

- I.E. 683 Development of Practical Arts Education (3)
Principles upon which practical arts education is based and the place these activities should occupy as an integral part of public education.
- I.E. 690 Administration and Supervision of Industrial Education (3)
Administration and supervision of local and state level programs. Emphasis upon requirements of State Plan for Vocational Education.
- I.E. 691 Research Techniques for Program Planning (3)
Techniques for ascertaining the existing and future status of the community labor force and implications for vocational education.
- I.E. 694 Vocational Guidance (3)
Problems, methods, and procedures involved in assisting individuals to choose, prepare for, enter upon and progress in their vocations.
- I.E. 696 Public Relations in Industrial Education (3)
Techniques of planned programs of public relations with the community and cooperating agencies.
- I.E. 697 Independent Study in Industrial Education (1-2)
For students who wish to carry on independent study or research in industrial education.
- I.E. 760 Legal Aspects of Vocational Education (3)
Federal and State legislation as it pertains to vocational education. Interpretation and effect of reimbursement, apprenticeship, child labor, workmen's compensation, veterans' education, labor standards, labor relations, social security, and effects upon an adequate supply of trained manpower.
- I.E. 783 History and Philosophy of Practical Arts Education (3)
The economic, social and philosophical factors that have motivated and influenced the development of general and vocational practical arts education. Development of thought and practice in industrial education.
- I.E. 792 Curriculum Development in Industrial Education (3)
Planning, organizing, and constructing industrial education curricula in secondary schools and junior colleges.

HOME ECONOMICS

PROFESSOR Burton (acad. chr.); ASSOCIATE PROFESSORS Pipes, Presson;
ASSISTANT PROFESSORS Rourke, Scharpenberg, Stratton.

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.

APPLIED SCIENCE AND TECHNOLOGY

DEGREE REQUIREMENTS

BACHELOR OF SCIENCE IN EDUCATION

See pages 62-63 for general degree requirements.

Major:

Home Economics Education: (secondary) 40 semester hours: Home Economics 112, 136, 145, 210, 267, 280, 290, 295, 310, 311, 315, 367, 377, 390, and 485. Required for the teaching major: Chemistry 113 and Home Economics 431.

Minors:

Home Economics Education: (elementary) 15 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 Requirement: 6 semester hours selected from Home Economics 575, 585, and 607.

Home Economics Education: (secondary) 21 semester hours: Home Economics 112, 125, 136, 145, 267, 312, 315, 367, 431, and electives.

BACHELOR OF SCIENCE

See pages 62-63 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 five additional hours in home economics selected with the approval of the adviser.

Home Economics: 53 semester hours: Same requirements as general home economics major plus 18 semester hours chosen in consultation with student's major adviser. This expanded major may fulfill the requirements of a major and a minor for graduation.

Home Economics in Business: 36 semester hours: (Core Requirements) Home Economics 112, 125, 136, 185, 210, 211, 267, 310, 377, 385, and Chem. 113-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, 415 or (emphasis in Interior Design) Home Economics 145, 280, 281, 282, 312. Select a related minor in business.

Dietetics: Choose a Home Economics in Business major with an emphasis in foods and nutrition and additional science courses planned fay adviser.

Minor:

Home Economics: 18 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. Instruction in home economics is provided which will be particularly useful for students assuming the role of a homemaker.

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

H.E. 112 Clothing Selection (2)

Economic, artistic, psychological, and personal problems in the selection of clothing for men and women.

Chem. 113 Chemistry of Foods (4)

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

H.E. 125 Social and Business Etiquette (2)

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. 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. 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 and Home Furnishing (2)

Factors affecting the selection of housing that answers specific needs of the family and family members. Experiences in planning. Fee \$2.00.

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H.E. 281 Draperies, Upholstery, Wood-Refinishing (2)

Experiences in the application of art principles of interior decoration to practical problems of skills in construction of draperies and curtains, refinishing of woods, and reupholstery. Fee \$2.00.

H.E. 282 Interior Design (2)

Art elements and principles of design as applied to the interior spaces of homes.

H.E. 290 Child Development (3)

Various patterns and stages of growth and learning; home influence in the care and guidance of children from infancy to early adolescence.

H.E. 295 Home Nursing and Family Health (3)

Health problems of the individual and the family group. The techniques of care of illness in the home; mother and baby care are included.

H.E. 310 Home Management (2)

Principles of management applicable to the individual and family group.

H.E. 311 Home Management Residence (3)

Residence in the Home Management House provides experiences in the application of the principles of management to a group situation. Application for residence must be made to the Academic Chairman of Home Economics, prior to registration. Fee \$5.00 plus campus board and room.

H.E. 312 General Textiles (2)

Fundamental weaves, yarns, fibers, colors, and finishes, with reference to selection and care of fabrics for clothing. New developments and synthetic textiles are studied in relation to their characteristics and commercial importance.

H.E. 313 Factors Underlying Fashion (2)

The historic, social, and psychological influence in relation to clothing.

H.E. 315 Flat Pattern Design (3)

Development of foundation pattern; flat pattern designing; making patterns for selected dress design and developed in selected 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. 367 Food Management (3)

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

Prerequisite: H.E. 267.

H.E. 377 Consumer Problems and Family Economics (2)

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

H.E. 385 Demonstration Procedures (2)

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

H.E. 386 Household Equipment (2)

Selection and use of appliances and other equipment used in the home to obtain maximum satisfaction and efficient operation.

H.E. 390 Nursery School Education (3)

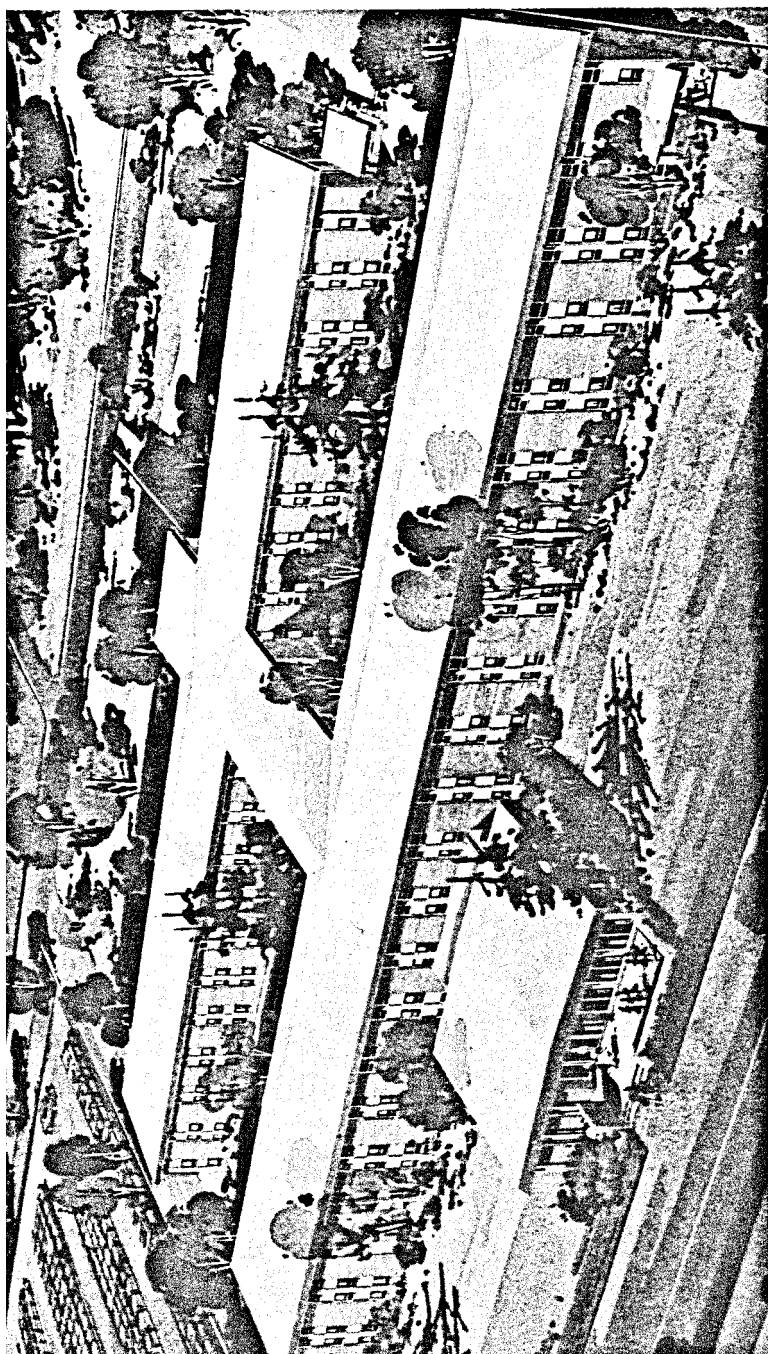
Provides practice with nursery school groups. Study of theories, trends, materials, and programs in present practices. Lectures and five hours laboratory work for six weeks.

- H.E. 415 Tailoring (3)
Tailoring techniques and methods applied in making a suit or coat.
- H.E. 431-Educ. 431 Teaching of Home Economics (2)
Home Economics curricula and methods and techniques of evaluating and teaching. History and requirements of vocational homemaking.
- 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. 113, or equivalent.

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.
- HJE. 596 Techniques in Group Leadership (3)
Basic principles of group dynamics and implications for some selected areas including in-school and community youth groups.
- H.E. 606 Developments in Family Relations (3)
Trends in personal, family, and community relationships.
- HJE. 607 Current Trends in Foods (3)
Developments in foods and research.

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- 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)
Study of current issues and problems.
- 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.