HORTCULTURE-HORT (HORT)

Courses

HORT 100 Horticultural Science Credits: 4 (3-2-0)
Course Description: Principles of plant science and related disciplines as the base and context for the introduction of horticultural practices.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Required field trips. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: Yes.
Additional Information: Biological & Physical Sciences 3A.

HORT 171 Environmental Issues in Agriculture (GT-SS3) Credits: 3 (2-0-1)
Also Offered As: SOCR 171.
Course Description: Historical development of agriculture, environmental consequences of modern food production and other cultural approaches to agriculture.
Prerequisite: None.
Registration Information: Must register for lecture and recitation. Credit not allowed for both HORT 171 and SOCR 171.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 221 Landscape Plants Credits: 4 (2-4-0)
Course Description: Identification, landscape features, cultural requirements, and landscape use of coniferous and deciduous trees and shrubs, vines, and evergreens.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Required field trips.
Terms Offered: Fall, Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

HORT 231 Landscape Graphics Studio Credits: 4 (2-4-0)
Course Description: Mechanical and freehand graphic techniques for landscape design. Use of pencil, ink, and colored markers. Plan, sectional, and perspective views.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 232 Principles of Landscape Design Credits: 4 (2-4-0)
Course Description: Basic concepts in the art and process of landscape design.
Prerequisite: HORT 231.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

HORT 260 Plant Propagation Credits: 4 (3-2-0)
Course Description: Theories, principles, and techniques of sexual and asexual propagation.
Prerequisite: BZ 120, may be taken concurrently or HORT 100, may be taken concurrently or LIFE 103, may be taken concurrently.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

HORT 270 Fundamentals of Horticultural Therapy Credits: 2 (2-0-0)
Course Description: Theory and practice of horticultural therapy in health care and human services; applications, settings, and professional career topics.
Prerequisite: None.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 310 Greenhouse Management Credits: 4 (3-2-0)
Course Description: Design and use of enclosed structures to manipulate controlled environments, effects on growth as applied to crops, production, and marketing costs.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.

HORT 320 Nursery Production and Management Credits: 4 (3-2-0)
Course Description: Nursery industry organization, management, equipment, field and container production, storage, shipping, marketing, and business management practices.
Prerequisite: BZ 120 or HORT 100 or LIFE 103.
Registration Information: Must register for lecture and laboratory. Required field trips.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

HORT 322 Herbaceous Plants Credits: 3 (2-2-0)
Course Description: Identification, landscape features, cultural requirements, and uses of ornamental annual, perennial, and bulb plants.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Sections may be offered: Online. Required field trips.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: Yes.
HORT 328  Interior Plantscaping  Credits: 3 (2-2-0)
Course Description: Interior plant culture, plant identification, interiorscape design and concepts for running an interior plantscaping business.
Prerequisite: BZ 120 or HORT 100.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 330  Computers for Landscape Design Credits: 2 (1-2-0)
Course Description: Applications and techniques of computer software utilized in small-scale landscape design-build.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 331  Landscape Design Credits: 2 (2-0-0)
Course Description: Fundamentals of landscape design theory and plant composition as presented in simple problems.
Prerequisite: None.
Registration Information: For non-design majors only.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 335  Landscape Structures Credits: 4 (2-4-0)
Course Description: Design and construction methods for structures commonly used in residential landscaping. Preparation of construction documents.
Prerequisite: CON 131 and HORT 232.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 336  Landscape Grading and Drainage Studio Credits: 4 (2-4-0)
Course Description: Basic design principles for grading, drainage, and earth forms for small-scale projects.
Prerequisite: (HORT 221 and HORT 322 and HORT 335) and (MATH 118).
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 341  Turfgrass Management Credits: 3 (2-2-0)
Course Description: Principles and practices of turfgrass propagation and maintenance.
Prerequisite: HORT 100, may be taken concurrently.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 344  Organic Greenhouse Production Credit: 1 (1-0-0)
Course Description: Fundamentals of greenhouse production using organic production methods.
Prerequisite: HORT 310.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: Yes.

HORT 345  Diagnosis and Treatment in Organic Fields Credits: 2 (0-4-0)
Also Offered As: SOCR 345.
Course Description: Field experience in diagnosis of pest and nutrient problems on organic farms and development of treatment recommendations.
Prerequisite: (BSPM 302 or BSPM 308 or BSPM 361) and (HORT 100 or SOCR 100) and (SOCR 240).
Registration Information: Credit not allowed for both HORT 345 and SOCR 345. Required field trips.
Term Offered: Summer (even years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 367  Landscape Irrigation Credits: 3 (2-2-0)
Course Description: Practical design of sprinkler and trickle irrigation systems for commercial and residential landscapes.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory. Credit allowed for only one of the following: HORT 367, HORT 368, LAND 368.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 368  Landscape Irrigation and Water Conservation Credits: 3 (2-2-0)
Also Offered As: LAND 368.
Course Description: Practical approaches and methods of irrigation, water conservation, and water management in the designed landscape.
Prerequisite: HORT 100 or LAND 110.
Registration Information: Must register for lecture and laboratory. Credit allowed for only one of the following: HORT 367, HORT 368, LAND 368.
Term Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 370  Landscape Irrigation Credit: 1 (1-0-0)
Course Description: Necessary skills to design and manage irrigation systems used in the landscape industry.
Prerequisite: HORT 100, may be taken concurrently.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 377  Horticultural Methods for Therapy Programs Credit: 1 (1-0-0)
Course Description: Horticultural methods for health care and human service settings, including indoor and outdoor growing techniques, management and plant selection.
Prerequisite: HORT 100 or HORT 270.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
HORT 382 Origins of Agriculture in the Andes of Peru  Credits: 3 (0-0-3)
Course Description: Study abroad experience focused on understanding
the agricultural, biological, cultural, and geographical diversity of the
Andes region of Peru.
Prerequisite: HORT 100 or BZ 120 or LIFE 103.
Term Offered: Summer.
Special Course Fee: No.

HORT 384 Supervised College Teaching  Credits: Var[1-5] (0-0-0)
Course Description:
Prerequisite: None.
Registration Information: A maximum of 10 combined credits for all 384
and 484 courses are counted towards graduation requirements.
Terms Offered: Fall, Spring.
Grade Mode: Instructor Option.
Special Course Fee: No.

HORT 401 Medicinal and Value-Added Uses of Plants  Credits: 3 (3-0-0)
Course Description: Chemical, biochemical and ethnobotanical
perspective on the medicinal and value-added uses of plants.
Prerequisite: BZ 120 or HORT 100 or LIFE 103.
Registration Information: Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 410 Postharvest Biology and Technology  Credits: 3 (3-0-0)
Course Description: Storage and quality maintenance of harvested fruits
and vegetables.
Prerequisite: (BZ 120 or HORT 100 or LIFE 103) and (BZ 440).
Registration Information: A maximum of 10 combined credits for all 384
and 484 courses are counted towards graduation requirements.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 412 Floriculture Crops  Credits: 4 (3-0-1)
Course Description: Commercial production and marketing of bedding
plants, potted container crops, and cut flowers.
Prerequisite: None.
Registration Information: Must register for lecture and recitation.
Required field trips. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 421 Horticultural Therapy Techniques  Credits: 2 (2-0-0)
Course Description: Clinical skills in horticultural therapy;
communication, safety, leadership, therapeutic relationships, adaptation
of tools and activities.
Prerequisite: HORT 270.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 423 Horticultural Therapy Programming  Credits: 2 (2-0-0)
Course Description: Methods for individual treatment planning,
intervention, documentation, and reporting within therapy, social, and
vocational HT programs.
Prerequisite: HORT 421.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 424 Topics in Organic Agriculture  Credits: 3 (3-0-0)
Also Offered As: SOCR 424.
Course Description: Examination of issues specific to organic food
production systems and marketing.
Prerequisite: (AREC 202 or ECON 202) and (SOCR 240 and AREC 328) and
(HORT 100 or SOCR 100) and (HORT 171 or SOCR 171).
Registration Information: Credit not allowed for both HORT 424 and
SOCR 424.
Term Offered: Spring (even years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 425 Horticultural Therapy Management  Credits: 3 (2-0-1)
Course Description: Horticultural therapy program and site design,
proposals, funding, marketing, management, and evaluation.
Prerequisite: HORT 423.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 431 Planting Design Studio  Credits: 4 (2-4-0)
Course Description: Functional and aesthetic values of plant materials;
their creative use in landscape design.
Prerequisite: HORT 221 and HORT 336 and HORT 322.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 432 Intensive Landscape Design Studio  Credits: 5 (2-6-0)
Course Description: Site planning and design for landscape projects of a
limited scale. Problems of increasing complexity. Emphasis on real sites
and clients.
Prerequisite: HORT 487 and HORT 431.
Registration Information: Must register for lecture and laboratory.
Required field trips.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 441 Turfgrass Science  Credits: 3 (3-0-0)
Course Description: Examination of turfgrass management practices
from a scientific perspective; discussion of advanced turfgrass
management technologies.
Prerequisite: BZ 120 or HORT 100 or SOCR 240.
Registration Information: Required field trips.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 450A Horticulture Food Crops: Cool Season Vegetable
Production  Credit: 1 (1-0-0)
Course Description:
Prerequisite: BZ 120 or HORT 100 or LIFE 103 or SOCR 100.
Registration Information: Required field trips.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: Yes.
HORT 450B Horticulture Food Crops: Warm Season Vegetable Production Credit: 1 (1-0-0)
Course Description:
Prerequisite: BZ 120 or HORT 100 or LIFE 103 or SOCR 100.
Registration Information: Required field trips.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: Yes.

HORT 450C Horticulture Food Crops: Small Fruit Production Credit: 1 (1-0-0)
Course Description:
Prerequisite: BZ 120 or HORT 100 or LIFE 103 or SOCR 100.
Registration Information: Required field trips.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: Yes.

HORT 450D Horticulture Food Crops: Tree Fruit Production Credit: 1 (1-0-0)
Course Description:
Prerequisite: BZ 120 or HORT 100 or LIFE 103 or SOCR 100.
Registration Information: Required field trips.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 452 Viticulture-Grape Production Credit: 1 (1-0-0)
Course Description: Grape production in temperate zone climates.
Prerequisite: BZ 120 or HORT 100 or LIFE 103 or SOCR 100.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 454 Horticulture Crop Production and Management Credits: 2 (2-0-0)
Course Description: Production and management of horticulture crops.
Prerequisite: HORT 100.
Registration Information: Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 460 Plant Breeding Credits: 3 (2-0-1)
Also Offered As: SOCR 460.
Course Description: Theory and practice of plant breeding using principles of genetics and related sciences.
Prerequisite: BZ 350, may be taken concurrently or LIFE 201A, may be taken concurrently or SOCR 330, may be taken concurrently.
Registration Information: Must register for lecture and recitation. Credit not allowed for both HORT 460 and SOCR 460.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 461 Plant Breeding Laboratory Credit: 1 (0-2-0)
Also Offered As: SOCR 461.
Course Description: Techniques and procedures used in public and commercial plant breeding programs.
Prerequisite: HORT 460, may be taken concurrently or SOCR 460, may be taken concurrently.
Registration Information: Credit not allowed for both HORT 461 and SOCR 461.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 462 Viticulture Practices in Grape Production Credits: 3 (3-0-0)
Course Description: Biology of grape vines and cultural practices including planning, training, pest control, pruning, and harvesting; special emphasis on Colorado.
Prerequisite: None.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 464A Arboriculture Credits: 3 (2-2-0)
Course Description: Practices used by arborists and landscape managers to plant, appraise and maintain landscape trees.
Prerequisite: HORT 100 and SOCR 240.
Registration Information: Sections may be offered: Online. Credit not allowed for both HORT 464A and HORT 464B. Required field trips.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 465 Landscape Estimating Credits: 3 (2-2-0)
Course Description: Landscape construction estimating and bidding, contract documentation and other business practices relevant to landscape design-build and contracting.
Prerequisite: (MATH 117) and (MATH 118) and (MATH 124 or MATH 125 or MATH 141 or MATH 155) and (HORT 221).
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

HORT 466 Urban and Community Forestry Credits: 3 (3-0-0)
Also Offered As: F 466.
Course Description: Policies and management of publicly and privately owned community forests in urbanized areas.
Prerequisite: F 310 or RS 310 or HORT 221.
Registration Information: Credit not allowed for both HORT 466 and F 466.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 476 Environmental Plant Stress Physiology Credits: 3 (3-0-0)
Course Description: Plant growth, development and physiology, major sources of stress in plants, global issues in environment and plant stress.
Prerequisite: BZ 440.
Registration Information: Credit not allowed for both HORT 476 and HORT 576. Sections may be offered: Online.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.
HORT 477 Enology-History and Winemaking  Credits: 3 (3-0-0)  
Course Description: History and development of the wine industry; mechanics of various processes and factors affecting wine quality and consumer acceptance.  
Prerequisite: CHEM 107, may be taken concurrently and CHEM 108, may be taken concurrently or CHEM 111, may be taken concurrently and CHEM 112, may be taken concurrently.  
Term Offered: Fall (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 479 Professional Landscape Practices  Credits: 2 (2-0-0)  
Course Description: Business skills involved in a successful career in the green industry.  
Prerequisite: HORT 100 and HORT 465.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 486A Practicum: Floriculture  Credits: 2 (0-4-0)  
Course Description: Directed experience in applications of floriculture technique. Fall: pest, energy, and production. Spring: production and experimentation.  
Prerequisite: HORT 310.  
Terms Offered: Fall, Spring.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

HORT 486B Practicum: General  Credits: Var[1-6] (0-0-0)  
Course Description: Directed experiences in applications of horticulture techniques and procedures.  
Prerequisite: None.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

HORT 487 Internship  Credits: Var[1-18] (0-0-0)  
Course Description:  
Prerequisite: None.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

HORT 495 Independent Study  Credits: Var[1-18] (0-0-0)  
Course Description:  
Prerequisite: None.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

HORT 496 Group Study  Credits: Var[1-18] (0-0-0)  
Course Description:  
Prerequisite: None.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

HORT 511 Green Roof Culture  Credits: 2 (2-0-0)  
Course Description: Understand the relevance of green roofs in North America, especially the process, from concept to project completion and maintenance.  
Prerequisite: HORT 100 to 199 - at least 3 credits.  
Term Offered: Fall.  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 515 Urban Horticulture  Credits: 3 (3-0-0)  
Also Offered As: AGRI 515.  
Course Description: Investigate and evaluate the techniques of incorporating food production systems in the urban and peri-urban environment.  
Prerequisite: HORT 450A or HORT 450B or HORT 450C or HORT 450D.  
Registration Information: Credit not allowed for both HORT 515 and AGRI 515. Offered only online.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 521 Horticulture and Human Health and Well-Being  Credits: 3 (3-0-0)  
Course Description: Impact of principles and practices of horticulture on human health and well-being.  
Prerequisite: None.  
Restriction: Must be a: Graduate.  
Registration Information: Graduate standing. Bachelor’s degree required. Sections may be offered: Online.  
Term Offered: Fall (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 522 Horticulture and Human Health Issues  Credits: 3 (3-0-0)  
Course Description: Horticulture is an essential instrument of public health, but often professionals in these fields view themselves as opponents. Examine issues arising in the production of foods for human consumption that human health professionals often encounter. Overcome the barriers that divide horticulture and human health professionals.  
Prerequisite: None.  
Restriction: Must be a: Graduate.  
Registration Information: Graduate standing. Sections may be offered: Online.  
Term Offered: Spring (odd years).  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 571 Soil-Plant-Water Relations/Water Stress  Credits: 3 (3-0-0)  
Course Description: Movement of water in the soil-plant-atmosphere continuum. Instrumentation for measuring plant-water relations. Plant responses to drought and salinity.  
Prerequisite: BZ 440.  
Term Offered: Spring (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.  

HORT 575 Plant Germplasm Conservation  Credits: 2 (2-0-0)  
Course Description: Principles, concepts, and methodology for collection, conservation, and utilization of plant genetic resources.  
Prerequisite: HORT 460 or SOCR 460.  
Term Offered: Fall (even years).  
Grade Mode: Traditional.  
Special Course Fee: No.
HORT 576 Advanced Environmental Plant Stress Physiology Credits: 4 (3-0-1)
Course Description: Advanced aspects of plant growth, development and physiology, major sources of stress in plants, global issues in environment and plant stress.
Prerequisite: BZ 440.
Registration Information: Must register for lecture and recitation. Credit not allowed for both HORT 576 and HORT 476.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 578 Phytochemicals and Probiotics for Health Credits: 3 (2-0-1)
Also Offered As: FTEC 578.
Course Description: Examination of phytochemicals and probiotic organisms important in human health.
Prerequisite: BC 351.
Registration Information: Senior standing. Must register for lecture and recitation. Credit not allowed for both FTEC 578 and HORT 578.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 579 Metabolomics Methods and Analysis Credits: 2 (1-2-0)
Course Description: Experimental designs and workflows to generate, computationally process and analyze metabolite data. Methods to detect small molecules and proteins using mass spectrometry, and cover processing and interpretation of chemical data for metabolomics and proteomics studies. Course format includes lecture, computer lab, literature review, and student presentations.
Prerequisite: None.
Registration Information: Graduate standing. Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

HORT 588 Supervised Extension Practices Credits: Var[1-18] (0-0-0)
Course Description: Field experiences in extension practices in horticulture.
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

HORT 601 Topics in Root and Rhizosphere Biology Credits: 2 (1-0-1)
Course Description: In-depth overview of the biology of roots and the rhizosphere processes related to roots.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: One course in plant physiology; one course in biochemistry. Must register for lecture and recitation.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

HORT 675 Plant Stress Physiology Credits: 3 (3-0-0)
Course Description: Research concepts based on physiological, biochemical, and molecular mechanisms controlling environmental stresses in plants.
Prerequisite: BZ 440.
Restriction: Must be a: Graduate, Professional.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.