

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>
Agricultural Science - Animal Science Emphasis	27	60	3	87	31%	1012	13.1301	A program that prepares individuals to teach vocational agricultural programs at various educational levels.
Agricultural Science - Plant Science Emphasis	27	60	3	87	31%	1012	13.1301	A program that prepares individuals to teach vocational agricultural programs at various educational levels.
Animal Science - Pre-Veterinary Science/Graduate School	40	50	0	90	45%	1041	01.9999	Any instructional program in agriculture, agricultural operations, and related sciences not listed above.

Graduate Programs

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Agriculture	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

Undergraduate Programs

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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

Graduate Programs

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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-

								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,

								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

								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

Undergraduate Programs

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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%			

								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

Undergraduate Programs

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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%			

								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%			