

## HOME ECONOMICS

PROFESSOR Burton (acad. chr.); ASSOCIATE PROFESSORS Pipes, Seaward, Presson; ASSISTANT PROFESSORS Brown, Rourke, Scharpenberg; INSTRUCTOR Davis.

### OBJECTIVES

The objectives of Home Economics are: (1) to help students prepare themselves for home and family living; (2) to provide certain experiences which are preparation for professional home economics employment; (3) to provide the home *economics* education curricula which will qualify the person to meet requirements of the Arizona State Plan for Vocational Education; (4) to provide minor programs for students with other majors; (5) to offer non-baccalaureate terminal functional education of college level; (6) to provide course requirements for a dietitian; (7) to provide a major in Home Economics Education at the graduate level.

### DEGREE REQUIREMENTS

#### BACHELOR OF SCIENCE IN EDUCATION

See pages 68-71 for general degree requirements.

##### Major:

*Home Economics Education*: (secondary) 40 semester hours: Home Economics 112, 136, 145, 210, 267, 281, 290, 295, 310, 311, 315, 367, 377, 390, and 485. Required for the teaching major: Chemistry 103.

*Home Economics Education*: (extended major) 53 semester hours: Same requirements as Home Economics (40 hour major) plus 18 semester hours chosen in consultation with student's major adviser. This extended major may fulfill the requirements of a major and minor for graduation.

##### Minors:

*Home Economics Education*: (elementary) 17 semester hours: Home Economics 112, 136, 145, 267, and a choice of Home Economics 336 and 367 or Home Economics 312, 315, and 415-

*Fifth Year Requirements*: 6 semester hours selected from Home Economics 510, 596, 606 or 618.

*Home Economics Education*: (secondary) 21 semester hours: Home Economics 112, 125, 136, 145, 267, 312, 315, 367, and Educ. 430 Methods of Teaching Home Economics.

#### BACHELOR OF SCIENCE

See pages 68-71 for general degree requirements.

##### Majors:

*General Home Economics*: 35 semester hours: Home Economics 112, 136, 145, 185, 210, 211, 267, 290, 295, 310, 311, 377, and four additional hours in home economics selected with the approval of the adviser.

*Home Economics in Business:* 36 semester hours: (Core Requirements) Home Economics 112, 125, 136, 185, 210, 211, 267, 310, 377, and 385. Select 10 semester hours from: (emphasis in Foods and Nutrition) Home Economics 336, 367, 386, 467, 487 or (emphasis in Clothing and Textiles) Home Economics 145, 312, 313, 315 and 415. Select a related minor in business.

*Dietetics:* A Home Economics major with an emphasis in Foods and Nutrition. Additional science or business courses are dependent upon dietetic concentration. Students can qualify for approved American Dietetic Association internships.

*Interior Design* (inter-school major): Home Economics 122, 125, 145, 160, 280, 281, 282, 312, 346, 377, 386, 446, 485. Business 157, 300, 333. Art 150, 151, 350. Industrial Education 105, 121, 421. Technology 184a.

Minor:

*Home Economics:* 19 semester hours: Home Economics 112, 136, 145, 211, 267, 290, 295, or 377.

## TERMINAL PROGRAM IN HOME ECONOMICS

This is designed for students who plan to be in college one or two years only.

*First year:*

Requirements: Home Economics 112, 125, 136, 145, 211, 267, 290; General Education 6 semester hours; and 8 semester hours of electives.

*Second year:*

The second year program is cooperatively planned with the student and the adviser.

## GRADUATE PROGRAM IN HOME ECONOMICS EDUCATION

The program for a graduate student in the area of Home Economics is planned (1) to strengthen and develop further the professional proficiency of teachers in the field of home economics; (2) to deepen the student's understanding of home influences on the individual, school, and community.

At least 18 semester hours and as much as 24 semester hours, depending upon the student's undergraduate courses in Home Economics, are required for this major. For further information see the current Graduate Bulletin.

## DESCRIPTION OF COURSES

Chem. 103 Chemistry of Foods (4)

The fundamental laws and theories of chemistry. Chemical substances and reactions with applications to home economics courses. Fee \$5.00.

APPLIED SCIENCE AND TECHNOLOGY

- H.E. 112 Clothing Selection (2)  
Economic, artistic, psychological, and personal problems in the selection of clothing for men and women.
- H.E. 122 Principles of Design (2)  
Theory of design, the principles of which are developed through the study of line, mass and space relationship. Study of color and its use in design.
- H.E. 125 Social and Business Etiquette (1)  
Development of proficiency in meeting social responsibilities and obligations of men and women. Fee \$2.00.
- H.E. 136 Nutrition (3)  
Nutrition as a basis for healthful living; emphasis on personal nutrition, nutritive value of foods from the standpoints of scientific investigations. Selections of an optimum diet for health; present-day problems in nutrition. Fee \$1.00.
- H.E. 145 Clothing Construction (3)  
Laboratory experience in clothing selection and the construction of garments. Basic principles of sewing and using commercial patterns.
- H.E. 160 Introduction to Interior Design (3)  
Function and design in interiors—space organization, texture, color, form, light—as they relate to wall and floor finishes and furniture.
- H.E. 185 Family Relationships (3)  
Values and purposes of family life in our culture, how procured, responsibilities, and relationships of individuals to the group and society.
- H.E. 210 Development of Home Economics (1)  
History and development of home economics; purposes of education for home and family life; survey of professional opportunities.
- H.E. 211 Applied Design (2)  
Experiences in the application of the principles of design and the theories of color. Fee \$2.00.
- H.E. 266 Foods and Nutrition (3)  
Basic principles of food preparation, menu-making, and meal service. (Non-majors course) Fee \$4.00.
- H.E. 267 Food Principles (3)  
Basic food preparation with emphasis on theory, techniques, and planning. Include study of nutritive value of foods. Fee \$4.00.
- H.E. 280 Housing (2)  
Space and facilities as related to social, aesthetic, economic and psychological influences in society.
- H.E. 281 Draperies, Upholstery, Wood Refinishing (3)  
Laboratory experience in the application of art principles. Fee \$2.00.
- H.E. 282 Interior Design Intermediate (2)  
The study of interior design in contemporary homes.
- H.E. 290a Child Development (3)  
Various patterns and stages of growth, maturation, and learning; home, school and community influences in the care and guidance of children from infancy to early adolescence.
- H.E. 290b Child Development and the Deprived Child (3)  
The study of the culturally deprived child and his interaction with the environment. The creation of a desirable environment for the disadvantaged will aid in discovering ways prospective teachers can help foster healthy and beneficial programs for these children.
- H.E. 295 Home Nursing (3)  
Health determinants of the individual for maximum enjoyment of life. The techniques of the American National Red Cross courses for Care of Sick and Injured and Mother and Baby Care are included.

**H.E. 310 Home Management (2)**

Principles of the management process as applied to the multiple resources of individuals and the family.

**H.E. 311 Home Management Residence (3)**

Provision for the application of the principles of management process to a group living experience. Application for residence to the Academic Chairman of Home Economics is required prior to registration. Fee \$5.00 plus campus board and room.

**H.E. 312 Textiles (3)**

Fundamental concepts of fiber, yarn, and fabric structures. Recent trends and developments are studied in relation to their characteristics and commercial importance.

**H.E. 313 Fashion (2)**

A historic, social, and psychological study of clothing in relation to the individual and society.

**H.E. 315 Flat Pattern Design (3)**

Basic principles of dress design and flat pattern drafting methods. Students complete an original design in pattern and fabric.

**H.E. 336 Advanced Nutrition (3)**

A further study of research in nutrition and the application of principles to the feeding of individuals and families under varying physiological and economic conditions; an experimental study of feeding animals. Fee \$2.00.

*Prerequisite: H.E. 136.*

**H.E. 346 History of Furniture (2)**

Study of furniture and interior design reflecting the culture of significant periods.

**H.E. 367 Food Management (3)**

Advanced food preparation and service with emphasis on the management of time, energy, money and nutritional content. Some experimental work. Fee \$4.00.

*Prerequisite: H.E. 267.*

**H.E. 377 Consumer Problems and Family Economics (3)**

Family income and expenditures, selections of goods and services, buying and selling practices, and evaluation of consumer aids.

**H.E. 381 Interior Design Advanced (2)**

Integrated class problems in the complete development of a furnished room. Analysis of room arrangement in relation to the unit.

**H.E. 385 Demonstration Procedures (2)**

Planning and conducting demonstrations in foods, equipment, clothing, and other home economics areas for the prospective commercial home economist, teacher, or extension home agent.

**H.E. 386 Household Equipment (2)**

Study of technology as applied to selection, use, and care of equipment and appliances for use in the home to enjoy maximum satisfaction and efficient operation.

**H.E. 390 Nursery School Education (3)**

Theories, trends, materials, and programs in present practice. Student teaching in pre-school laboratory. Lectures and five hours laboratory for eight weeks.

**H.E. 415 Tailoring (3)**

Utilization of tailoring techniques.

**Educ. 430 Teaching of Home Economics**

Home Economics curricula and methods and techniques of evaluating and teaching. History and requirements of vocational homemaking. Taught by Home Economics staff.

**H.E. 446 Interior Design—Field Study (3-6)**

A course designed to give students supervised laboratory and field experience in the area of interior design.

**H.E. 467 Quantity Food Production (2)**

Practice in menu-making, recipe adjusting, use of special equipment, and the buying and management of food for quantity feeding. Fee \$4.00.

**H.E. 485 Family and Society (3)**

Family adjustment and child guidance. An evaluation of the principles essential to the family in our rapidly changing economic and social order.

**H.E. 487 Experimental Foods (3)**

An experimental approach to the composition and reactions of foods encountered in the home, laboratory, and institutions. Fee \$4.00.

*Prerequisites; H.E. 267, 367, Chem. 103 or equivalent.*

**H.E. 490 Nursery School Supervision (3)**

Survey of methods used in the organization, planning and teaching in the various areas of early childhood education—for all groups including the socially and economically deprived (public, private and co-operative programs.) Students will have opportunities to organize, plan and evaluate teaching methods and materials employed in the nursery school area.

**H.E. 497 Diet Therapy (3)**

Application of nutrition principles to physical, metabolic, and nutritional abnormalities.

*Prerequisite: H.E. 336.*

## GRADUATE COURSES

**H.E. 510 Housing and Interior Design (3)**

Fundamentals of interior design as applied to residential space.

**H.E. 535 Appraising Student Teaching Progress (2)**

Evaluation of practices and procedures experienced in student teaching.

**H.E. 575 Advanced Problems in Clothing (3)**

Problems in construction, designing, and draping garments.

**H.E. 580w Workshop in Clothing and Textiles (2)**

New methods of clothing construction to provide a basis for developing curricula for different age groups and study of new developments in textiles.

**H.E. 582w Workshop in Foods and Nutrition (1-2)**

For persons responsible to institution food service, school lunch programs or others. Includes management, safety, costs, methods, nutrition and other factors related to food service.

**H.E. 585w Workshop in Household Equipment (2)**

Comparative study of the latest equipment for home and the Home Economics Departments.

**H.E. 587 Curriculum Development in Home Economics (3)**

Analysis of current trends in homemaking programs including an intensive study of principles and procedures in curriculum development as related to the pre-adolescent in regard to the influence of home and school.

**H.E. 595 Problems and Materials in Teaching Home Economics (3)**

Development of educational materials for areas related to current problems.

**H.E. 596 Techniques in Group Leadership and Counseling (3)**

Basic principles of group dynamics and implications for some selected areas including in-school and community youth groups.

**H.E. 606 Development in Family Relations (3)**

Trends in personal, family, and community relationships.

**H.E. 607 Current Trends in Foods (3)**

Developments and research in foods.

**H.E. 615 Principles in Home Economics (3)**

A survey of scientific, aesthetic, management and other basic principles and their applications in various areas of home economics.

**H.E. 617 Supervision of Homemaking (3)**

For teachers, supervisors, and supervising teachers preparing for this type of administration in their school systems. Emphasis will be placed upon organization and supervision of student-teacher programs.

**H.E. 618 Family Economics (3)**

The economic position of American families in terms of incomes, prices, and standards of living.

**H.E. 636 Special Problems in Foods and Nutrition (3)**

Analysis of literature and current experimental data on which the principles of human nutrition are based.

**H.E. 645 Recent Developments in Clothing and Textiles (3)**

Critical review of literature on new developments particularly related to consumers. Social-psychological aspects of clothing.

**H.E. 650 Evaluations of Home Economics (3)**

Methods of evaluating student progress in areas of home economics.

**H.E. 660 Home Economics Seminar (3)**

Current issues and problems in selected areas.

**Tech. 675 Adult Education (3)**

Problems in the adult education program. Emphasis on promoting, organizing, and teaching adult groups.

**H.E. 680 Studies in Home Economics (3)**

Analysis and critical evaluation of literature and procedures used in selected fields of home economics.

**H.E. 697 Independent Study in Home Economics (1-2)**

For students who wish to carry on independent study or research in home economics.