9759 Reading Seminar: Special Topics in American History (3) May be taken for a max. of 9 sem. hrs. of credit when topics vary. S
9770 Reading Seminar in Comparative History (3) May be taken for a max. of 6 hrs. of credit when topics vary. S
9775 Seminar: Special Studies in History (3) May be taken for a max. of 6 hrs. of credit when topics vary. A research and reading seminar. Emphasis will vary. S
7981, 7982 Seminar in Latin American History (3.3)
7983, 7984 Seminar in Latin American History (3.3)
8000 Thesis Research (1-12 per sem.) S/T/U grading.
9000 Dissertation Research (1-12 per sem.) S/T/U grading.

HONORS • HNRS

General education courses are marked with stars (*).

1000 Honors Foundations (1) Introduction to Honors at LSU. Orientation to four-year Honors program and Honors College community includes: service, research, leadership, and cultural events; strategies for academic and personal success.

*1001 Seminar in Ancient Western Civilization (3) Prereq.: ENGL 1001 or equivalent. Coreq.: HNRS 1003. Credit will not be given for this course and HNRS 1002. 3 hrs. of credit.

*1003 Lectures in Ancient Western Civilization (3) Coreq.: HNRS 1001. Credit will not be given for this course and HNRS 1002. 3 hrs. of credit.

*1005 Introduction to the Life Sciences (4) 2 hrs. lecture; 4 hrs. lab. Not open to students who have had BIOL 1001, 1002, 1201, 1202, 1207, 1208, 1209, or 1503. Continuation of HNRS 1007. A basic course, organized in accordance with the principle of organic evolution, emphasizing phylogeny, morphology, function of multicellular organisms, and plant adaptation to the environment.

*1035 Life Science Seminar (3) May be taken for a max. of 6 hrs. credit when topics vary. For non-science majors only. Special topics in the Life Sciences.

*1036 Physical Science Seminar (3) May be taken for a max. of 6 hrs. credit when topics vary. For non-science majors only. Special topics in the Physical Sciences.

1101 Orientation to Four-Year Honors (3) Prereq.: ENGL 1001 or equivalent. Coreq.: HNRS 1003. Credit will not be given for this course and HNRS 1002. 3 hrs. of credit. Comparative and interdisciplinary study of the history, literature, philosophy, religion, and art of five ancient civilizations: Greek, Indian, Chinese, Mayan, and Mesopotamian.

1103 Lectures in Comparative Civilizations (3) Coreq.: HNRS 1101. Credit will not be given for this course and HNRS 1102. 3 hrs. of credit. Continuation of HNRS 1007. A basic course, organized in accordance with the principle of organic evolution, emphasizing the chemical basis of life and cell biology.

1104 Introduction to the Life Sciences (4) 2 hrs. lecture; 4 hrs. lab. Not open to students who have had BIOL 1001, 1002, 1201, 1202, 1207, 1208, 1209, or 1503. Continuation of HNRS 1007. A basic course, organized in accordance with the principle of organic evolution, emphasizing the chemical basis of life and cell biology.

1120 Introduction to the Life Sciences (4) 2 hrs. lecture; 4 hrs. lab. Not open to students who have had BIOL 1001, 1002, 1201, 1202, 1207, 1208, 1209, or 1503. Continuation of HNRS 1007. A basic course, organized in accordance with the principle of organic evolution, emphasizing the chemical basis of life and cell biology.

1125 Lectures in Ancient Western Civilization (3) Coreq.: HNRS 1101. Credit will not be given for this course and HNRS 1102. 3 hrs. of credit.

1130 Internships, Field Work, Off-Campus Programs (1-6) Prereq.: consent of dean of Honors College. May be taken for a max. of 6 sem. hrs. of credit. For special learning opportunities.

3991 Thesis (3) Independent research and writing toward the honors thesis; the thesis itself to be completed in HNRS 3992. 3 hrs. of credit.

3992 Thesis (3) An essay based on independent reading and research or a report on laboratory or field research. 3 hrs. of credit.

4813 Interdisciplinary Fluid Dynamics: Physical Concepts (3) See ME 4813.

4823 Interdisciplinary Fluid Dynamics: Computational Methods (3) See ME 4823.

Horticulture • HORT

2001 Organic Gardening (2) F One hr. lecture; 2 hrs. lab. For non-horticulture majors. Principles and practices of organic vegetable production.

2010 Horticulture Technology (2) F Prereq.: MATH 1021. Introduction and overview of cultivations and measurements used in applied horticulture.

2021 Analysis of Environmental Issues (3) See EMS 2021. 3 hrs. of credit.

2030 Installation and Maintenance of Ornamentals in the Landscape (1) 1 hr. lecture; 2 hrs. lab. Introduction to soil analysis and preparation, installation and maintenance of landscape plants including trees, shrubs, perennials, and annuals; irrigation installation and repair.

2054 Introduction to Horticultural Ornamentals in the Landscape (1) Introduction to horticultural ornamentals in the landscape.

2056 General Horticulture (4) F/S 3 hrs. lecture; 2 hrs. lab. Science and art of modern horticultural plant production, including propagation, pest control, and management; major groups of garden crops including vegetables, fruits and nuts, ornamentals, houseplants, and florist crops; lab includes propagation and culture of garden plants in field and greenhouse.

2061 Plant Propagation (3) S/O Prereq.: HORT 2050. 2 hrs. lecture; 2 hrs. lab. Principles of sexual and asexual plant propagation; specific methods of plants.

2066 Introduction to Turfgrass Management (3) S/E Prereq.: BIOL 1002 or 1003; AGRO 2051 or equivalent. 2 hrs. lecture; 4 hrs. lab. Ranges offered as AGRO 2066. Turfgrass identification and adaptation; establishment and maintenance of high quality turf areas; turfgrass diseases and their control.

2122 Herbaceous Plant Materials (2) S/O 1 hr. lecture; 2 hrs. lab. Identification and study of plant materials; propagation protocols, growth characteristics, and visual characteristics of herbaceous plant materials used in ornamental horticulture and landscaping.

2124 Landscape Materials (2) S/O 1 hr. lecture; 2 hrs. lab. Identification and study of plant materials; ecological and visual characteristics of plants used in landscape design.

2125 Wood Plant Materials (2) S/O Prereq.: HORT 2124 or consent of instructor. 1 hr. lecture; 3 hrs. lab. Continuation of HORT 2124. Introduction to the nursery industry including production, availability, and marketing.

2130 Survey of Arboriculture (2) S/O 1 hr. lecture; 2 hrs. lab. Review of the biology, growth, environment, and management practices for trees in the landscape.

2860 Growth and Development of Agricultural Crops (3) F/O Prereq.: CHEM 1002 or 1003 and BIOL 1002 or 1003. 3 hrs. of credit. This course is part of an interdisciplinary presentation of development of western civilization from the era of revolution to the present: literature, history, philosophy, religion, government, and fine arts.

3010 Leaders and Scholarship (3) Analysis of classical and modern foundations and principles of leadership. Practice in scholarship essay writing, interviewing, debate, and critical thinking. Intended for national and international scholarship applicants.

3030 Humanities Colloquium (3) May be taken for a max. of 6 hrs. of credit. Selected topics and materials in literature, philosophy, religion, and art.

3031 American Studies (3) May be taken for a max. of 6 hrs. of credit when topics vary. Topics of significance in American studies. 3 hrs. of credit.

3033 Social Science Colloquium (3) May be taken for a max. of 6 hrs. of credit when topics vary. Topics of significance in social sciences. 3 hrs. of credit.

3035 Natural Science Colloquium (3) Prereq.: completion of one-year course in a physical science and one-year course in a biological science, at least one with laboratory; consent of instructor. May be taken for a max. of 6 hrs. of credit when topics vary. Topics illustrative of developing concepts of the natural and physical universe and of living organisms.

3100 Internships, Field Work, Off-Campus Programs (1-6) Prereq.: consent of hon. of dean of Honors College. May be taken for a max. of 6 sem. hrs. of credit. For special learning opportunities.

3991 Thesis (3) Independent research and writing toward the honors thesis; the thesis itself to be completed in HNRS 3992. 3 hrs. of credit.

3992 Thesis (3) An essay based on independent reading and research or a report on laboratory or field research. 3 hrs. of credit.

4813 Interdisciplinary Fluid Dynamics: Physical Concepts (3) See ME 4813.

4823 Interdisciplinary Fluid Dynamics: Computational Methods (3) See ME 4823.

4040 International Horticulture (3) S Prereq.: HORT 2050 or equivalent. Current status of cultivation throughout the world; production practices; postharvest handling; international trade of tropical/subtropical horticultural crops.

4042 Special Topics in Horticulture (1-3) S Prereq.: consent of instructor. Max. 6 sem. hrs. of credit when topics vary. Lab/field trip may be required. Subject areas not covered in other horticulture courses.

4020 Greenhouse Management and Controlled Environment Agriculture (4) F 3 hrs. lecture; 2 hrs. lab. Prereq.: HORT 2050 or equivalent. This course is part of ACCEPS. Operation and management of greenhouses and other controlled environments with emphasis on system design and construction, control of light intensity and photosynthetic and cooling systems, substrates, mineral nutrition, water quality and irrigation systems.

4030 Plantation, Beverage, and Tropical Nut Crops (3) S/O Prereq.: HORT 2050 or equivalent. World situations, production practices, processing, postharvesting, agro-processing, and international trade of rubber, oil palm, cocoa, coconut, olive, coffee, tea, wine grapes, vanilla, and various tropical/subtropical horticultural crops.

4040 International Horticulture (3) S Prereq.: HORT 2050 or equivalent. Current status of cultivation throughout the world; production practices; postharvest handling; international trade of tropical/subtropical horticultural crops.

4042 Special Topics in Horticulture (1-3) S Prereq.: consent of instructor. Max. 6 sem. hrs. of credit when topics vary. Lab/field trip may be required. Subject areas not covered in other horticulture courses.

4020 Greenhouse Management and Controlled Environment Agriculture (4) F 3 hrs. lecture; 2 hrs. lab. Prereq.: HORT 2050 or equivalent. This course is part of ACCEPS. Operation and management of greenhouses and other controlled environments with emphasis on system design and construction, control of light intensity and photosynthetic and cooling systems, substrates, mineral nutrition, water quality and irrigation systems.
construction of fruit and vegetable processing plants, including process layout and sanitary considerations.

4061 Principles of Insect Management (4) Prereq.: BIOL 4064.
4071 Nursery Management (3) F-T Prereq.: BIOL 3060 or equivalent. 2 hrs. lecture; 2 hrs. lab. Required field trips. Principles involved in commercial propagation, management, and marketing of nursery crops.
4072 Sustainable Ornamental Production (3) Prereq.: HORT 2050. 3 hrs. lecture; 3 hrs. lab. Required field trips. Review of U.S. commercial vegetable, seed handling, field modemization, transplant handling, stand establishment, influence of soil chemical and physical properties, and greenhouse vegetable production.

4085 Principles and Practices in Fruit and Nut Production (4) S-O Prereq.: HORT 2050 or equivalent. 3 hrs. lecture; 2 hrs. lab. Required field trips. Physiological principles involved in growing pomological crops; overview of state, U.S., and worldwide fruit and nut industry; marketing and production strategies.

4090 Golf Science, Plant Tissue Culture (4) S Prereq.: HORT 4085. 3 hrs. lecture; 2 hrs. lab. Golf course management; construction; cultural practices; environmental concerns.
4096 Postharvest Physiology (4) S Prereq.: PLHL 3060. 3 hrs. lecture; 2 hrs. lab. Physiological changes associated with storage, handling, and quality of fruits and vegetables; current practices used in extending shelf-life; basic and applied laboratory analysis techniques.
6011 Topics in Plant, Environmental and Soil Sciences for Teachers (1-3) F Prereq.: 6010. 2 hrs. lecture; 1 hr. seminar. Additional topics from application of cytogenetics, extrachromosomal inheritance, and molecular techniques in plant genetics.
7074 Quantitative Genetics in Plant Improvement (3) See AGRO 7074.
7913 Seminar (1) May be taken for a max. of 4 hrs. of credit. Topics of current interest in horticulture.
8000 Thesis Research (1-12 per sem.) $’Y’U” grading. Credit may be taken for a max. of 6 hrs. of credit when topics vary. Pass-fail grading. Students minoring in horticulture may take this course only once.
9000 Dissertation Research (1-12 per sem.) $’Y’U” grading.

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 = food and nutrition; 2 = human development (socio-cultural and individual); 3 = apparel, textiles and merchandising; 5 = child and family studies; and 9 = general courses (except 7094 which is a nutrition course).

GENERAL HUMAN ECOLOGY
1000 Human Ecology as a Profession (3) Attributes that identify human ecology as a profession; historical and philosophical view of its mission, interrelationships of its various specializations, and competencies and commitments necessary in the various specializations.
4091 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. of credit when topics vary. Contemporaneous and historical topics of interest to special professional and business groups.
3091 Reading and Research in Human Ecology (1-6) Open to advanced students of high academic standing by consent of director. May be taken for a max. of 6 hrs. of credit. Students are responsible for registering with a faculty member with whom they are reading and researching.
4091 Special Topics in Human Ecology (1-3) Prereq.: consent of director. May be taken for a max. of 6 sem. hrs. who register for the course and/or laboratories on selected topics not covered in other human ecology courses.
7090 Research Methods in Human Ecology (3) Philosophy of human ecology research; issues and trends; design and methodology.
7091 Independent Reading and Research in Human Ecology (1-6) Prereq.: 7011 or 7012. May be taken for a max. of 6 hrs. of credit. Directed individual reading and research in a selected area of human ecology. Prerequisite: Human Ecology Fundamentals (1) S Prereq.: consent of all doctoral students in human ecology. May be taken for a max. of 3 hrs. of credit. ’P’ ’Y’U” grading. Research report is a discussion of current topics and issues in human ecology.
7093 Advanced Research Methods in Human Ecology (3) Prereq.: human ecology fundamentals (1) S Prereq.: consent of instructor and approval of the student's full committee. Credit will not be given for this course and HUEC 8000. May be repeated for a max. of 3 sem. hrs. of credit. ’Y’U” grading. Directed research and focused project development under the supervision of the major professor.
8090 Thesis Research (1-12 per sem.) Prereq.: permission of department. $’Y’U” grading. Credit will not be given for this course and HUEC 7900.
9000 Dissertation Research (1-12 per sem.) Prereq.: permission of department. $’Y’U” grading.
9091 Independent Research for Doctoral Students (1-6 preq.) Prereq.: must be a doctoral student and have consent of department. Credit will not be given for this course and HUEC 8000. May be repeated for a max. of 15 sem. hrs. of credit. ’Y’U” grading. Directed research and focused project development under the supervision of the major professor.
9092 Independent Research for Doctoral Students (1-6 preq.) Prereq.: must be a doctoral student and have consent of department. Credit will not be given for this course and HUEC 8000. May be repeated for a max. of 15 sem. hrs. of credit. ’Y’U” grading. Directed research and focused project development under the supervision of the major professor.
9093 Advanced Research Methods in Human Ecology (3) Prereq.: permission of department. Credit will not be given for this course and HUEC 8000. May be repeated for a max. of 3 sem. hrs. of credit. ’Y’U” grading. Directed research and focused project development under the supervision of the major professor.

3067 Field Experience in Family, Child & Consumer Science (1-4) Prereq.: HUEC 2050 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 credit hrs. of HUEC 2050 or concurrent enrollment. 2 hrs. lecture. For majors only. Preinternship seminar: the family, child, and consumer scientist in today’s society.
3381 Early Childhood Childhood Curriculum (3) Prereq.: HUEC 2083 and concurrent enrollment in HUEC 3055, 3382, and 3383. Comprehensive integrated curriculum content for children in prekindergarten and early childhood: Reading/language arts, mathematics, science, social studies, and the arts. 3 hrs. lecture; 3 hrs. lab/field experience in multilevel, multisessional settings. Ways of instructing children from birth to kindergarten.
3383 Assessment and Planning for Reflective Instruction (3) Prereq.: Concurrent enrollment in HUEC 3055, HUEC 3381, and HUEC 3382. 2 hrs. lecture; 6 hrs. lab/field experience in multilevel, multisessional settings. Process of building the teaching and learning cycle (planning, teaching, testing, and implementing instruction) for children in prekindergarten and kindergarten.
4051 The Adolescent and the Family (3) Prereq.: HUEC 3055 or equivalent. Credit may be given for this course and HUEC 3091. History of the adolescent in the home, family, and community.
4052 Families and Family Law (3) Prereq.: POLI 2051 or 2070 or HORT 2051 or EDGI 2057 or EDGI 2058. Credit and family as legal institutions; history and development of family law principles; overview of the public policy process; emphasis on family policy, civil rights.
4053 Principles and Practices in Kindergarten Education (3) Prereq.: HUEC 3055 or PSYC 2076. 2.50 gpa required for registration; same as EDCI 4057. Classroom organization and instructional management using pre-academic objectives for the kindergarten as an entry point into the primary school.
4057 Methods of Teaching Nursery School and Kindergarten (3) Prereq.: HUEC 3055 or PSYC 2076. 2.50 gpa required for registration; same as EDIC 4057. Classroom organization and instructional management using pre-academic objectives for the kindergarten as an entry point into the primary school.
4058 Student Teaching in the Kindergarten (5) Prereq.: prior application, EDIC/HUEC 4057, and credit or registration in EDIC/HUEC 4055 for students with elementary certification. 40 hrs. practicum. 2.50 or better gpa required for registration. Same as EDIC 4058. Supervisors plan and direct teaching experiences in kindergarten programs for varied cultural groups and socioeconomic levels.
4059 Professional Administration and Organization of Early Childhood Programs (3) Prereq.: HUEC 2083 or consent of department. Historical, cultural, and philosophical foundations; finances, budgeting, and management techniques; legal aspects, equipment and physical plant, parent education and communication, public relations.
4062 Families and Consumer Law (3) Prereq.: HUEC 2061. Advanced study of federal and state “consumer bills,” one’s legal status as a family member; effectiveness of warrants and the judicial process regarding consumers’ rights; responsibilities delegated to consumers.
4064 Family Stress Management (3) Prereq.: HUEC 2065 or consent of instructor. Strategies used by families to manage stress and current stress management theory and research.
4065 Family Life Education (3) S Prereq.: Credit or concurrent enrollment in HUEC 3055. Overview of family life education history, philosophy, and topics; planning, implementation, and evaluation of family life education programs; specialized in diverse settings.
4067 Internship in Family, Child, and Consumer Sciences (8) Prereq.: HUEC 3090 and 4 cr. hrs. in HUEC 3055. 12 hrs. lecture; 12 hrs. lab; 2 hrs. senior standing. Application must be made at the school one semester prior to proposed enrollment. Supervised field experience in child and family studies.
4081 Student Teaching: Practice and Reflection in Early Childhood (12) Prereq.: EDGI 3581 or concurrent enrollment in HUEC 4382, 4 hrs. lecture; 24 hrs. lab/field experience in multilevel, multisessional settings. Designed to partially fulfill student teaching requirements and to prepare students to be effective...