoring & Design
 Cloth. & Text. 233—Decorator Fabrics
 Food & Nutr. 331—Meal Management
 Food & Nutr. 334—Human Nutrition
 Food & Nutr. 435—Food Demonstration
 Radio, TV or Journalism—3 semester hours
 Speech 338—Business & Professional Speech
- V. Electives in any school of the College to complete 127 semester hours.

Suggested Program By Years—Home and Family Life (Home Management Option)

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132, College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
**Science	6	**Science: Zool. 137—Anatomy & Physiology	3
Home Economics		**Science	3
Ap. A. 131—Art Applied to Daily Living	3	Speech 338—Business & Professional Speech	3
Ch. D. & F. R. 112—Personal Competence in College	1	Home Economics	
Ch. D. & F. R. 131—Personal & Family Relations	3	Ap. A. 331—Interior Design	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Ch. D. & F. R. 233—Child Growth & Development	3
Food & Nutr. 131—Nutrition & Food Problems	3	Food & Nutr. 331—Meal Management	3
H. Mgt. 131—Management & Consumer Problems	3	H. Mgt. 232—General Home Management	3
Cloth. & Textile. 231—Textiles for the Consumer	3	H. Mgt. 333—Household Equipment	3
or Electives (to complete normal load)		Elective(s) to complete normal load	
	33		32
THIRD YEAR	HOURS	FOURTH YEAR	HOURS
General Education		General Education	
Govt. 233-234—American Government	6	**Hist. 231-232—History of the U. S.	6
Radio, TV or Journ.	3	**Science	3
**Science	3	Home Economics	
Home Economics		Ch. D. & F. R. 433—Family Relations	3
Cloth. & Text. 232—Dressmaker Tailoring & Design	3	Cloth. & Text. 233—Decorator Fabrics	3
Food & Nutr. 334—Human Nutrition	3	H. E. Ed. 411—Home Economics Seminar	1
Food & Nutr. 435—Food Demonstration	3	H. Mgt. 432—Home Management Residence	3
H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3	H. Mgt. 431—Advanced Housing for the Family	3
H. Mgt. 331—Housing the Family	3	H. Mgt. 435—Advanced Consumer Problems	3
H. Mgt. 433—Advanced Household Equipment	3	Elective(s) to complete normal load	7
Elective(s) to complete normal load			32
	30		

* H. Mgt. 131 from Group II applies toward the 24 semester hours.

** For Science Requirements, see Page 46.

*** Hist. 330 may be substituted for Hist. 231 or 232.

Courses In Child Development And Family Relations

For Undergraduates

- 111. Nursery School Organization And Management. (1)***
Facilities, materials, and activities suited to community nursery schools. May not be applied to a degree program in home economics.
- 112. Personal Competence In College. (1:1:0)**
Relationship of the student to college; survey of the field of home economics; personal and academic guidance.
- 113. Child Development And Behavior. (1:1:3)**
Child development for nursing students. Growth patterns and adjustment problems of children. Laboratory experience with children.
- 131. Personal And Family Relationships. (3:2:3)**
Guidance in gaining competence in establishing and maintaining satisfying personal and family relationships; factors influencing behavior; preparation for home and family life. Observation of people at all ages required. Open only to freshmen; not restricted to home economics students.
- 231. The Infant. (3:3:0)**
Physical and psychological development of women; family preparations for the infant; development of the baby from the prenatal period through infancy. Part of class time will be spent in observation and caring for infants at different age levels and in interviews with parents. Open to students of all majors, recommended for all married students.
- 232. Child Guidance. (3:2:3)**
Fundamental principles underlying behavior and methods of working with young children. Laboratory work with preschool groups. Not restricted to home economics students.
- 233. Child Growth And Development. (3:2:3)**
A study of the growth and development of young children as a basis for understanding oneself and others.
- 235. Marriage. (3:3:0)**
A study of the inter-personal adjustment problems in dating, courtship, and the early phases of marriage.

For Undergraduates and Graduates

- 431. Later Childhood. (3:2:3)**
Prerequisite: Junior standing. Development of the child through pre-adolescence; relation-

ships in the family and with peer groups. Laboratory experiences with school age children.

- 432. Skills And Techniques In Working With Preschool Child. (3:2:3)**
Prerequisite: Ch. D. & F. R. 233. Determining suitable facilities, materials, and activities necessary in developing skills and techniques for working with preschool children.

- 433. Family Relations. (3:3:0)**
Prerequisite: Junior standing. Intensive study of special problems of living together in the family as affected by family composition, family resources, traditions, and practices.

- 435. Student Teaching In Preschool. (3)**
Prerequisites: Ch. D. & F. R. 432 and junior standing in home and family life. Observation and teaching in the preschool.

- 436. Parent Education. (3:2:2)**
Materials and programs for parent groups; laboratory experiences.

- 438. Exceptional Children In The Family. (3:2:3)**
Prerequisite: Junior standing. Personal-social development of exceptional children; family attitudes and responsibilities; utilization of community resources; cooperative laboratory work with related departments.

- 439. The Aging In The Family. (3:3:0)**
Since wise planning for the later years begins in youth, this course emphasizes preparation for the later years as well as current adjustments to the aging, involving adjustments in these areas: personal, social, family, home management, and occupational.

For Graduates

- 534. Adjustments Of The Handicapped In The Family. (3:2:3)**
Prerequisite: Approval of instructor. Personal and social adjustments toward rehabilitation through developing skills and independence; role of the family members. Laboratory consists of clinics, schools, and the homes of the handicapped.
- 5336. Family Life Conference. (3:3:0)**
Prerequisite: Graduate standing in home economics, education, psychology, or sociology. Offered in summer only. Group processes; factors influencing personal family adjustments; methods and techniques of teaching and counseling.

* See Symbols, footnote Page 19.

Courses In Home Management

For Undergraduates

- 331. Management And Consumer Problems.** (3:3:0)
Personal and family problems in use of time, money, energy; guides to better buymanship. Open to freshmen only.
- 332. General Home Management.** (3:3:0)
Philosophy of home management; work simplification, planning for family financial security, and general management of all the family's resources.
- 331. Housing The Family.** (3:1:4)
Prerequisite: Junior standing in any school of the College. Housing as it relates to good family living. Problems of home ownership and operation, such as space needs, orientation, circulation of traffic, storage, functional needs, adequate wiring, heating, lighting, and plumbing. A house plan for a selected family is developed by each student.
- 333. Household Equipment.** (3:1:4)
Prerequisite: Sophomore standing in any school of the College. Basic household equipment, including selection, use, and care; materials used in equipment, floor coverings, and counter tops for kitchens; some understanding of electricity and gas as sources of energy, light, and heat.

For Undergraduates and Graduates

- 411. Household Equipment Workshop.** (1:0:3)
Offered in summer sessions only.

431. Advanced Housing For The Family.

(3:1:4)

Prerequisites: H. Mgt. 331. Problems of home ownership, including: legal, business, and financing costs; new trends in housing, community, and city development.

432. Home Management Residence. (3)

Prerequisite: Senior standing in home economics. At least six weeks' residence in supervised application of skills in all phases of home living, including the care of an infant. Students pay a fixed fee for room and board. In lieu of residence in the Home Management House, married students maintaining a home in the community, and mature experienced homemakers (with the permission of the Dean), may work on personal managerial problems under supervision.

433. Advanced Household Equipment.

(3:1:4)
Prerequisites: H. Mgt. 333 or comparable experience and approval of instructor. Advanced study of household equipment; laboratory experience in use and in demonstration of all major pieces of equipment. Field trips and professional demonstrations related to equipment, home service, and equipment-job responsibilities and opportunities. Some study and work with the handicapped homemaker and her use of household equipment. Lighting the home. Kitchen and laundry planning.

435. Advanced Consumer Problems.

(3:3:0)
Prerequisites: Junior standing. A study of individual and family consumer problems related to housing, budgeting, savings and investments, credit, wills, consumer protection, insurance, health, social security, and taxes.

GENERAL HOME ECONOMICS

BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Major in General Home Economics

- I. Foundation courses in schools other than Home Economics to provide breadth in liberal education (46-48 semester hours)
- II. Courses to provide basic concepts in personal and family living (20 semester hours)
- III. Additional courses in The School of Home Economics (24 semester hours):
 - Ap. A. 331—Interior Design
 - Ch. D. & F. R. 233—Child Growth & Development
 - Ch. D. & F. R. 433—Family Relations
 - Cloth. & Text. 231—Textiles for the Consumer
 - Cloth. & Text. 237—Apparel Selection & Design
 - Food & Nutr. 331—Meal Management
 - H. Mgt. 432—Home Management Residence
 - H. Mgt. Elective—3 semester hours
- IV. Courses in the School of Home Economics and in other schools of the College to support major field (27 semester hours):
 - Food & Nutr. 334—Human Nutrition
 - Cloth. & Text. 232—Dressmaker Tailoring & Design
 - Electives in home economics—6 semester hours
 - Philosophy or Religious Education—3 semester hours
 - Electives not in home economics—6 semester hours
 - Speech, Radio, TV, or Journalism—3 semester hours
 - Music, Art Appreciation, or Anthropology—3 semester hours
- V. Electives in any school of the College to complete 127 hours.

Suggested Program By Years—General Home Economics

FIRST YEAR	HOURS	SECOND YEAR	HOURS
General Education		General Education	
Eng. 131-132, College Rhetoric	6	Eng. 231-232—Masterpieces of Literature	6
P. E. or Band	2	P. E. or Band	2
*Science	6	*Science: Zool. 137—Anatomy & Physiology	3
Home Economics		Science	6
Ap. A. 131—Art Applied to the Home	3	Home Economics	
Ch. D. & F. R. 112—Personal Competence in College	1	Ch. D. & F. R. 233—Child Growth & Development	3
Ch. D. & F. R. 131—Personal & Family Relations	3	Cloth. & Text. 232—Dressmaker Tailoring & Design	3
Cloth. & Text. 131—Wardrobe Analysis & Construction	3	Cloth. & Text. 237—Apparel Selection & Design	3
Food & Nutr. 131—Nutrition & Food	3	Food & Nutr. 331—Meal Management	3
H. Mgt. 131—Management & Consumer Problems	3	Elective(s) to complete normal load	3
Cloth. & Text. 231—Textiles for the Consumer	3		32
or Electives (to complete normal load)	3		
	33		
THIRD YEAR		FOURTH YEAR	
General Education		General Education	
Govt. 233-234—American Government	6	Philosophy or Religious Education	3
**Hist. 231-232—History of the U.S.	6	Elective not in H. E.	6
*Science	3	Speech, Radio, TV or Journalism	3
Home Economics		Music, Art Appreciation or Anthropology ...	3
Ap. A. 331—Interior Design	3	Home Economics	
Ch. D. & F. R. 433—Family Relations	3	H. Mgt. 432—Home Management Residence	3
Food & Nutr. 334—Human Nutrition	3	H. E. Ed. 411—Home Economics Seminar	1
H. E. Ed. 331—Philosophy & Principles of Vocational Home Economics	3	H. E. Electives	6
H. Mgt. Elective	3	Elective(s) to complete normal load	7
Elective(s) to complete normal load	3		32
	30		

* For Science Requirements, see Page 46.

** Hist. 330 may be substituted for Hist. 231 or 232.

COURSES IN OTHER SCHOOLS

Courses in other schools and departments are taken by students in the School of Home Economics to meet special degree requirements and to be used as elective credit.

Accounting

244. Elementary Accounting I. (4:3:3)

Architecture and Allied Arts

- 121-122. Freehand Drawing I, II.
(2:0:6 each)
131-132. History of Art. (3:3:0 each)
210-211. Introduction to the Arts.
(1:1:0 each)
233. Introduction to Lettering. (3:1:6)
238-239. Pottery. (3:1:6 each)
4318-4319. History of Painting and Sculpture.
(3:3:0 each)

Anthropology

131. Nature of Man. (3:3:0)
232. Cultural Anthropology. (3:3:0)
430. Cultures and People of the Southwest.
(3:3:0)

Bacteriology

231. Bacteriology. (3:2:3)

Biblical Literature

(Any Course Listed)

Biology

- 141-142. Botany and Zoology. (4:3:3 each)

Chemistry

- 133-134. Elementary Chemistry.
(3:2:3 each)
141-142. General Chemistry. (4:3:3 each)
231. Qualitative Analysis. (3:2:3)
341. Introductory Organic Chemistry.
(4:3:3)
342. Physiological Chemistry. (4:3:3)
345. Quantitative Analysis I. (4:2:6)

Economics

- 231-232. Principles of Economics I, II.
(3:3:0 each)
235. Principles of Economics. (3:3:0)

Education

130. Foundations of Education. (3:3:0)
232. Educational Psychology. (3:3:0)
4325. Children's Literature. (3:3:0)
4315. Audio-Visual Education. (3:3:0)
4331. Foundations of Educational Sociology.
(3:3:0)

English

- 131-132. College Rhetoric. (3:3:0 each)
231-232. Masterpieces of Literature.
(3:3:0 each)
234. Technical Writing for Students of
Agriculture. (3:3:0)
331. The Short Story. (3:3:0)
334. Creative and Professional Writing.
(3:3:0)
4343. American Drama. (3:3:0)

Finance

231. Personal Finance. (3:3:0)

French

- 141-142. A Beginning Course in French.
(4:3:2 each)
231-232. A Second Course in French.
(3:3:0 each)

German

- 141-142. A Beginning Course in German.
(4:3:2 each)
231-232. A Second Course in German.
(3:3:0 each)

Geology

- 141-142. General Geology. (4:3:3 each)

Geography

- 231-232. Principles of Geography.
(3:3:0 each)

Government

233. American Government, Organization.
(3:3:0)
234. American Government, Functions.
(3:3:0)

History

- 131-132. Development of Civilizations.
(3:3:0 each)
231. History of the United States to 1865.
(3:3:0)
232. History of the United States since 1865.
(3:3:0)
330. History of Texas. (3:3:0)
4361. Classical Civilizations: Greece and
Rome. (3:3:0)

Industrial Engineering

331. Motion and Time Study. (3:2:3)
332. Industrial Organization and Management.
(3:3:0)

Horticulture

131. Principles of Horticulture. (3:2:2)
 232. Trees and Shrubs. (3:2:2)
 233. Annuals and Perennials. (3:2:2)

Journalism

120. Introduction to Journalism. (2:2:0)
 223. Newspaper Feature Writing. (2:2:0)
 332. Magazine Writing and Editing. (3:3:0)
 3312. Specialized Journalism. (3:3:0)
 3313. Photojournalism. (3:3:0)
 3318. Radio-Television News Writing. (3:3:0)

Latin

133. Latin and Greek Terminology. (3:3:0)

Management

331. Industrial Management. (3:3:0)
 334. Personnel Administration. (3:3:0)

Mathematics

131. Trigonometry. (3:3:0)
 133. College Algebra. (3:3:0)
 238. Statistics. (3:3:0)

Marketing

232. Principles of Marketing. (3:3:0)
 334. Principles of Advertising. (3:3:0)
 335. Principles of Retailing. (3:3:0)
 438. Sales Promotion, Retail Advertising, and Display. (3:3:0)

Music

- 131-132. Introduction to Music Literature. (3:3:0 each)
 431. History of Music. (3:3:0)

Philosophy

230. Introduction to Philosophy. (3:3:0)
 238. Ethics. (3:3:0)

**Physical Education
For Women**

Four semesters of physical education are required of all women students during the freshman and sophomore years. One hour credit is given each semester. These are all laboratory courses involving individual instruction.

111. Body Conditioning.
 Required of all freshmen women other than majors. The remaining three semesters may be elected from the courses below:

- **112. Beginning Bowling
 210. Tap Dance
 212. Tennis
 213. Advanced Tennis
 214. Advanced Tap Dance
 215. Basketball
 216. Soccer and Speedball
 217. Beginning Folk and Square Dance

218. Volleyball
 219. Stunts and Tumbling
 2111. Golf
 *2112. Beginning Swimming
 2113. Restrictive Physical Education.
 May be substituted for required courses on the advice of a physician and the Head of the Department.
 2114. Field Hockey
 2115. Beginning Badminton
 2116. Social Dance
 2117. Beginning Archery
 2118. Beginning Modern Dance
 2119. Softball
 2121. Advanced Golf
 *2122. Synchronized Swimming
 **2123. Advanced Bowling
 *2124. Advanced Swimming
 2125. Advanced Badminton
 2127. Advanced Archery
 2128. Advanced Modern Dance
 2129. Advanced Folk and Square Dance

Physics

- 141-142. General Physics. (4:3:3 each)
 237. Techniques of Photography. (3:2:3)

Psychology

230. General Psychology. (3:3:0)
 331. Child Psychology. (3:3:0)
 332. Mental Health. (3:3:0)
 335. Adolescent Psychology. (3:3:0)

Secretarial Administration

120. Typewriting. (2:0:5)

Sociology

230. Introduction to Sociology. (3:3:0)
 233. Current Social Problems. (3:3:0)
 331. Rural Sociology. (3:3:0)
 336. Society and Culture of Mexico. (3:3:0)
 4311. The Sociology of the Person. (3:3:0)
 4312. The Community. (3:3:0)
 4313. American Minority Problems. (3:3:0)

Spanish

- 141-142. A Beginning Course in Spanish. (4:3:2 each)
 231-232. A Second Course in Spanish. (3:3:0 each)

Speech

131. Fundamentals of Speech. (3:3:0)
 233. Voice and Diction. (3:3:0)
 238. Introduction to Radio and Television Broadcasting. (3:3:0)
 312. Radio Speech for Agriculture and Home Economics. (1:1:1)
 338. Business and Professional Speech. (3:3:0)

Zoology

137. Anatomy and Physiology. (3:2:3)
 235-236. Anatomy, Physiology, and Hygiene. (3:2:3)

* Course fee, \$5.
 ** Bowling alley charge, \$10.

REQUIREMENTS IN THE SCHOOL OF HOME ECONOMICS FOR THE BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

127 SEMESTER HOURS REQUIRED FOR GRADUATION

Requirements in Home Economics	Curriculum Requirements for the Majors in Home Economics								
	Applied Arts	Clothing and Textiles			Food and Nutrition	Home Economics Education	Home and Family Life		General Home Economics
		Option: Fashion	Option: Merchandising	Option: Technology			Option: Child Development and Family Relations	Option: Home Management	
Applied Arts	112, 131, 133, 228, 331, plus electives to complete 24 hrs.	131, 228, 331 8 hrs.	131, 228, elective-8 hrs.	131, 228, elective-8 hrs.	131, 331-6 hrs.	131, 331-6 hrs.	131, 337 or 338 — 6 hrs.	131, 331-6 hrs.	131, 331-6 hrs.
Clothing and Textiles	131, 231, 237 9 hrs.	131, 231, 232, 237, 433, 436 plus electives to complete 24 hrs.	131, 231, 232, 237, 334, 433 plus electives to complete 24 hrs.	131, 231, 232, 237, 431, 433 plus electives to complete 24 hrs.	131, 231-6 hrs.	131, 231, 232, 237 — 12 hrs.	131, 231-6 hrs.	131, 231, 232, 233 — 12 hrs.	131, 231, 232, 237 — 12 hrs.
Food and Nutrition	131, 334-6 hrs.	131, 334-6 hrs.	131, 334-6 hrs.	131, 334-6 hrs.	131, 231, 331, 334, 347, plus electives to complete 24 hrs.	131, 331, 334 9 hrs.	131, 334-6 hrs.	131, 331, 334, 435 — 12 hrs.	131, 331, 334 9 hrs.
Home Economics Education	331, 411-4 hrs.	331, 411-4 hrs.	331, 411-4 hrs.	331, 411-4 hrs.	331, 411-4 hrs.	331, 332, 411, 426, 461, plus electives to complete 18 hrs.	331, 411-4 hrs.	331, 411-4 hrs.	331, 411-4 hrs.
Home and Family Life Child Development and Family Relations	112, 131, 233 7 hrs.	112, 131, elective-7 hrs.	112, 131, elective-7 hrs.	112, 131, elective-7 hrs.	112, 131, elective-7 hrs.	112, 131, 233 or 431, 433 10 hrs.	112, 131, 233, 232 or 235, 433, 435 or 439 plus electives to complete 24 hrs.	112, 131, 233, 433 — 10 hrs.	112, 131, 233, 433 — 10 hrs.
Home Management	131, elective 6 hrs.	131, elective 6 hrs.	131, elective 6 hrs.	131, 432-6 hrs.	131, elective 6 hrs.	131, 432, elective — 9 hrs. (Elective in either area to complete 22 hrs.)	131, 432, elective — 9 hrs.	131, 232, 331, 333, 431, 432, 433, 435 24 hrs.	131, 432, elective — 9 hrs.
Total Hours Required in Home Economics	56	55	55	55	53	67	55	68	50

Titles and descriptions of the courses listed above, as well as for all other home economic courses are given in the departmental sections beginning on Page 16.

The chart on the next page shows the requirements outside the School of Home Economics. The titles of these courses and of the likely elective courses outside of home economics are listed beginning on Page 43.

REQUIREMENTS OUTSIDE THE SCHOOL OF HOME ECONOMICS FOR THE BACHELOR OF SCIENCE DEGREE IN HOME ECONOMICS

Curriculum Requirements for the Majors in Home Economics

Requirements Outside of Home Economics	Applied Arts	Clothing and Textiles			Food and Nutrition	Home Economics Education	Home and Family Life		General Home Economics
		Option: Fashion	Option: Merchandising	Option: Technology			Option: Child Development and Family Relations	Option: Home Management	
English	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232; 233 or 234 15 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.	131-132; 231-232 12 hrs.
History	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.	231-232*-6 hrs.
Government	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.	233-234—6 hrs.
Physical Education or Band	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.
Accounting			244 — 4 hrs.						
Education					130, 232—6 hrs.	4325 — 3 hrs.			
Marketing			232, 334 or 335, 438 — 9 hrs.						
Mathematics				133, 238—6 hrs.					
Music, Art Appreciation or Anthropology									Elective—3 hrs.
Religious Educations or Philosophy									Elective—3 hrs.
Speech, Radio, TV, Journalism							Speech 338, Electives-6 hrs.		Electives-3 hrs.
Sciences	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	26 hrs. as specified in chart on Page 24	27-28 hrs. as specified in chart on Page 29	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"	Elect 18-20 hrs. from at least 2 of the 3 science groups below, including the courses marked "required"
Total Hours Required Outside Home Eco.	46-48	46-48	59-61	62	55-56	52-54	49-51	52-54	55-57

ELECTIVE HOURS AVAILABLE IN ANY SCHOOL OF THE COLLEGE

Elective hours	In home economics—3 hrs. Free—20-22 hrs.	Free—24-26 hrs.	Free—11-13 hrs.	Free—10 hrs.	Free—18-19 hrs.	Free—6-8 hrs.	Free—21-23 hrs.	Free—5-7 hrs.	In home economics—6 hrs. Outside home economics—6 hrs. Free—8-10 hrs
----------------	---	-----------------	-----------------	--------------	-----------------	---------------	-----------------	---------------	--

THREE SCIENCE GROUPS:

I. **Biological**
Bacteriology
Biology
Horticulture
Zoology
(Zool. 137—Required)

II. **Physical**
Chemistry
Geology
Physics

III. **Social**
Anthropology
Psychology
Sociology
(Soc. 230 or 233 or 331—Required)

BOARD OF DIRECTORS

- C. I. WALL, Chairman, Amarillo. Term expires Feb. 19, 1963.
HAROLD HINN, Vice Chairman, Plainview. Term expires Feb. 19, 1963.
ALVIN R. ALLISON, Levelland. Term expires Feb. 19, 1967.
R. WRIGHT ARMSTRONG, Fort Worth. Term expires Feb. 19, 1967.
MANUEL DeBUSK, Dallas. Term expires Feb. 19, 1965.
JAMES L. LINDSEY, Midland. Term expires Feb. 19, 1965.
J. EDD McLAUGHLIN, Ralls. Term expires Feb. 19, 1967.
WILMER SMITH, Wilson. Term expires Feb. 19, 1965.
FLOYD A. WOOLDRIDGE, Houston. Term expires Feb. 19, 1963.

OFFICERS OF ADMINISTRATION

- ROBERT CABANISS GOODWIN, B.A., M.A., Ph.D., President
121 Administration Building
WILLIAM MARTIN PEARCE, B.A., M.A., Ph.D., Academic Vice President
121 Administration Building
WILLA VAUGHN TINSLEY, B.S., M.S., Ph.D., Dean of Home Economics
151 Home Economics Building

FACULTY OF THE SCHOOL OF HOME ECONOMICS

First date indicates year of original appointment; second date, year of appointment to present position and rank.

- WILLA VAUGHN TINSLEY, Professor of Home Economics and Dean of Home Economics, 1953.
B.S., T.S.C.W.; M.S., Colorado A&M; Ph.D., Minnesota.
VIVIAN JOHNSON ADAMS, Professor and Head Department of Home Economics Education, 1928, 1937.
B.S., Southwest Texas; M.A., Columbia.
ETHEL JANE BEITLER, Associate Professor of Applied Arts, 1947, 1961.
B.S., Iowa State; M.Ed., Marquette.
ANGELA RATTAN BOREN, Instructor in Food and Nutrition and in Home Management, 1960.
B.S., Texas Tech.
CHARLOTTE BALLOW CAMP, Assistant Professor of Child Development and Family Relations, 1946, 1953.
B.S., M.S., Texas Tech.
LOLA MARIE DREW, Associate Professor of Home Management, 1946, 1949.
B.S., T.S.C.W.; M.A., Columbia.
MARY AGNES GERLACH, Assistant Professor of Clothing and Textiles, 1955.
B.Sc., M.A., Nebraska.
WINNIFRED GARLAND GIFFORD, Assistant Professor of Child Development and Family Relations, 1949.
B.S., Illinois; M.S., Iowa State.
IMA DORA HAILE, Instructor in Home and Family Life, 1961.
B.S., M.Ed., Texas Tech.
ROBERTA HENRY, Part-Time Instructor in Clothing and Textiles, 1961.
B.S., Texas Tech.

- GLADYS KEEN HOLDEN, Assistant Professor of Food and Nutrition, 1955.
B.A., Simmons; M.S., Texas Tech.
- CLARENCE E. KINCAID, Associate Professor of Applied Arts, 1960.
B.S., M.Ed., West Texas State; D.Ed., Penn. State.
- LILA ALLRED KINCHEN, Associate Professor of Clothing and Textiles, 1939, 1955.
B.S., M.S., Texas Tech.
- ELMER MYLER KNOWLES, Professor and Head Department of Home and Family Life, 1957.
B.S., M.S., Utah State Agricultural College; Ph.D., Cornell.
- MINA WOLF LAMB, Professor and Head Department of Food and Nutrition, 1940, 1955.
B.A., M.S., Texas Tech; Ph.D., Columbia.
- BARBARA DUNN LEWIS, Part-Time Instructor in Home and Family Life, 1961.
B.S., Texas Tech.
- TROY ALLEN LOCKARD, Assistant Professor of Applied Arts, 1937, 1948.
B.S., M.A., T.S.C.W.
- BILLY CLARENCE LOCKHART, Professor and Head Department of Applied Arts, 1955, 1960.
B.S., West Texas State; M.Ed., D.Ed., Pennsylvania State.
- RUBY CANNON MARTIN, Instructor in Food and Nutrition, 1957, 1960.
B.S., M.S., Texas Tech.
- CLARA MUELLER McPHERSON, Assistant Professor of Food and Nutrition, 1947, 1961.
B.S., M.S., Texas Tech.
- ZELLA FLOWERS MEEKS, Part-Time Instructor in Applied Arts, 1961.
B.S., Texas Tech.
- ANNA LEE MESSER, Assistant Professor of Clothing and Textiles, 1960.
B.S., Berea; M.S., U. of Tenn.
- BULA JEAN MOUDY, Part-Time Instructor in Home and Family Life, 1961.
B.A., Harding.
- DORIS NESBITT, Associate Professor of Home Economics Education, 1943, 1957.
B.A., Oklahoma; M.S., Iowa State.
- KATIE TEAGUE PETTYJOHN, Part-Time Instructor in Home Economics Education, 1961.
B.S., Texas Tech.
- JOHN WILLIAM QUEEN, Instructor in Applied Arts, 1960.
B.S., U. of Houston.
- MARTHA GENE SHELDEN, Professor and Head Department of Clothing and Textiles, 1955.
A.B., Wichita; M.S., Kansas State; Ph.D., T.S.C.W.
- FLOY GLENN SIDES, Instructor in Child Development and Family Relations, 1954, 1956.
B.S., M.Ed., Texas Tech.
- MYRA BOUNDS TIMMONS, Part-Time Instructor in Child Development and Family Relations, 1961.
B.S., Texas Tech.
- ESTELLE HAYS WALLACE, Associate Professor of Home and Family Life, and Home Economics Education, 1959, 1961.
B.S., North Texas State College; M.S., Iowa State.
- BILLIE FRANCES WILLIAMSON, Associate Professor of Home Economics Education and Assistant to the Dean, 1956, 1961.
B.S., M.A., T.S.C.W.
- WILLIE MAY WOLFE, Assistant Professor of Home Management, 1955.
B.S., M.S., Texas.*
- OPAL LANIER WOOD, Instructor in Food and Nutrition and in Home Management, 1945, 1960.
B.S., T.S.C.W.

* On Leave, 1960-1962.

INSTRUCTIONAL SCHOOLS AND DEPARTMENTS

Agriculture

Agricultural Economics
Agricultural Education
Agricultural Engineering
Agronomy
Animal Husbandry
Dairy Industry
Horticulture and Park
Management

Arts and Sciences

Biblical Literature
Biology
Chemistry
Education and Philosophy
English
Foreign Languages
Geology
Government
Health, Physical Education,
and Recreation for Men
Health, Physical Education,
and Recreation for Women
History and Anthropology
Journalism
Mathematics
Music
Physics
Psychology
Sociology
Speech

Business Administration

Accounting
Business Education and
Secretarial Administration
Economics and Finance
Management
Marketing

Engineering

Architecture and Allied Arts
Chemical Engineering
Civil Engineering
Electrical Engineering

Industrial Engineering and
Engineering Drawing
Mechanical Engineering
Petroleum Engineering
Textile Engineering

Home Economics

Applied Arts
Clothing and Textiles
Food and Nutrition
Home Economics Education
Home and Family Life
Child Development and
Family Relations
Home Management

Graduate School

Degrees offered:
Master of Arts
Master of Business
Administration
Master of Education
Master of Science
Master of Science in Agriculture
Master of Science in Chemical
Engineering
Master of Science in Civil
Engineering
Master of Science in
Electrical Engineering
Master of Science in Mechanical
Engineering
Master of Science in
Home Economics
Doctor of Education
Doctor of Philosophy

Reserve Officers Training Corps

Air Force
Army

Extension

Correspondence Courses
Extension Classes

MAJOR AREAS OF STUDY

Agriculture

Agricultural Economics
Agricultural Education
Agricultural Engineering
Agricultural Science
Animal Industry
Crops
Dairy Husbandry
Dairy Industry
Entomology
Horticulture
Park Management
Poultry Husbandry
Range Management
Soils

Arts and Sciences

Anthropology
Art
Bacteriology
Biology
Botany
Chemistry
Elementary Education
English
Entomology
French
Geology
German
Government
Health and Physical Education
History
Journalism
Mathematics
Music
Music Education
Philosophy
Physics
Piano
Pre-Law
Pre-Medical
Psychology
Public School Music
Recreation
Science
Secondary Education
Social Science
Sociology

Spanish
Speech
Speech Correction
Voice
Zoology

Business Administration

Accounting
Advertising
Business Education
Economics
Finance
Industrial Management
International Trade
Marketing
Office Management
Personnel Management
Pre-Law
Public Administration
Retailing
Secretarial Administration
Traffic Management

Engineering

Advertising Art and Design
Architecture, Construction or Design
Chemical Engineering
Civil Engineering
Electrical Engineering
Engineering Physics
Industrial Engineering
Mechanical Engineering
Petroleum Engineering
Textile Engineering

Home Economics

Applied Arts
Clothing and Textiles
Food and Nutrition
General Home Economics
Home Economics Education
Home and Family Life
Child Development and
Family Relations
Home Management

Interdepartmental

Bilingual-Secretarial
Latin American Area Studies