1900 Organic Gardening (2) F 1 hr. lecture; 2 hrs. lab. Introduction to organic vegetable production.
1901 Horticulture Technology (2) F Principles and practices of green agribusiness.
2001 Organic Gardening (2) F Principles of sexual and asexual propagation; specific methods for reproduction of plants.
2008 Introduction to Turfgrass Management (3) S-E Prereq.: BIOL 1202 or AGRO 2051 or equivalent. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Landscape Architecture (2) F Prereq.: HORT 1001. Examination of techniques of and approaches to historical research and writing American historical writing from the colonial period to the present.
2202 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2011 Analysis of Environmental Issues (3) See EMS 284.
2010 Installation and Maintenance of Ornaments in the Landscape (1 F) 1 hr. lecture; 2 hrs. lab. Introduction to plant and horticultural science.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2000 Special Topics in Horticulture (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2002 Design and Preparation of Sculptures and Luminaries 4 S 1 hr. lecture; 2 hrs. lab. Introduction to sculpture and installations of special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2009 General Horticulture (4) F 1 hr. lecture; 2 hrs. lab. Science and art of modern horticultural plant production, including propagation, fertilization, pest control, and production of major groups of plants, including vegetables, fruits and nuts, ornamentals, houseplants, and florist crops; lab includes propagation and culture of garden plants in field and greenhouse.
2008 Introduction to Turfgrass Management (3) S-E Prereq.: BIOL 1202 or AGRO 2051 or equivalent. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Landscape Architecture (2) F Prereq.: HORT 1001. Examination of techniques of and approaches to historical research and writing American historical writing from the colonial period to the present.
2202 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
2201 Seminar in Colonial and Early National America (3) Prereq.: HORT 1001 and 1003; or HORT 1101 and 1103. Critical analysis of the Landscape I (2) F May be taken for a max. of 6 hrs. of credit. Introduction to the history, philosophy, religion, government, and fine arts of garden plants.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2001 Special Topics in Horticulture I (3) S May be taken for a max. of 6 hrs. of credit when topics vary.
2004 Principles and practices of sod production and installation. Special topics in the Landscape (2) S Undergraduate and graduate students with written permission of the instructor. May be taken for a max. of 6 hrs. of credit when topics vary.
2003 Special Topics in Horticulture II (3) S May be taken for a max. of 6 hrs. of credit when topics vary. Art forms and their cultural significance; particular themes involving examination of art works.
ACCEPS. Phytology of agricultural plants, including water relations, respiration, photosynthesis, and growth and development. 3000 Horticultural Internship (3) Prereq.: HORT 2050 and written consent of instructor. May be taken for a max. of 6 sem. hrs. credit. Experience in horticulture enterprises culminating in acceptable written reports and a seminar presentation.

3010 Research Problems (3) Written consent of the instructor. May be taken for a max. of 6 sem. hrs. credit.

Independent research under a faculty member culminating in an oral and written research report. May be repeated for a max. of 6 sem. hrs. credit when topics vary. Prereq.: consent of department head. May be taken for a max. of 6 hrs. credit when topics vary. Pass-fail grading.

7004 Quantitative Genetics in Plant Improvement (3) See AGRO 7004.

3013 Seminar (1) May be taken for a max. of 4 hrs. credit. Topics of current interest in horticulture.

8000 Thesis Research (1-12 per sem.) “S”/“U” grading.

8000A Thesis Research for Doctoral Students (1-6 per sem.) Prereq.: must be a doctoral student and have consent of instructor and approval of the student’s full doctoral committee for each repetition of the course. This course may be repeated for credit; a max. of 15 sem. hrs. is allowed toward doctoral requirements. Credit in HUEC 7091 is included in the 15 sem. hrs.

HUMAN Ecology • HUEC

In the School of Human Ecology, the third digit of the course number denotes the subject area of the course as follows: 1 and 2—human nutrition and food; 3 and 4—apparel, textiles and merchandising; 5 and 6—child and family studies; 9 and 0—general courses (except 0904 which is a nutrition course).

GENERAL HUMAN Ecology

1000 Human Ecology as a Profession (3) Topics that identify human ecology as a profession; historical and philosophical development; the role of human ecology in society; the basic principles involved in growing, harvesting, transport, handling and storage of fruits and vegetables; current status of various specialties, and careers and commitments necessary in the various specialties.

2001 Special Topics in Human Ecology (1-3) Prereq.: consent of director for majors in human ecology. May be taken for a max. of 6 hrs. credit when topics vary. Contemporary issues in human ecology of interest to special professional and business groups.

3001 Reading and Research in Human Ecology (1-6) Open to students by permission of the graduate standing in consent of the director. May be taken for a max. of 6 hrs. credit. Students are required to prepare for the following reading and research.

4001 Special Topics in Human Ecology (1-3) Prereq.: consent of director. May be taken for credit for a max. of 6 sem. hrs. credit when topics vary. Lectures and laboratories on selected topics not covered in other human ecology courses.

7000 Research Methods in Human Ecology (3) Philosophy of human ecology research; issues and trends; design and methodology.

7001 Independent Reading and Research in Human Ecology (1-6) Prereq.: permission of department. May be taken for a max. of 6 hrs. credit. Directed individual reading and research in a selected area of human ecology. Credit for this course is not to be repeated for a max. of 6 sem. hrs. credit. Prerequisite: completion of 3000 series. (Note: Individual study courses in human ecology are not eligible for academic objectives for the undergraduate as an entry point into the college and graduate programs.)

8000 Thesis Research (1-12 per sem.) Prereq.: permission of department. “S”/“U” grading. Credit will not be given for this course and HUEC 8000. May be repeated for a max. of 15 sem. hrs. credit. "S/U" grading.

9000 Dissertation Research (1-12 per sem.) Prereq.: must be a doctoral student and have consent of instructor and approval of the student’s full doctoral committee for each repetition of the course. This course may be repeated for credit; a max. of 15 sem. hrs. is allowed toward doctoral requirements. Credit in HUEC 7091 is included in the 15 sem. hrs.

FAMILY, CHILD, AND CONSUMER SCIENCES

2050 Family Dynamics (3) A systems approach to examining family processes and development throughout the life cycle.

2061 The Family in a Consumer Society (3) An introduction and overview of family consumer opportunities and problems in contemporary society.

2065 Management of Family Systems and Services (3) Prereq.: credit or registration in HUEC 1000. A systems perspective of contemporary family processes, including environmental influences, elements of family management, and management of school and community services.

2083 Introduction to Early Childhood Education (3) An introduction to the field of early childhood education (ECE), encompassing the years from birth through age eight.

3055 Development of Young Children in Context (4) Prereq.: consent of instructor. May be taken for a max. of 8 sem. hrs. credit. Observations of development of children from prenatal to age eight in the family and other developmental contexts; field observation and work with infants and toddlers; development and practical experience in the School of Human Ecology’s Preschool Laboratory and in other early childhood settings.

3056 Young Children’s Family, Child, and Ecological Development (3) Prereq.: HUEC 3055. An introductory survey of current theory and research on young children’s cognitive and linguistic development; special attention is given to the development of oral language, reading skills, and mathematical concepts in young children; emphasis on implications for the early childhood education classroom.

3057 Learning Environments for Infants, Toddlers, and Preschool Children (3) Prereq.: HUEC 2065, 2083, and 3055; 2 hrs. lecture, 3 hrs. lab. Planning and preparing environments and learning experiences to support optimal physical, social, emotional, and cognitive development of young children.

3060 Family Finance (3) Prereq.: ECON 2030 or AGEC 2075 or equivalent. Development of bases for decision making related to family income, saving, and spending.

3065 Parent-Child Relations (3) Prereq.: consent of director. May be taken for credit for a max. of 6 sem. hrs. credit. Students are required to prepare for the following reading and research.

3067 Field Experience in Family, Child & Consumer Sciences (1-4) Prereq.: HUEC 2065 or 2065. 2-8 hrs. field experience per week. For majors only. May be taken for a max. of 4 sem. hrs. credit. Supervised professional experience designed to integrate academic learning with practice.

3090 Professional Seminar in Family, child, and Consumer Sciences (2) Prereq.: at least 2 cr. hrs. of HUEC 3067 or concurrent enrollment in HUEC 3067. For majors only. Seminar presentation, the family, child, and consumer scientist in today’s society.

3381 Early Childhood Curriculum (3) Prereq.: HUEC 2065 and concurrent enrollment in HUEC 3065, 3381, and 3383. Comprehensive integrated curriculum content for children in prekindergarten and kindergarten.

3383 Assessment and Planning for Reflective Instruction (3) Prereq.: Concurrent enrollment in HUEC 3061, 3381, and 3383. 6 hrs. field experience in multilevel, multicultural settings. Ways of instructing that reflect the multicultural and multilevel needs of children. (Note: Individual study courses in human ecology are not eligible for academic objectives for the undergraduate as an entry point into the college and graduate programs.)

3385 Field Experience in Family, Child & Consumer Sciences (1-4) Prereq.: HUEC 2065 or concurrent enrollment in HUEC 3067, 3381, and 3383. 2-8 hrs. field experience in multilevel, multicultural settings. Process of building the teaching and learning cycle (assessing, planning, teaching, reflecting) into integrated instruction of children in prekindergarten and kindergarten.

4051 The Adolescent and the Family (3) Prereq.: HUEC 3055 or equivalent. Growth, development, and guidance of the adolescent in the home, family, and community.

4052 Families: Policy and Law (3) Prereq.: POLI 2051 or 2670 or HIST 3071 or GEOG 4001 or equivalent. Marriage and family as legal institutions; history and development of family law principles; overview of the public policy process concerning the family. (Note: Individual study courses in human ecology are not eligible for academic objectives for the undergraduate as an entry point into the college and graduate programs.)

4055 Principles and Practices in Kindergarten Education (3) Prereq.: HUEC 3055 or PSYC 2076; 2.50 gpa required for registration; same as EDCI 4055. Classroom observation and instruction in the pre-academic objectives for the kindergarten as an entry point into the elementary school.

4063 Methods of Teaching Nursery School and Kindergarten (3) Prereq.: HUEC 3055 or PSYC 2076; 2.50 gpa required for registration; 2 hrs. lecture, 2 hrs. lab. Same as EDCI 4057. Essentials of successful development with children from various socioeconomic and cultural groups at the nursery/kindergarten level; philosophy, teaching methods, and materials for teaching learning experiences for the child under six.

4058 Student Teaching in the Kindergarten (5) Prereq.: permission of EDCI, prerequisite, EDCI 4055 or registration in EDCI/HUEC 4055 for undergraduates; credit or