

Don B. Huntley College of Agriculture

Undergraduate Programs

| Major Degree - Subprogram | Discipline Major Units | Concentration /Technical Elective Units | Un-restricted Electives | Discipline Major and Concentration Units | % Major core / Discipline Major and Concentration Units | CSU Codes | Paired CIP Code | <u>CIP Description</u> |
|--------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|--------------------------------|-------------------------------------------------|----------------------------------------------------------------|------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Agricultural Science - Animal Science Emphasis</u> | 27 | 60 | 3 | 87 | 31% | 1012 | 13.1301 | A program that prepares individuals to teach vocational agricultural programs at various educational levels. |
| <u>Agricultural Science - Plant Science Emphasis</u> | 27 | 60 | 3 | 87 | 31% | 1012 | 13.1301 | A program that prepares individuals to teach vocational agricultural programs at various educational levels. |
| <u>Animal Science - Pre-Veterinary Science/Graduate School</u> | 40 | 50 | 0 | 90 | 45% | 1041 | 01.9999 | Any instructional program in agriculture, agricultural operations, and related sciences not listed above. |

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| <u>Agriculture</u> | 8 | 22 | 0 | 30 | 27% | 1011 | 01.0000 | Instructional programs that focus on agriculture and related sciences and that prepare individuals to apply specific knowledge, methods, and techniques to the management and performance of agricultural operations |

College of Environmental Design

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| Art History | 30 | 39 | 3-15 | 69 | 43% | 10031 | 50.0703 | A program that focuses on the study of the historical development of art as social and intellectual phenomenon, the analysis of works of art, and art conservation. Includes instruction in the theory of art, art history research methods, connoisseurship, the preservation and conservation of works of art, and the study of specific periods, cultures, styles, and themes. |

College of Engineering

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| Engineering - Materials Engineering Emphasis | 6 | 24 | 0 | 30 | 20% | 9011 | 14.0101 | A program that generally prepares individuals to apply mathematical and scientific principles to solve a wide variety of practical problems in industry, social organization, public works, and commerce. Includes instruction in undifferentiated and individualized programs in engineering |
| Engineering - Aerospace Engineering Emphasis | 6 | 24 | 0 | 30 | 20% | | | |
| Civil Engineering - Environmental and Water Resources Engineering | 3 | 27 | 0 | 30 | 10% | 9085 | 14.0805 | A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of systems for collecting, storing, moving, conserving and controlling surface- |

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| | | | | | | | | and groundwater, including water quality control, water cycle management, management of human and industrial water requirements, water delivery, and flood control. |
| <u>Civil Engineering - Geotechnical Engineering</u> | 3 | 27 | 0 | 30 | 10% | 9081 | 14.0801 | A program that generally prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of structural, load-bearing, material moving, transportation, water resource, and material control systems; and environmental safety measures. |
| <u>Civil Engineering - Construction Engineering and Management</u> | 3 | 27 | 0 | 30 | 10% | 9082 | 14.3301 | A program that prepares individuals to apply scientific, mathematical, and management principles to the planning, design, and building of facilities and structures. Includes instruction in civil engineering, structural principles, site analysis, computer-assisted design, geology, evaluation and testing, materials, contracting, project management, graphic communications, and applicable laws and |
| <u>Civil Engineering - Structural Engineering</u> | 3 | 27 | 0 | 30 | 10% | 9084 | 14.0803 | A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of materials and systems used in building load-bearing structures for various purposes and in different environments, including buildings, roads, rail lines, bridges, dams, conduits, offshore platforms and work stations, and other structural shells; and the analysis of structural problems such as, failure, fabrication, safety, and natural hazards |
| <u>Civil Engineering - Transportation Engineering</u> | 3 | 27 | 0 | 30 | 10% | 9083 | 14.0804 | A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of total systems for the physical movement of people, materials and information, |

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| | | | | | | | | including general network design and planning, facilities planning, site evaluation, transportation management systems, needs projections and analysis, and analysis of costs |
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College of Education and Integrative Studies

Undergraduate Programs

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| Gender, Ethnicity, and Multicultural Studies - GEMS | 12 | 48 | 12-21 | 60 | 20% | 22991 | 05.0299 | Any instructional program in ethnic, cultural minority, gender, and group studies not listed above |
| Gender, Ethnicity, and Multicultural Studies - Pre-Credential | 12 | 46 | 14-26 | 58 | 21% | | | |

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| Education -Educational Leadership | 6 | 24 | 0 | 30 | 20% | 8271 | 13.0401 | A program that focuses on the general principles and techniques of administering a wide variety of schools and other educational organizations and facilities, supervising educational personnel at the school or staff level, and that may prepare individuals as general administrators and supervisors |
| Education - Curriculum and Instruction | 6 | 24 | 0 | 30 | 20% | 8291 | 13.0301 | A program that focuses on the curriculum and related instructional processes and tools, and that may prepare individuals to serve as |

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| | | | | | | | | professional curriculum specialists. Includes instruction in curriculum theory, curriculum design and planning, instructional material design and evaluation, curriculum evaluation, and applications to specific subject matter, programs or educational levels. |
| Education – Educational Multimedia Design | 6 | 25 | 0 | 31 | 19% | 8011 | 13.0101 | A program that focuses on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education |
| Education – Special Educations | 6 | 24 | 0 | 30 | 20% | 8081 | 13.1001 | A general program that focuses on the design and provision of teaching and other educational services to children or adults with special learning needs or disabilities, and that may prepare individuals to function as special education teachers. Includes instruction in diagnosing learning disabilities, developing individual education plans, teaching and supervising special education students, special education counseling, and applicable laws and policies. |

College of Sciences

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| Kinesiology - General | 39 | 59 | 0-4 | 98 | 40% | 8351 | 31.0501 | A general program that focuses on activities and principles that promote physical fitness, achieve and maintain athletic prowess, and accomplish related research and service goals. Includes |
| Kinesiology - Pedagogical Kinesiology | 39 | 42 | 0-3 | 81 | 48% | | | |

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| | | | | | | | | instruction in human movement studies, motivation studies, rules and practice of specific sports, exercise and fitness principles and techniques, basic athletic injury prevention and treatment, and organizing and leading fitness and sports programs. |
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| Kinesiology | 15 | 15 | 0 | 30 | 50% | 8351 | 31.0501 | A general program that focuses on activities and principles that promote physical fitness, achieve and maintain athletic prowess, and accomplish related research and service goals. Includes instruction in human movement studies, motivation studies, rules and practice of specific sports, exercise and fitness principles and techniques, basic athletic injury prevention and treatment, and organizing and leading fitness and sports programs. |
| Mathematics | 6 | 24 | 0 | 30 | 20% | 17011 | 27.0101 | A general program that focuses on the analysis of quantities, magnitudes, forms, and their relationships, using symbolic logic and language. Includes instruction in algebra, calculus, functional analysis, geometry, number theory, logic, topology and other mathematical specializations. |

College of Letters, Arts, and Social Sciences

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| Communication - Interpersonal Communication | 12 | 36 | 33 | 48 | 25% | 6011 | 09.0101 | A program that focuses on the scientific, humanistic, and critical study of human communication in a variety of formats, media, and contexts. Includes instruction in the theory and practice of interpersonal, group, organizational, professional, and intercultural communication; speaking and listening; verbal and nonverbal interaction; rhetorical theory and criticism; performance studies; argumentation and persuasion; technologically mediated communication; popular culture; and various contextual applications. |
| Communication - Multimedia Journalism | 12 | 39 | 27 | 51 | 24% | | | |
| Communication- Organizational Communication | 12 | 36 | 33 | 48 | 25% | | | |
| Communication - Public Relations | 12 | 39 | 27 | 51 | 24% | | | |
| Economics - Applied Economics | 27 | 30 | 21 | 57 | 47% | 22041 | 45.0601 | A general program that focuses on the systematic study of the production, conservation and allocation of resources in conditions of scarcity, together with the organizational frameworks related to these processes. Includes instruction in economic theory, micro- and macroeconomics, comparative economic systems, money and banking systems, international economics, quantitative analytical methods, and applications to specific industries and public policy issues. |
| Economics - General Economics | 27 | 27 | 27 | 54 | 50% | | | |
| Economics - Quantitative Economics | 27 | 29 | 22 | 56 | 48% | | | |
| English - Applied Language | 12 | 51 | 6-21 | 63 | 19% | 15011 | 23.0101 | A general program that focuses on the English language, including its history, structure and related communications skills; and the literature and culture of English-speaking peoples. |
| English - English Education | 12 | 66 | 0-12 | 78 | 15% | | | |
| English - Literary Studies | 12 | 54 | 3-18 | 66 | 18% | | | |
| History - Pre-Credential | 27 | 78 | 0-3 | 105 | 26% | 22051 | 54.0101 | A program that focuses on the general study and interpretation of the past, including the gathering, recording, synthesizing and criticizing of evidence and theories about past events. Includes instruction in historiography; historical research methods; studies of specific periods, issues and cultures; and |
| History | 27 | 30 | 15-24 | 57 | 47% | | | |

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| | | | | | | | | applications to areas such as historic preservation, public policy, and records administration. |
| Philosophy - General | 18 | 27 | 27-33 | 45 | 40% | 15091 | 39.0101 | A program that focuses on ideas and their logical structure, including arguments and investigations about abstract and real phenomena. Includes instruction in logic, ethics, aesthetics, epistemology, metaphysics, symbolism, and history of philosophy, and applications to the theoretical foundations and methods of other disciplines |
| Philosophy - Law and Society | 18 | 30 | 24-33 | 48 | 38% | | | |
| Psychology | 25 | 34 | 12-20 | 59 | 42% | 20011 | 42.0101 | A general program that focuses on the scientific study of individual and collective behavior, the physical and environmental bases of behavior, and the analysis and treatment of behavior problems and disorders. Includes instruction in the principles of the various subfields of psychology, research methods, and psychological assessment and testing methods |
| Science, Technology, and Society | 24 | 49 | 0-27 | 73 | 33% | 49020 | 30.1501 | A program that focuses on the contemporary social and public policy ramifications of science and technology, the interrelationship of science and engineering with the public policy process, and the social and ethical dimensions of scientific and technological enterprises. |
| Spanish | 24 | 27 | 18-27 | 51 | 47% | 11051 | 16.0905 | A program that focuses on the Spanish language and related dialects. Includes instruction in philology; Modern Castilian; Latin American and regional Spanish dialects; and applications in business, science/technology, and other settings |
| Theatre - Acting | 20 | 48 | 4-18 | 68 | 29% | 10071 | 50.0501 | A program that focuses on the general study of dramatic works and their performance. Includes instruction in major works of dramatic literature, dramatic styles and types, and the principles of organizing and producing full live or filmed productions |
| Theatre - Dance Theatre | 20 | 40 | 12-21 | 60 | 33% | | | |
| Theatre - Design and Technical Production | 20 | 42 | 10-19 | 62 | 32% | | | |
| Theatre - General Theatre | 20 | 39 | 13-22 | 59 | 34% | | | |
| Theatre - Theatre in Education and Community Engagement | 20 | 42 | 10-19 | 62 | 32% | | | |

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| <u>English - Literary Studies</u> | 4 | 30 | | 34 | 12% | 15011 | 23.0101 | A general program that focuses on the English language, including its history, structure and related communications skills; and the literature and culture of English-speaking peoples. |
| <u>English - Rhetoric and Composition</u> | 4 | 27 | | 31 | 13% | | | |
| <u>English - Teaching English as a Second Language</u> | 4 | 27 | | 31 | 13% | | | |