

FEBRUARY 2026

SUSTAINABILITY COURSE GUIDE



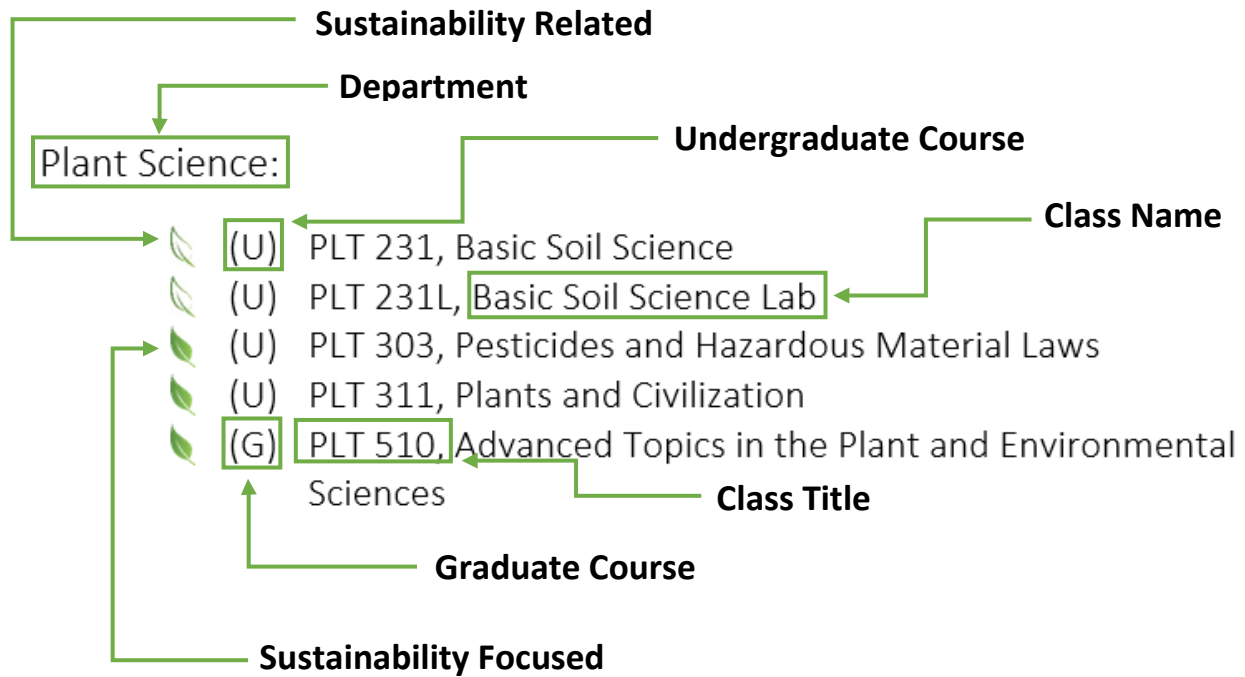
Understanding Sustainability

Sustainability draws on the integration of environmental health, social equity, and economic vitality in order to create thriving, healthy, diverse, and resilient communities for this generation and generations to come. The practice of sustainability recognizes how these issues are interconnected and what is required for a holistic systems approach that acknowledges the complexity of each community. While sustainability is a broad discipline, it gives students and graduates insights into many aspects of the human world from business and technology to environmental and social justice.

This course guide offers a list of the sustainable-focused and related classes that students can take at Cal Poly Pomona.



How-To Read the Guide




















College of Agriculture

Animal Health Science:

-  (U) AHS1104 Orientation and Careers in Animal Health Science
-  (U) AHS2210 Veterinary Office Procedures, Terminology and Law
-  (U) AHS2220 Clinical Nutrition
-  (U) AHS2220L Clinical Nutrition Laboratory
-  (U) AHS2410 Clinical Internship I
-  (U) AHS4450 Veterinary Economics & Hospital Management
-  (U) AVS1000 Orientation to Animal & Veterinary Sciences
-  (U) AVS1112 Food Animal Production
-  (U) AVS1113 Companion, Laboratory & Exotic Animal Care
-  (U) AVS1114L Food Animal Production Laboratory
-  (U) AVS1115L Companion Animal Management Laboratory
-  (U) AVS2010L Fundamentals of Animal Nutrition Laboratory
-  (U) AVS2101 Fundamentals of Animal Nutrition
-  (U) AVS2211 Drugs and Society
-  (U) AVS3311 Animal Industry and Society
-  (U) AVS3327 Meat Science
-  (U) AVS3327L Meat Science Laboratory
-  (U) AVS4473 Clinical Nutrition

Apparel Merchandising and Management:

-  (U) AM1010 Introduction to the Fashion Industry
-  (U) AM1080 Culture, People, & Dress
-  (U) AM1200 American Demographics & Lifestyles
-  (U) AM1600 Introduction to Textile Science
-  (U) AM1600L Introduction to Textile Science Laboratory

-  (U) AM2200 Introduction to Fashion Retailing
-  (U) AM2300 Integrated Fashion Communication
-  (U) AM2450 Consumerism: It's Impact & Issues
-  (U) AM2480 Focus on the Future: Leadership Skills for the 21st Century
-  (U) AM4680 Sustainable and Innovative Textiles
-  (U) AM4680L Sustainable and Innovative Textiles Laboratory
-  (U) AM4960 International Fashion Retailing
-  (U) AM4970A Fashion Retail Simulation Activity
-  (U) AMM1000 AMM First Year Experience
-  (U) AMM3920 Fashion Operations Management
-  (U) AMM4700 Fashion Store Planning & Category Management
-  (U) AMM4710 Apparel Wholesale Operations













Agribusiness & Food Industry Management and Agricultural Science:

-  (U) AG1010 Agriculture & The Modern World
-  (U) AG2010 Global Resources for Food
-  (U) AG2480 Focus on the Future: Leadership Skills for the 21st Century
-  (U) AG4010 Ethical Issues in Food, Agricultural & Apparel Industries
-  (U) AG4640 Development of Leadership Skills in Agriculture
-  (U) ABM2010 Agribusiness Organizations & Careers
-  (U) ABM3100 Sales & Professional Development for Agribusiness
-  (U) ABM3280 Agribusiness Enterprise Management
-  (U) ABM3290 Equine Enterprise Management
-  (U) ABM4020 Agribusiness Personnel Management
-  (U) ABM4130 Agricultural Law and Compliance
-  (U) ABM4410 Cooperative Education in Agribusiness I
-  (U) ABM4420 Cooperative Education in Agribusiness II
-  (U) ABM4500 Agricultural Water Resource Management
-  (U) ABM4900 Agribusiness Senior Feasibility Study
-  (U) ABM3130 Food & Agriculture Policy

















-  (U) AGS1000 Orientation to Agricultural Science
-  (U) AGS2500A Development of Competitive Events Activity
-  (U) AGS3000 Advocacy in Agricultural Science
-  (U) AGS4200 Agriculture Skills & Facilities
-  (U) AGS4200A Agriculture Skills & Facilities Activity
-  (U) AGS4300 Program Planning & Development
-  (U) AGS4400 Procedures in Agricultural Education
-  (U) AGS4400A Procedures in Agricultural Education Activity
-  (U) AGS4440 Early Field Experiences
-  (U) AGS4500 Field Practices & Supervision
-  (U) AGS4500A Field Practices & Supervision Activity
-  (U) AGS4700 Teaching Methods in Agriculture Systems Technology
-  (U) AGS4700L Teaching Methods in Agriculture Systems Technology Laboratory
-  (U) AGS5050 Youth & Adult Leadership Programs
-  (U) AGS5800 Ethical Applications in Agricultural Leadership

Nutrition and Food Science:







-  (U) FST1000 Orientation & Careers in Food Science & Technology
-  (U) FST1250 Introduction to Food Science & Technology
-  (U) FST3220 Food Laws & Regulations
-  (U) FST3250 Food Safety & Current Issues
-  (U) FST4240 Food Systems in Developing Nations I
-  (U) FST4250 Food Systems in Developing Nations II
-  (U) NTR1000 Introduction to the Nutrition Professions
-  (U) NTR1210 Introduction to Foods
-  (U) NTR1210L Introduction to Foods Laboratory
-  (U) NTR2030 Health, Nutrition & the Integrated Being
-  (U) NTR2050 Personal & Consumer Nutrition
-  (U) NTR2280 Food & Culture
-  (U) NTR2350L Nutrition

-  (U) NTR2350L Nutrition Laboratory
-  (U) NTR3050 Nutrition, Science & Health
-  (U) NTR3280A Nutrition Education & Hispanic Cultural Meal Patterns Activity
-  (U) NTR3280L Food & Culture Laboratory
-  (U) NTR3450 Nutrition Education & Counseling
-  (U) NTR3450A Nutrition Education & Counseling Activity
-  (U) NTR3450AS Nutrition Education & Counseling Activity Service Learning
-  (U) NTR3450S Nutrition Education & Counseling Service Learning
-  (U) NTR4260 Food Service Administration
-  (U) NTR5600 Clinical Practice I
-  (U) NTR5610 Clinical Practice II
-  (U) NTR6850 Nutrition in Sports and Exercise

Plant Science:



-  (U) PLT1000 Orientation to Plant Science
-  (U) PLT2020 Subtropical Fruits
-  (U) PLT2020L Subtropical Fruits Laboratory
-  (U) PLT2030 Pomology
-  (U) PLT2030L Pomology Laboratory
-  (U) PLT2110 Landscape Drafting & Design
-  (U) PLT2140 History of Garden Art
-  (U) PLT2200 Agronomic Principles & Practices
-  (U) PLT2200L Agronomic Principles & Practices Laboratory
-  (U) PLT2220 Culinary Produce Technology
-  (U) PLT2230 Forage & Pasture Crops
-  (U) PLT2230L Forage & Pasture Crops Laboratory
-  (U) PLT2260 Vegetable Crop Systems
-  (U) PLT2260L Vegetable Crop Systems Laboratory
-  (U) PLT2310 Basic Soil Science
-  (U) PLT2310L Basic Soil Science Laboratory

 (U) PLT2330	Introduction to Arthropods
 (U) PLT2330L	Introduction to Arthropods Laboratory
 (U) PLT2420	Plant Materials
 (U) PLT2420L	Plant Materials Laboratory
 (U) PLT2450	General Surveying
 (U) PLT2450L	General Surveying Laboratory
 (U) PLT2520	Computer Aided Design
 (U) PLT2520L	Computer Aided Design Laboratory
 (U) PLT2960	Technical Soils
 (U) PLT2960L	Technical Soils Laboratory
 (U) PLT2977	Farmers' Markets
 (U) PLT3000	Insects & Civilization
 (U) PLT3020	Technology Innovations in Plant Science
 (U) PLT3030	Pesticide Laws & Regulations
 (U) PLT3200	Agricultural Insect Pests
 (U) PLT3200L	Agricultural Insect Pests Laboratory
 (U) PLT3280	Arboriculture
 (U) PLT3280L	Arboriculture Laboratory
 (U) PLT3310	Weed Science
 (U) PLT3310L	Weed Science Laboratory
 (U) PLT3320	Soil Fertility and Fertilizers
 (U) PLT3320L	Soil Fertility and Fertilizers Laboratory
 (U) PLT3340	Soil Resource Management & Conservation
 (U) PLT3340L	Soil Resource Management & Conservation Laboratory
 (U) PLT3360	Bee Science
 (U) PLT3360L	Bee Science Laboratory
 (U) PLT3370	Native Plant Materials
 (U) PLT3370L	Native Plant Materials Laboratory
 (U) PLT3410	Sprinkler/Drip Irrigation


 (U) PLT3520	Soil Materials & Management
 (U) PLT3520L	Soil Materials & Management Laboratory
 (U) PLT3650	Sustainable Agriculture
 (U) PLT3650L	Sustainable Agriculture Laboratory
 (U) PLT3760	Introduction to Urban Agriculture
 (U) PLT4010	Crop Ecology
 (U) PLT4030	Viticulture
 (U) PLT4030L	Viticulture Laboratory
 (U) PLT4040	Plant Breeding
 (U) PLT4040L	Plant Breeding Laboratory
 (U) PLT4110	Environmental Toxicology
 (U) PLT4190	Plant Pathology
 (U) PLT4190L	Plant Pathology Laboratory
 (U) PLT4210	Production Mycology
 (U) PLT4210L	Production Mycology Laboratory
 (U) PLT4230	Diseases of Ornamentals & Agronomic Crops
 (U) PLT4230L	Diseases of Ornamentals & Agronomic Crops Laboratory
 (U) PLT4311	Plants & Civilization
 (U) PLT4430	Landscape Management Problem Solving
 (U) PLT4430L	Landscape Management Problem Solving Laboratory
 (U) PLT4450	Social and Scientific Aspects of Organic Agriculture
 (U) PLT4460	Advanced Irrigation and Runoff Water Management
 (U) PLT4460L	Advanced Irrigation & Runoff Water Management Laboratory
 (U) PLT4965	Sustainable Small-Scale Production
 (U) PLT4965L	Sustainable Small-Scale Production Laboratory
 (U) PLT4975	Urban Agriculture Policy & Community Development
 (U) PLT4975L	Urban Agriculture Policy & Community Development Laboratory
 (U) PLT4985	Urban Farm Business Models

College of Business Administration


Accounting:

-  (U) ACC4711 Governmental and Not-for-Profit Accounting
-  (U) EC4437 Accounting Ethics






Finance, Real Estate, and Law:

-  (U) FRL4013 Government Regulation of Business (Administrative Law and Regulation)

International Business and Marketing:






-  (U) IBM3162 Marketing Services
-  (U) IBM4141 International Marketing



























Management and Human Resources:

-  (U) MHR3030 Management of Not-for-Profit Organizations
-  (U) MHR4010 Business Ethics, Diversity and Social Responsibility
-  (U) MHR4030 Leading Organizational Transformations
-  (U) MRH4050 International Management
-  (U) MHR4440 Social Entrepreneurship



College of Education & Integrative Studies

Early Childhood Studies:









-  (U) ECS1000 Child Growth & Development
-  (U) ECS1100 Child, Family & Community
-  (U) ECS1200 Health, Safety & Nutrition for Early Childhood Education
-  (U) ECS2010 Early Childhood Observation & Assessment
-  (U) ECS2010S Early Childhood Observation & Assessment Activity

 (U) ECS2100	Early Childhood Clinical Practicum I
 (U) ECS2100A	Early Childhood Clinical Practicum I Activity
 (U) ECS2200	Principles & Practices of Teaching Young Children
 (U) ECS2300	Early Childhood Teaching in a Diverse Society
 (U) ECS2350	Introduction to Early Childhood Curriculum
 (U) ECS2400	Administration of Early Childhood Programs I
 (U) ECS2500	Administration of Early Childhood Programs II
 (U) ECS2600	Supervising Adults in Early Childhood Settings
 (U) ECS3100	Applied Infant/Toddler Studies
 (U) ECS3200	Applied Preschool/Primary Studies
 (U) ECS3300	Early Childhood Education Leadership & Social Justice
 (U) ECS3400	Language & Literacy in Multilingual Families & Communities
 (U) ECS3500	Contextual Approaches to Early Childhood Curriculum
 (U) ECS3600	Emergent Literacy in First & Second Language Acquisition
 (U) ECS3650	Early Childhood Leadership in the 21st Century
 (U) ECS3700	Early Childhood Assessment II
 (U) ECS3750	Curricular Approaches for Working with Infants & Toddlers
 (U) ECS3800	Early Childhood Physical Growth and Health
 (U) ECS3850	Relationship-Based Approaches in Home & Community Settings
 (U) ECS3900	STEAM: Early Childhood Project Approach to Integrated Learning
 (U) ECS4010	Dynamics of Early Childhood Play
 (U) ECS4100	Early Childhood Clinical Practicum II
 (U) ECS4100A	Early Childhood Clinical Practicum II Activity
 (U) ECS4200	Numeracy & Inquiry in Multilingual Contexts
 (U) ECS4300	Working with Exceptional Children & their Families
 (U) ECS4600	Programs & Policies for Infant, Toddlers & Their Families

Education:

 (U) ECS4700	Infant/Toddler, Family & Program Perspectives in Intervention
 (U) EDU5010	Foundations of Teaching & Learning

- 🍃 (U) EDU5020 Foundations of Education in a Diverse Society
- 🍃 (U) EDU5030 Introduction to Professional Work in Schools
- 🍃 (U) EDU5105 Language Arts, Second Language Acquisition, & Children's Literature
- 🍃 (U) EDU5110 Theory & Practice in Mathematics Education
- 🍃 (U) EDU5115 Theory & Practice in Science & Health Education
- 🍃 (U) EDU5120 Theory & Practice in Teaching Elementary Social Sciences
- 🍃 (U) EDU5125 Theory & Practice in Elementary Movement, Visual, Performing Arts Education
- 🍃 (U) EDU5150 Novice Clinical Practice for Elementary Teachers
- 🍃 (U) EDU5180 Teaching Performance Assessment for Elementary Teachers
- 🍃 (U) EDU5190 Seminar in Teacher Preparation Issues
- 🍃 (U) EDU5220 Building Relationships with Youth, Families, & Communities
- 🍃 (U) EDU5302 Educating Students with Disabilities in Diverse Settings
- 🍃 (U) EDU5310 Characteristics of & Instructional Strategies for Students with Mild/Moderate Disabilities
- 🍃 (U) EDU5312 Characteristics of & Instructional Strategies for Students with Moderate/Severe Disabilities
- 🍃 (U) EDU5320 Transition Planning Through Family & Professional Collaboration
- 🍃 (U) EDU5322 Law, Ethics, and Research in Special Education
- 🍃 (U) EDU5332 Positive Classroom and Behavior Management
- 🍃 (U) EDU5350 Professional Induction and Directed Inquiry
- 🍃 (U) EDU5358 Diversity in Special Education
- 🍃 (U) EDU5360 Emotional and Behavioral Disorders: Characteristics & Educational Interventions
- 🍃 (U) EDU5370 Role of the Education Specialist in the 21st Century
- 🍃 (U) EDU5400 Teaching & Learning in Spanish-English Bilingual Settings
- 🍃 (U) EDU5450 Bilingual Practice Seminar
- 🍃 (U) ECI5100 Introduction to Design-Based Learning
- 🍃 (U) ECI5110 Design-Based Learning as a Process
- 🍃 (U) ECI5120 Long-Range Planning Strategies

-  (U) ECI5130 The Classroom & the Environment
-  (U) ECI5140 Developing a Cumulative Curriculum Presentation
-  (U) ECI5150 Teaching Creative Thinking
-  (U) ECI5160 Strategies for Integrated Long-Range Curriculum Planning for K-12
-  (U) ECI5200 Literacy Assessment and Application to Instruction
-  (U) ECI5210 Expertise in Cultural and Socio-Psycholinguistics of Language & Literacy Acquisition
-  (U) ECI5220 Planning for Literacy Clinics in Diverse Settings
-  (U) ECI5230 School-Wide Literacy Programs: Leadership & Development
-  (U) ECI5240 Critical Literacy in Children's and Adolescent Literature
-  (U) ECI5260 Advanced Professional Competencies
-  (U) ECI5270 Integrating the Curriculum through Clinical Experiences
-  (U) ECI5280 Planning, Organizing, Providing & Leading Literacy Instruction
-  (U) ECI5500 Expertise in Curriculum and Instruction
-  (U) ECI5510 Diversity & Cultural Perspectives
-  (U) ECI5520 Application of Knowledge to Instructional Models
-  (U) ECI5530 Leadership in Multicultural Communities of Learners
-  (U) ECI5562 Project-Based Learning: Theory and Design
-  (U) EMM5100 Foundations of Educational Multimedia Design
-  (U) EMM5100L Foundations of Educational Multimedia Design Laboratory
-  (U) EMM5120 Game Design for Educators
-  (U) EMM5120L Game Design for Educators Laboratory
-  (U) EMM5130 Mobile Tech in Education
-  (U) EMM5130L Mobile Tech in Education Laboratory
-  (U) EMM5140 Culture-Inclusive Digital Storytelling
-  (U) EMM5140L Culture-Inclusive Digital Storytelling Laboratory
-  (U) EMM5200 Educational Website Design & Development
-  (U) EMM5200L Educational Website Design & Development Laboratory
-  (U) EMM5400 Instructional Design for eLearning
-  (U) EMM5400L Instructional Design for eLearning Laboratory

- 🌱 (U) EMM5500 Intermediate Educational Website Development
- 🌱 (U) EMM5500L Intermediate Educational Website Development Laboratory
- 🌱 (U) EMM5510 Advanced Educational Web-Programming
- 🌱 (U) EMM5510L Advanced Educational Web-Programming Laboratory
- 🌱 (U) EMM5600 Design and Production of Educational Multimedia
- 🌱 (U) EMM5600L Design and Production of Educational Multimedia Laboratory
- 🌱 (U) EMM5900 Project Management for Instructional Design
- 🌱 (U) EMM5900L Project Management for Instructional Design Laboratory
- 🌱 (G) ERA5900 Introduction to Graduate Studies
- 🌱 (G) ERA6930 Evaluating, Understanding, & Using Research Methodology
- 🌱 (G) ERA6970 MA Comprehensive Exam

Educational Leadership:

- 🌱 (G) EDL5320 Professional Credential Induction Plan: Assessing for Improved Leadership
- 🌱 (G) EDL5340 Practicum I Literacy and Instructional Excellence
- 🌱 (G) EDL5360 Practicum II Leadership in Challenging Political & Economic Times
- 🌱 (G) EDL5370 Practicum III Legal Aspects for Safe & Effective Schools
- 🌱 (G) EDL5460 Theory & Practice I; Visionary and Instructional Leadership
- 🌱 (G) EDL5470 Theory & Practice II; School Improvement Leadership
- 🌱 (G) EDL5480 Theory & Practice III; Community Leadership
- 🌱 (G) EDL5490 Learning to Lead Content Module I; Professional Learning & Growth
- 🌱 (G) EDL5510 Fieldwork I
- 🌱 (G) EDL5520 Fieldwork II
- 🌱 (G) EDL5530 Schoolwide Change Initiative & Candidate Assessment
- 🌱 (G) EDD7000 Leadership for Learning
- 🌱 (G) EDD7010 Research Learning Community Seminar: Introduction to Doctoral Studies & Dissertation Research
- 🌱 (G) EDD7020 Leading & Learning with Technology
- 🌱 (G) EDD7020L Leading & Learning with Technology Laboratory

- 🌱 (G) EDD7030 Quantitative Research Methods for School Improvement
- 🌱 (G) EDD7040 Organizational Culture & Institutional Change
- 🌱 (G) EDD7060 Qualitative Methods for School Improvement
- 🌱 (G) EDD7070 Education Policy, Systemic Reform, & Social Justice
- 🌱 (G) EDD7080 Building School/Community Partnerships for Student Success
- 🌱 (G) EDD7090 Maximizing Fiscal & Human Resources for Student Success
- 🌱 (G) EDD7120 Creating the Conditions for Student Success
- 🌱 (G) EDD7140 Leadership for Equity and Advocacy
- 🌱 (G) EDD7160 Synthesizing Key Concepts of Ethics, Equity, & Social Justice for Transformational Leadership
- 🌱 (G) EDD7170 Global Perspectives on Educational Leadership, Achievement, & Equity





Ethnic and Women's Studies:

- 🌱 (U) EWS1020 Engaged Education: Integrating Knowledge, Learning & Success
- 🌱 (U) EWS1400 Introduction to Ethnic Studies
- 🌱 (U) EWS1450 Introduction to Gender Studies
- 🌱 (U) EWS2010 African American Historical Experience
- 🌱 (U) EWS2020 Chicana/o and Latina/o Historical Experience
- 🌱 (U) EWS2030 Native American Historical Experience
- 🌱 (U) EWS2040 Asian/Pacific Islander American Historical Experience
- 🌱 (U) EWS2800S Service Learning and Community Engagement Service Learning
- 🌱 (U) EWS2900 Multicultural Leadership
- 🌱 (U) EWS3010 Ethnic Identity
- 🌱 (U) EWS3300 Ethnicity & Families
- 🌱 (U) EWS3450 Labor, Race & Gender Studies
- 🌱 (U) EWS3500 Immigration, Race & Gender Studies
- 🌱 (U) EWS3600 Cultures of Childhood
- 🌱 (U) EWS3700 Race, Gender & the Law/Public Policies
- 🌱 (U) EWS3750 Gender, Ethnicity, and Film











- 🌱 (U) EWS3800 Women in Global Perspective
- 🌱 (U) EWS3850 Education & Social Change
- 🌱 (U) EWS3900 U.S. Women of Color
- 🌱 (U) EWS3950 Methods in Gender & Ethnic Studies
- 🌱 (U) EWS4010 Contemporary African American Studies
- 🌱 (U) EWS4020 Contemporary Chicana/o & Latina/o Studies
- 🌱 (U) EWS4030 Contemporary Native American Studies
- 🌱 (U) EWS4070 Diverse Gender & Sexual Identities
- 🌱 (U) EWS4100 Art, Community, & Social Change
- 🌱 (U) EWS4110 Diversity, Education & Applied Arts
- 🌱 (U) EWS4200 Critical Theories in Gender & Ethnic Studies
- 🌱 (U) EWS4250 Gender, Identity & Technology
- 🌱 (U) EWS4310 Ethnicity, Gender & Religion/Spirituality
- 🌱 (U) EWS4400 Feminist & Queer Theories
- 🌱 (U) EWS4430 Women, Health, & Body Politics
- 🌱 (U) EWS4450 Multiethnic Heritage of California
- 🌱 (U) EWS4500 Multiracial & Hybrid Identities
- 🌱 (U) EWS4510 Diaspora Studies
- 🌱 (U) EWS4520 Ethnicity, Race, & Sexuality
- 🌱 (U) EWS4550 Cross-Cultural Field Experience
- 🌱 (U) EWS4610 Capstone Senior Project
- 🌱 (U) EWS4750 Communities & Culture
- 🌱 (U) EWS4850 Social Movements and Resistance

Interdisciplinary General Education:

- 🌱 (U) IGE1020 Engaged Education: Integrating Knowledge, Learning & Success
- 🌱 (U) IGE1100 Consciousness & Community
- 🌱 (U) IGE1100S Consciousness & Community - Service Learning
- 🌱 (U) IGE2100 Empires, States, & Peoples: Cultural Contact & Exchange
- 🌱 (U) IGE2200 Encountering Difference: Culture & Power

-  (U) IGE2300 Ways of Doing: Culture, Society, & the Sciences
-  (U) IGE2400 Ways of Living: Local, Global, & Universal Challenges
-  (U) IGE3200 Visions of Science & Technology
-  (U) IGE3500 The Creative Process: Theory & Practice

Liberal Studies:

-  (U) LS1020 Integrating Knowledge, Learning, & Engagement for Success
-  (U) LS2011 History and Purposes of the Liberal Arts: What is a Liberal Studies Mindset?
-  (U) LS3011 Knowledge and Knowing in the Liberal Arts
-  (U) LS3021 The Humanities & the Liberal Arts
-  (U) LS3031 The Social Sciences & the Liberal Arts
-  (U) LS3041 The Natural Sciences & the Liberal Arts
-  (U) LS4011 Liberal Studies Special Topics in Humanities, Social Science or Natural Sciences
-  (U) LS4211 Arts Integration II
-  (U) LS4601S Liberal Studies Synthesis Interdisciplinary Perspective on Contemporary Public Education - Service Learning Liberal
-  (U) LS4611 Studies Senior Capstone – Activating the Liberal Studies Mindset










College of Engineering

Aerospace Engineering:




















-  (U) ARO2011L Fundamentals of Systems Engineering & Design Laboratory


Chemical and Materials Engineering:

-  (U) CHE3121 Transport Phenomena II



-  (U) CHE4251 Unit Operations and Pollution Abatement
-  (U) CHE4321 Chemical Safety and Hazardous Materials Management
-  (U) CHE4451 Chemical Process Synthesis and Design II
-  (U) CHE4451L Chemical Process Synthesis and Design II Laboratory
-  (U) MTE 4010 Corrosion and Materials Degradation
-  (U) MTE 4010L Corrosion and Materials Degradation Laboratory
-  (U) MTE 4220 Fracture and Failure Analysis
-  (U) MTE 5550 Advanced Corrosion and Environmental Degradation
-  (U) MTE 6300 Materials for Energy Applications

Civil Engineering:




-  (U) CE 2021 Infrastructure Economics and Public Policy
-  (U) CE2030 Civil Engineering Materials
-  (U) CE2030L Civil Engineering Materials Laboratory
-  (U) CE3121 Building Systems
-  (U) CE3201 Environmental Engineering
-  (U) CE3201L Environmental Engineering Laboratory
-  (U) CE3211 Water Resources Engineering
-  (U) CE3401 Geotechnical Engineering
-  (U) CE3401L Geotechnical Engineering Laboratory
-  (U) CE4031 Sustainable Buildings and Infrastructure
-  (U) CE4201 Water and Wastewater Engineering
-  (U) CE4201L Water and Wastewater Engineering
-  (U) CE4211 Laboratory
-  (U) CE4220 Applied Hydrology
-  (U) CE4220L Solid and Hazardous Waste Engineering
-  (U) CE4231 Solid and Hazardous Waste Engineering
-  (U) CE4241 Laboratory
-  (U) CE4261 Water Reclamation and Desalination
-  (U) CE4271 Environmental Remediation

 (U)	CE4281	River Mechanics
 (U/G)	CE5161	Underground Construction & Trenchless Technology
 (U/G)	CE5201	Environmental Chemistry
 (U/G)	CE5211	Applied Hydrology
 (U/G)	CE5220	Solid and Hazardous Waste Engineering
 (U/G)	CE5241	Environmental Remediation
 (U/G)	CE5261	Air Quality Engineering
 (U/G)	CE5271	Unit Operations & Processes in Environmental Engineering
 (U/G)	CE5280	River Mechanics
 (G)	CE5290	Global Climate & Water Supply
 (G)	CE5310	GIS Applications in Civil Engineering
 (U/G)	CE5400	Advanced Soil Mechanics I
 (U/G)	CE5491	Street Maintenance, Rehabilitation & Management
 (G)	CE6200	Environmental Water Resources Seminar
 (G)	CE6250	Advanced Water Treatment
 (G)	CE6260	Advanced Wastewater Treatment
 (G)	CE6640	Transportation Administration & Policy

Electrical and Computer Engineering:

 (U)	ECE4875	Wind and Solar Power Systems
 (U)	ECE5700	Smart Grid in Power Systems

Electro-Mechanical Engineering Technology:








 (U)	ETM3341	Heating Ventilation & Air Conditioning I
 (U)	ETM4151	Renewable Energy Systems
 (U)	ETM4191	Applied Thermodynamics

Industrial and Manufacturing Engineering:

 (U)	EMT5390	Advanced Human Factors in Engineering Design
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-  (U) EMT5730 Advanced Operations Planning and Control
-  (U) EMT5740 Advanced Facilities Planning
-  (U) IME4020 Ethical Concepts in Technology and Applied Science
-  (U) IE2250 Fundamentals of Human Factors Engineering
-  (U) IE2250L Fundamentals of Human Factors Engineering Laboratory
-  (U) IE4360 Operations Planning and Control
-  (U) IE4360L Operations Planning and Control Laboratory
-  (U) SE5150 System Sustainability
-  (U) SE5220 Supply Chain Management in Production Systems

Mechanical Engineering:

-  (U) ME2331L Introduction to Design Laboratory
-  (U) ME3070 Alternative Energy Systems
-  (U) ME4180 Air Conditioning
-  (U) ME4180L Air Conditioning Laboratory
-  (U) ME4441 Air Pollution Formation and Control
-  (G) ME5900 Solar Energy Systems
-  (G) ME5910 Direct Energy Conversion














College of Environmental Design

Architecture:

-  (U) ARC2010 Introduction to Sustainable Architectural Design
-  (U) ARC2011L Second Year Design 1 Laboratory
-  (G) ARC5020 Introduction to Sustainable Architectural Design
-  (G) INA5110 Interior Architecture Studio A
-  (U/G) ARC4310 Sustainable Technology

 (U/G)	ARC4320	High Performance Design
 (U/G)	ARC4340	Tools for Sustainability
 (U/G)	ARC4360	Advanced Sustainable Design
 (U/G)	ARC4370	Carbon Neutral Architectural Design
 (U/G)	ARC4670	California Architecture
 (U/G)	ARC4870	Healthcare Architecture, Planning and Design
 (U/G)	ARC4880	Healthcare Facility Design and Sustainability
 (U/G)	ARC3310	Environmental Controls Systems 1
 (U/G)	ARC3312	Environmental Controls Systems 1 Discussion
 (U/G)	ARC3320	Environmental Controls 2
 (U/G)	ARC3322	Environmental Controls 2 Discussion
 (U/G)	ARC3420	Building Construction 2
 (U/G)	ARC3422	Building Construction 2 Discussion

Landscape Architecture:

 (G)	INA6130	Ecology of Design
 (G)	LA5772	Graduate Environmental Design Theory
 (U)	LA1771	Reading and Representing the Landscape
 (U)	LA2121L	Design IV: Ecology + Design Laboratory
 (U)	LA2261	History I: History of Landscape Design
 (U)	LA2441	Plant Ecology and Design I
 (U)	LA2451	Plant Ecology and Design II
 (U)	LA3111L	Design V: Landscape Systems Lab
 (U)	LA3581	Geodesign Fundamentals for Environmental Designers
 (U)	LA3611	Construction I: Site Engineering and Landscape Construction
 (U)	LA3621	Construction II: Methods and Materials and Measuring
 (U)	LA4111L	Design VII: Advanced Landscape Architecture Laboratory
 (U)	LA4781	Urban Green Infrastructure
 (U)	LA4782	Evolving Issues in Environmental Design


- 🌱 (U) LA4811L Design VII: Advanced International Landscape Architecture
 Methods Laboratory
- 🌱 (U) LA6441 Plants and Ecology
- 🌱 (U) LA6451 Coupled Human and Natural Systems

John T. Lyle Center of Regenerative Studies:

- 🌱 (G) RS5100 Regenerative Concepts and Applications
- 🌱 (G) RS5150 Regenerative Social Practices
- 🌱 (G) RS5170L Community Practice Laboratory
- 🌱 (G) RS5200 Nature as Model
- 🌱 (G) RS5250 Scientific Foundations in Regeneration
- 🌱 (G) RS5300 Regenerative Technology
- 🌱 (G) RS5350 Regenerative Environments
- 🌱 (G) RS5400 Coalition Building
- 🌱 (U) RS1110 Introduction to Regenerative Studies
- 🌱 (U) RS3010 Life Support Processes
- 🌱 (U) RS3020 Global Regenerative Systems
- 🌱 (U) RS3030 Organization for Regenerative Practices
- 🌱 (U) RS4140 Current Applications in Regenerative Studies
- 🌱 (U) RS4140L Current Applications in Regenerative Studies Laboratory
- 🌱 (U) RS4200 Watershed Restoration
- 🌱 (U) RS4200L Watershed Restoration Laboratory
- 🌱 (U) RS4300 Solar Energy Systems
- 🌱 (U) RS4300L Solar Energy Systems Laboratory
- 🌱 (U) RS4500 Sustainable Communities
- 🌱 (U) RS4650 Ecological Patterns and Processes
- 🌱 (U) RS5500 Seminar in Research Methods
- 🌱 (U) RS6100 Methods and Applications in Regenerative Studies
- 🌱 (U) RS6100L Methods and Applications in Regenerative Studies Laboratory










Urban and Regional Planning:

 (U/G)	URP4200	Methods of Engagement; Participation, Negotiation, Mediation
 (U/G)	URP4200A	Methods of Engagement; Participation, Negotiation, Mediation Activity
 (U/G)	URP4210	Planning Advocacy, Community Organizing & Social Change
 (U/G)	URP4210A	Planning Advocacy, Community Organizing & Social Change Activity
 (U/G)	URP4370	Planning for Infrastructure
 (U/G)	URP4510	Land Use and Urban Design Policy
 (U/G)	URP4510A	Land Use and Urban Design Policy Activity
 (U/G)	URP4660	Environmental Assessment
 (U/G)	URP4760	International Planning
 (U/G)	URP5350	Regional Transportation Policy and Planning
 (U/G)	URP5660	Environmental Assessment
 (U)	URP1050	Social Justice in Planning
 (U)	URP3010	Introduction to Urban Planning
 (U)	URP3370	Urban Systems Infrastructure
 (U)	URP3370L	Urban Systems Infrastructure Laboratory
 (U)	URP3380	Urban Systems - Climate Change and Environment
 (U)	URP3510	Planning and Land Use Law
 (U)	URP3510A	Planning and Land Use Law Activity
 (U)	URP4220	The Just City
 (U)	URP4240	Public Participation
 (U)	URP4320	Community Planning Studio
 (U)	URP4320L	Community Planning Studio Laboratory
 (U)	URP4330	Affordable Housing Seminar
 (U)	URP4340	Community Development and Housing
 (U)	URP4340A	Community Development and Housing Activity
 (U)	URP4750	Planning in a Global Economy
 (U)	URP4820	California Water
 (U)	URP5060	Land Use Planning Law and Intergovernmental Relations







-  (U) URP5070 Planning for Environmental Sustainability
-  (U) URP5120 Planning Ideas and Actions
-  (U) URP5400 Planning for Community Change
-  (U) URP5400L Planning for Community Change Laboratory
-  (U) URP6430 Leadership and Ethics Seminar
-  (G) URP4870 Environmental Policy
-  (G) URP4880 Local Transportation
-  (G) URP4880L Local Transportation Laboratory
-  (G) URP4910 Planning for Climate Change
-  (G) URP4910A Planning for Climate Change Activity
-  (G) URP5340 Urban Housing and Community Development
-  (G) URP5340A Urban Housing and Community Development Activity
-  (G) URP5370 Environmental Policy
-  (G) URP5430 Methods in Leadership and Entrepreneurship
-  (G) URP5430A Methods in Leadership and Entrepreneurship Activity

College of Letters, Arts, & Social Sciences















Communication:

-  (U) COM1103 Interpersonal Communication
-  (U) COM2216 Report Writing
-  (U) COM2217 Reporting
-  (U) COM2231 Digital Photo
-  (U) COM2232 Photojournalism
-  (U) COM2237 Group Discussion
-  (U) COM2270 Media, Politics, Sex, and Violence
-  (U) COM3301 Videography
-  (U) COM3310 Data Journalism

- 🌱 (U) COM3312 Magazine Journalism
- 🌱 (U) COM3313 Public Relations Principles
- 🌱 (U) COM3314 Organizational Communication
- 🌱 (U) COM3316 Communication Research
- 🌱 (U) COM3319 Public Relations Writing
- 🌱 (U) COM3321 Advanced Organization Communication
- 🌱 (U) COM3325 Persuasion
- 🌱 (U) COM3326 Nonverbal Communication
- 🌱 (U) COM3327 Intercultural Communication
- 🌱 (U) COM3328 Diversity and Communication
- 🌱 (U) COM3340 Professional Writing and Speaking
- 🌱 (U) COM3351A Newspaper Practices Activity
- 🌱 (U) COM3352A Magazine Practices Activity
- 🌱 (U) COM3354A Video Practices Activity
- 🌱 (U) COM3360 Communication Law and Ethics
- 🌱 (U) COM4140 Public Relations Case Studies
- 🌱 (U) COM4150 Public Relations Campaigns
- 🌱 (U) COM4166 Advanced Communication Research
- 🌱 (U) COM4170 Public Affairs Reporting
- 🌱 (U) COM4180 Investigative Journalism
- 🌱 (U) COM4190 Documentary Journalism
- 🌱 (U) COM4222 Crisis Communication
- 🌱 (U) COM4233 Political Economy of Mass Communication
- 🌱 (U) COM4244 Organizational Communication and Technology
- 🌱 (U) COM4403 Advanced Interpersonal Communication
- 🌱 (U) COM4404 Gender and Communication
- 🌱 (U) COM4405 Family Communication
- 🌱 (U) COM4406 Communication: The Dark Side
- 🌱 (U) COM4409 Negotiation and Conflict Resolution
- 🌱 (U) COM4411 Applied Communication Internship


































-  (U) COM4413 Public Opinion, Propaganda, and Mass Media
-  (U) COM4440 Communication Training and Development
-  (U) COM4447 Political Communication
-  (U) COM4448 Media Criticism
-  (U) COM4465 Online and Social Media
-  (U) COM4620 Journalism Capstone


Economics:













-  (U) EC1100 Contemporary Economic Issue
-  (U) EC4408 Money and Banking
-  (U) EC4430 Economic Development
-  (U) EC4431 Public Finance
-  (U) EC4432 Urban Economics
-  (U) EC4433 Labor Economics
-  (U) EC4435 Environmental Economics
-  (U) EC4437 Natural Resource Economics
-  (U) EC6630 Advanced Environmental Economics
-  (U) EC6631 Advanced Natural Resource Economics
-  (U) EC6654 International Finance
-  (U) EC6655 International Trade
-  (U) EC6656 Capital Markets I
-  (U) EC6657 Capital Markets II

English and Modern Languages:


















-  (U) CHN1111 Elementary Chinese I
-  (U) CHN1112 Elementary Chinese II
-  (U) CHN2111 Intermediate Chinese I
-  (U) CHN2112 Intermediate Chinese II
-  (U) CHN2113 Intermediate Chinese III
-  (U) CHN3410 Chinese Civilization and Culture































 (U) ENG1100	Stretch Composition I
 (U) ENG1101A	Stretch Composition I Activity
 (U) ENG1101	Stretch Composition II
 (U) ENG1101A	Stretch Composition II Activity
 (U) ENG1103	First Year Composition
 (U) ENG1103A	First Year Composition Activity
 (U) ENG2105	Written Reasoning
 (U) ENG2130	Practicum in Tutoring English
 (U) ENG2200	Introduction to English Linguistics
 (U) ENG2150	Multimodal Literacy
 (U) ENG2882	War and Peace in Literature
 (U) ENG2883	Women Writers
 (U) ENG3010	Introduction to Literary Theory
 (U) ENG3110	Introduction to Rhetorical Theory
 (U) ENG3120	Professional Editing
 (U) ENG3141	Creative Writing
 (U) ENG3142	Creative Non-Fiction
 (U) ENG3150	Advanced Expository Writing
 (U) ENG3151	Writing for the Professions
 (U) ENG3152	Literacy, Language, and Cultural Practices
 (U) ENG3153	Theory to Practice in Student Literacy
 (U) ENG3210	The Grammar of Modern English
 (U) ENG3211	Structure of Language
 (U) ENG3212	Language Acquisition
 (U) ENG4150	Multimedia Practicum
 (U) ENG4211	Fundamentals of Syntax
 (U) ENG4220	Language in Society
 (U) ENG4221	Analysis of Conversation
 (U) ENG4222	Applied Pragmatics
 (U) ENG4400A	Writing for the Web Activity
 (U) ENG4401A	Journal Publishing Activity
 (U) ENG4402	Undergraduate Research
 (U) ENG4410	Internship Cooperative Education







-  (U) ENG5100 History of Rhetoric
 -  (G) ENG5110 Theory and Practice of Modern Rhetoric
 -  (G) ENG5130 Teaching Writing
 -  (G) ENG5131 Pedagogies of Reading
 -  (G) ENG5150 Writing in the Disciplines
 -  (G) ENG5151 Rhetoric and Poetics
 -  (G) ENG5152 Digital Rhetoric and Literacy
 -  (G) ENG5180 Emerging Issues in Rhetoric and Composition
 -  (G) ENG5230 Introduction to TESOL
 -  (G) ENG5231 Grammar for TESOL
 -  (G) ENG5232 Teaching ESL Composition
 -  (G) ENG5233 Teaching American English Production
 -  (G) ENG5234 Second Language Acquisition
 -  (G) ENG5235 Practicum in Teaching ESL
 -  (G) ENG5280 Emerging Issues in Linguistics
 -  (G) ENG5760 Exile and Diaspora in World Literature
 -  (G) ENG5761 Studies in Nobel Prize Literature
 -  (U) ENG5880 Emerging Issues in Literature
-
-  (U) FRE1111 Elementary French I
 -  (U) FRE1112 Elementary French II
 -  (U) FRE2111 Intermediate French
 -  (U) FRE2112 Intermediate French Reading
 -  (U) FRE2113 Intermediate French Composition and Conversation
 -  (U) FRE3410 French Civilization
 -  (U) FRE3420 Contemporary France
 -  (U) GER1111 Elementary German I
 -  (U) GER1112 Elementary German II
 -  (U) GER2111 Intermediate German I
 -  (U) GER2113 Intermediate German Composition and Conversation
 -  (U) GER3410 German Civilization
 -  (U) SPN1111 Elementary Spanish I
 -  (U) SPN1112 Elementary Spanish II
 -  (U) SPN1120 Introduction to the Spanish-Speaking World

-  (U) SPN2111 Intermediate Spanish I
-  (U) SPN2112 Intermediate Spanish II
-  (U) SPN2120 Spanish for Spanish Speakers II
-  (U) SPN2130 Spanish Intermediate Composition
-  (U) SPN2140 Intermediate Spanish Conversation
-  (U) SPN3110 Advanced Spanish Writing and Academic Speech
-  (U) SPN3120 Introduction to Translation and Interpretation
-  (U) SPN3130 Business Spanish
-  (U) SPN3410 Spanish Civilization
-  (U) SPN3420 Latin American Civilization
-  (U) SPN4210 Spanish for Teachers
-  (U) SPN4330 Gender in Hispanic Texts





Geography and Anthropology:

-  (U) ANT1010 Introduction to Biological Anthropology
-  (U) ANT1020 Introduction to Cultural Anthropology
-  (U) ANT1120 World Cultures via the Internet
-  (U) ANT2010 Human Nature/Human Affairs: A Biocultural Perspective
-  (U) ANT3400 Comparative Primatology
-  (U) ANT3400L Comparative Primatology Laboratory
-  (U) ANT3450 Human Evolution and Diversity
-  (U) ANT3450L Human Evolution and Diversity Laboratory
-  (U) ANT3500 Environment, Technology, and Culture
-  (U) ANT3520 Anthropology of Globalization and Development
-  (U) ANT3530 Language and Culture
-  (U) ANT3570 Health Systems Past and Present
-  (U) ANT3580 Social Anthropology
-  (U) ANT3790 Culture Area of the World
-  (U) ANT3970 Cultural Resource Management
-  (U) ANT4050 Anthropology of Gender
-  (U) ANT4180 Business Anthropology

 (U) ANT4910	Forensic Anthropology
 (U) GEO1000	World Regional Geography
 (U) GEO1010	Physical Geography
 (U) GEO1010L	Physical Geography Lab
 (U) GEO1020	Human Geography
 (U) GEO2400	Geographic Information Systems
 (U) GEO2400L	Geographic Information Systems Lab
 (U) GEO3030	Climatology
 (U) GEO3050	Advanced Physical Geography
 (U) GEO3050L	Advanced Physical Geography Laboratory
 (U) GEO3070	Climate Change
 (U) GEO3070L	Climate Change Laboratory
 (U) GEO3080	Biogeography
 (U) GEO3080L	Biogeography Lab
 (U) GEO3090	Introduction to Field Geography
 (U) GEO3090L	Introduction to Field Geography Laboratory
 (U) GEO3100	Cultural Geography
 (U) GEO3120	Economic Geography
 (U) GEO3130	Legal and Political Geography
 (U) GEO3150	Urban Geography
 (U) GEO3220	GIS Programming and Application
 (U) GEO3220L	GIS Programming and Application Laboratory
 (U) GEO3300	Environmental Geography
 (U) GEO3300L	Environmental Geography Laboratory
 (U) GEO3450	Tourism in a Globalizing World
 (U) GEO3500	Geography of United States and Canada
 (U) GEO3510	Geography of California
 (U) GEO3520	Geography of Latin America
 (U) GEO3570	Geography of Asia
 (U) GEO3580	Geography of Africa




-  (U) GEO3590 Europe: Land and People
-  (U) GEO4050 Geodemographics with GIS Lecture
-  (U) GEO4050L Geodemographics with GIS Laboratory
-  (U) GEO4090 Applied Cultural Geography
-  (U) GEO4100 Remote Sensing of the Environment
-  (U) GEO4100L Remote Sensing of the Environment Laboratory
-  (U) GEO4130 Environmental Law
-  (U) GEO4350 Parks and Protected Areas
-  (U) GEO4400 Advanced GIS
-  (U) GEO4400L Advanced GIS Laboratory
-  (U) GEO4410 Internship in Geo-technology and Environmental Applications
-  (U) GEO4450 Environmental Modeling with GIS
-  (U) GEO4450L Environmental Modeling with GIS Laboratory

History:
































-  (U) HST1100 The Study and Practice of History
-  (U) HST2213 Introduction to Islam
-  (U) HST3306 Modern India
-  (U) HST3307 Modern South Asia
-  (U) HST3316 History of Modern Iran
-  (U) HST3370 History of California
-  (U) HST3371 History of Southern California
-  (U) HST3374 The American West
-  (U) HST3391 Introduction to Public and Applied History
-  (U) HST3392 Oral History in Theory and Practice
-  (U) HST3393S Digital History and New Media Service Learning
-  (U) HST3399 History of Modern Nation States
-  (U) HST4011 History of Cities
-  (U) HST4012 Constitutional and Legal History of the U.S.





















-  (U) HST4013 Religion in American Society
-  (U) HST4014 Diplomatic History of the United States
-  (U) HST4015 History of Education in America
-  (U) HST4016 History of Education in America
-  (U) HST4017 American Foodways
-  (U) HST4200 Islamic Science in World History
-  (U) HST4210 History of the Scientific Revolution
-  (U) HST4230 History of the Scientific Revolution
-  (U) HST4401 African American Experience
-  (U) HST4403 History of Native Americans
-  (U) HST4405 Immigrants in American Life
-  (U) HST4406 Women in the United States
-  (U) HST4407 History of American Workers, 1877-Present
-  (U) HST4408 History of American Science and Technology
-  (U) HST4431 Topics in World Civilization
-  (U) HST4433 Nonviolence in the Modern World
-  (U) HST4435 Environmental History
































Music:












-  (U) MU1000 Introduction to Music
-  (U) MU1010 Music Appreciation
-  (U) MU1030 World of Music
-  (U) MU1040 Careers in Music
-  (U) MU1080 Introduction to Music Technology
-  (U) MU1090 History of American Popular Music
-  (U) MU1100 Jazz and Beyond
-  (U) MU1111 Beginning Piano I
-  (U) MU1121A Class Piano I Activity
-  (U) MU1131A Class Piano II Activity
-  (U) MU1161A Jazz Improvisation, Beginning Activity
-  (U) MU1171S Introduction to Music Education Service Learning

 (U)	MU1201	Music Theory I: Diatonic Harmony
 (U)	MU1211	Music Theory II: Chromatic Harmony
 (U)	MU1281S	Instructional Tech for the Music Educator Service Learning
 (U)	MU1290	Songwriting I
 (U)	MU1300	Brass Class
 (U)	MU1310	Guitar Class
 (U)	MU1320	Percussion Class
 (U)	MU1330	Beginning Strings
 (U)	MU1340	Voice Class
 (U)	MU1350	Woodwind Class
 (U)	MU1360	World Music Class
 (U)	MU1710	Studio Strings
 (U)	MU1711	Studio Strings
 (U)	MU1720	Studio Brass
 (U)	MU1721	Studio Brass
 (U)	MU1730	Studio Woodwind
 (U)	MU1731	Studio Woodwind
 (U)	MU1740	Studio Percussion
 (U)	MU1741	Studio Percussion
 (U)	MU1750	Studio Keyboard
 (U)	MU1751	Studio Keyboard
 (U)	MU1760	Studio Guitar
 (U)	MU1761	Studio Guitar
 (U)	MU1770	Studio Voice
 (U)	MU1771	Studio Voice
 (U)	MU1780	Studio Electric Bass
 (U)	MU1781	Studio Electric Bass
 (U)	MU1811	Performance Studio Lower Division
 (U)	MU1990A	Special Activity for Lower Division Students
 (U)	MU2000	Special Study for Lower Division Students
 (U)	MU2111	Beginning Piano II


















 (U)	MU2121A	Class Piano III Activity
 (U)	MU2131A	Class Piano IV Activity
 (U)	MU2201	Form and Analysis
 (U)	MU2211A	Musicianship I Activity
 (U)	MU2221A	Musicianship II Activity
 (U)	MU2251	Composition I
 (U)	MU2281	Introduction to Digital Audio and Pro Tools
 (U)	MU2290	Songwriting II
 (U)	MU2310	Intermediate Guitar Class
 (U)	MU2330	Intermediate Strings
 (U)	MU2610	Diction for Singers
 (U)	MU2700	Performance Seminar
 (U)	MU2990	Special Topics for Lower Division Students
 (U)	MU2990A	Special Topics for Lower Division Students Activity
 (U)	MU2990L	Special Topics for Lower Division Students Laboratory
 (U)	MU3010	Music Theory III: Advanced Music Theory
 (U)	MU3020	Tonal Counterpoint
 (U)	MU3040	Beginning Conducting
 (U)	MU3051	Instrumental Conducting
 (U)	MU3061	Choral Conducting
 (U)	MU3081	Media Composition
 (U)	MU3091	Instrumentation and Arranging
 (U)	MU3100	History of Technology in Music
 (U)	MU3110	Music of Mexico
 (U)	MU3161A	Jazz Improvisation, Advanced Activity
 (U)	MU3170	Women in Music
 (U)	MU3181	Ethnomusicology: Theory, History, and Field Methods
 (U)	MU3211A	Musicianship III Activity
 (U)	MU3221A	Musicianship IV Activity
 (U)	MU3251	Composition II
 (U)	MU3281	Music Recording





 (U) MU3291	Piano Pedagogy
 (U) MU3301A	Brass Fundamentals Activity
 (U) MU3311A	Percussion Fundamentals Activity
 (U) MU3321A	String Fundamentals Activity
 (U) MU3331	Vocal Pedagogy
 (U) MU3341A	Woodwind Fundamentals Activity
 (U) MU3361A	Guitar Fundamentals Activity
 (U) MU3371	Secondary Choral Methods
 (U) MU3381	Secondary Instrumental Methods
 (U) MU3391	Teaching Music Literacy
 (U) MU3410A	Brass Ensemble Activity
 (U) MU3420A	Woodwind Ensemble Activity
 (U) MU3430A	Percussion Ensemble Activity
 (U) MU3440A	String Ensemble Activity
 (U) MU3450A	Collaborative Piano Activity
 (U) MU3460A	Guitar Ensemble Activity
 (U) MU3480A	Piano Ensemble Activity
 (U) MU3510L	Orchestra Laboratory
 (U) MU3520L	Concert Band Laboratory
 (U) MU3530L	Wind Ensemble Laboratory
 (U) MU3540L	Jazz Band Laboratory
 (U) MU3550A	University Band
 (U) MU3560A	Jazz Combo Activity
 (U) MU3571A	New Music Ensemble Activity
 (U) MU3580A	Latin American Ensemble Activity
 (U) MU3590A	Electronic Music Ensemble
 (U) MU3610L	Concert Choir Laboratory
 (U) MU3621L	Music Theatre Workshop Laboratory
 (U) MU3631L	Music Theatre Production Laboratory
 (U) MU3640L	Chamber Singers Laboratory
 (U) MU3650A	Vocal Jazz Ensemble Activity































 (U)	MU3681	Interpretation for Singers
 (U)	MU3690L	Songwriter Showcase Laboratory
 (U)	MU3710	Studio Strings
 (U)	MU3720	Studio Brass
 (U)	MU3730	Studio Woodwind
 (U)	MU3740	Studio Percussion
 (U)	MU3750	Studio Keyboard
 (U)	MU3760	Studio Guitar
 (U)	MU3770	Studio Voice
 (U)	MU3781	Studio Electric Bass
 (U)	MU3791	Studio Composition
 (U)	MU3801	Studio Conducting
 (U)	MU3811	Performance Studio Upper Division
 (U)	MU3881	Creative Project
 (U)	MU3901	Junior Recital
 (U)	MU3911	Seminar for Music Industry Studies
 (U)	MU3920	Music Industry Studies Internship
 (U)	MU3940S	Music Studies Integration - Service Learning
 (U)	MU3950	Non-Profit Music
 (U)	MU3961	Music Publishing, Copyright, and Licensing
 (U)	MU3971	Music for Media
 (U)	MU3991	Artist Representation, Promotion, and Touring
 (U)	MU4000	Special Study for Upper Division Students
 (U)	MU4021	Song Culture for Schools
 (U)	MU4070	Arranging for Voices
 (U)	MU4081	Interactive Composition
 (U)	MU4171	Theory, History, and Design of Musical Instruments
 (U)	MU4180	Western Classical Traditions I
 (U)	MU4190	Western Classical Traditions II
 (U)	MU4200	Performance Literature
 (U)	MU4240	Beatlemania















 (U) MU4250	Life and Death in the Arts
 (U) MU4270	Tracking and Mixing in Music Recording
 (U) MU4280	Music Mastering, Editing and Delivery
 (U) MU4291	Live Sound Production
 (U) MU4601	Senior Project Research and Preparation
 (U) MU4610	Senior Recital Studio
 (U) MU4620	Senior Project
 (U) MU4621	Senior Recital
 (U) MU4990	Special Topics for Upper Division Students
 (U) MU4990A	Special Topics for Upper Division Students Activity
 (U) MU4990L	Special Topics for Upper Division Students Laboratory

Philosophy:















 (U) PHL2020	Critical Thinking
 (U) PHL2040	Ethical Problems in Contemporary Life
 (U) PHL2050	Business and Professional Ethics
 (U) PHL2060	Philosophy Through Children's Literature
 (U) PHL2200	Religions of the World
 (U) PHL3090	Moral Philosophy
 (U) PHL3100	Social and Political Philosophy
 (U) PHL3110	Philosophical Issues in the Law
 (U) PHL3200	American Philosophy
 (U) PHL3220	Existentialism
 (U) PHL3330	Bioethics
 (U) PHL3450	Confrontations with the Reaper
 (U) PHL3500	Philosophy of the Mind
 (U) PHL3530	Cognitive Science
 (U) PHL3590	Epistemology
 (U) PHL3600	Metaphysics
 (U) PHL3810	Race and Racism
































 (U) PHL3830	Philosophy of Science
 (U) PHL4300	Ethics, Environment, and Society
 (U) PHL4400	Seminar in Law and Values
 (U) PHL4750	Global Justice
 (U) PHL4820	Ethics Bowl
 (U) STS2010	Introduction to Science, Technology, and Society
 (U) STS4610	Science, Technology, and Society Capstone Seminar
 (U) STS4620	Science, Technology, and Society Senior Project
 (G) MPA5010	Public Policy Formation and Implementation
 (G) MPA5020	Public Fiscal Administration
 (G) MPA5030	Human Resources in the Public Sector
 (G) MPA5040	Research Methods for Public Administration
 (G) MPA5080	Administrative Ethics and Administrative Law
 (G) MPA5100	Theories of Public Administration and Democratic Governance
 (G) MPA5200	Intergovernmental Relations
 (G) MPA5225	City Management
 (G) MPA5245	Non-Governmental Organizations
 (G) MPA5265	Crisis /Emergency Management
 (G) MPA5285	Leadership in Public Organizations
 (G) MPA5500	Public Policy Program Evaluation
 (G) MPA5585	Urban Governance, Politics, and Administration
 (G) MPA5605	Criminal Justice: Politics and Administration
 (G) MPA5655	Community Sustainability Policy
 (U) PLS1011	Introduction to Political Science
 (U) PLS2010	Introduction to American Government
 (U) PLS2030	Introduction to International Relations
 (U) PLS2040	Introduction to Political Thought
 (U) PLS2051	Research Methods
 (U) PLS2051A	Research Methods Activity
 (U) PLS2060	Introduction to Public Administration













 (U) PLS2070	Introduction to Public Law
 (U) PLS3011	Constitutional Law: Governmental Powers
 (U) PLS3021	Constitutional Law: Rights and Liberties
 (U) PLS3031	Constitutional Law: Criminal Justice
 (U) PLS3041	The Criminal Justice System
 (U) PLS3150	Politics of Public Policy
 (U) PLS3165	Urban Administration, Politics and Policy
 (U) PLS3175	NGOs and Social Service Outreach
 (U) PLS3250	The American Congress
 (U) PLS3260	The American Presidency
 (U) PLS3270	The American Judiciary
 (U) PLS3321	Modern Political Thought
 (U) PLS3331	American Political Thought
 (U) PLS3420	Politics of Developing Areas
 (U) PLS3431	Ethnic Conflict
 (U) PLS3515	International Relations Theory
 (U) PLS3521	US Foreign Policy
 (U) PLS3541	International Political Economy
 (U) PLS3551	International Conflict, War, and Peace
 (U) PLS3561	International Law
 (U) PLS3821	Politics, Policies, Pop Culture
 (U) PLS4050	Jurisprudence
 (U) PLS4090	Contemporary Issues in American Law
 (U) PLS4160	Public Organizations
 (U) PLS4170	Policy Analysis and Program Evaluation
 (U) PLS4170A	Policy Analysis and Program Evaluation Activity
 (U) PLS4205	American Political Institutions and Behavior
 (U) PLS4211	Voting and Elections in the United States
 (U) PLS4221	Political Campaign Management
 (U) PLS4221A	Political Campaign Management Activity

-  (U) PLS4231 Race and Ethnic Politics in the United States
-  (U) PLS4245 Public Opinion
-  (U) PLS4250 Women and Politics in America
-  (U) PLS4265 Political Communication and Media
-  (U) PLS4341 Advanced American Political Thought
-  (U) PLS4360 Contemporary Political Theory
-  (U) PLS4381 Environmental Political Theory
-  (U) PLS4521 Environmental Security
-  (U) PLS4531 Terrorism
-  (U) PLS4541 Transnational Crime
-  (U) PLS4551 International Human Rights
-  (U) PLS4561 International Environmental Policy
-  (U) PLS4800 Policies of Need and Greed
-  (U) PLS4811 California Government

Psychology and Sociology:































-  (U) CRM2201 Introduction to Criminology
-  (U) CRM3306 Crime Analysis
-  (U) CRM3306A Crime Analysis Activity
-  (U) CRM3318 Contemporary Treatment of Law Violators
-  (U) CRM3319 Policing
-  (U) CRM3320 Probation and Parole
-  (U) CRM3330 Restorative Justice
-  (U) CRM3360 Juvenile Delinquency
-  (U) CRM3370 Drug Policy
-  (U) CRM3380 Political Violence
-  (U) CRM3390 Media and Crime
-  (U) PSY2204 Research Methods in Psychology
-  (U) PSY2201 Introduction to Psychology
-  (U) PSY2206 Child Psychology for Educators













 (U) PSY2210	Mind, Brain and Behavior: An Integrated View
 (U) PSY2222	Careers in Psychology
 (U) PSY3303	Physiological Psychology
 (U) PSY3303A	Physiological Psychology Activity
 (U) PSY3305	Basic Developmental Psychology
 (U) PSY3310	Child Psychology: Early Childhood
 (U) PSY3311	Child Psychology: Middle Childhood
 (U) PSY3312	Adolescent Psychology
 (U) PSY3314	Human Relations in Organizations
 (U) PSY3321	Psychology of Identity
 (U) PSY3322	Psychology of Women
 (U) PSY3325	Multicultural Psychology
 (U) PSY3326	Health Psychology
 (U) PSY3332	Organizational Psychology
 (U) PSY3333	Industrial Psychology
 (U) PSY3334	Cognitive Processes
 (U) PSY4121	Theories of Counseling
 (U) PSY4150	Abnormal Psychology
 (U) PSY4160	Psychological Testing
 (U) PSY4170	Basic Counseling Skills
 (U) PSY4200	Environmental Psychology
 (U) PSY4220	Psychology of Creativity
 (U) PSY4250	Community Psychology
 (U) PSY4260	Applied Social Psychology
 (U) PSY4401	Social Psychology
 (U) PSY4401	Theories of Learning
 (U) PSY4403	Psychology of Personality
 (U) PSY4450	Principles of Behavior Modification
 (U) PSY4452	Organizational Development and Change
 (U) PSY4490	Leadership and Teams
 (G) PSY5515	Advanced Topics in Human Development












 (G) PSY5530	Psychobiology of Mental Disorders
 (G) PSY5545	Introduction to Family and Marital Therapy
 (G) PSY5555	Psychopathology
 (G) PSY5565	Advanced Testing and Professional Issues
 (G) PSY5565L	Advanced Testing and Professional Issues Laboratory
 (G) PSY5570	Ethical Issues in Counseling and Family Therapy
 (G) PSY5575	Multicultural and Gender Issues in Therapy and Recovery Model
 (G) PSY6605	Diagnosis and Treatment of the Family/Family Violence
 (G) PSY6606	Diagnosis and Treatment of Couples and Spousal Abuse
 (G) PSY6607	Diagnosis and Treatment of Children and Child Abuse
 (G) PSY6610	Substance Use Problems: Individual, Family, and Group Processes
 (U) SOC(301)	Contemporary Social Problems
 (U) SOC(301)	Religion in American Life
 (U) SOC(345)	Computer Methods in Social Sciences/Activity
 (U) SOC(434)	Field Research Methods
 (U) SOC(498)	Senior Seminar
 (U) SOC2200	Special Study for Lower Division Students
 (U) SOC2201	Introduction to Sociology
 (U) SOC2205	Research Methods in Sociology
 (U) SOC3305	Classical Sociological Theory
 (U) SOC3306	Contemporary Sociological Theory
 (U) SOC3307/L	Statistics for Sociology and Lab
 (U) SOC3309	Social Stratification and Inequality
 (U) SOC3313	Latina/o Sociology
 (U) SOC3314	Black Sociology
 (U) SOC3315	Asian American/Pacific Islander Sociology
 (U) SOC3320	Race and Ethnic Relations
 (U) SOC3321	Sociology of the Family
 (U) SOC3325	Community and Urban Sociology
 (U) SOC3328	Gender and Sexuality

-  (U) SOC3340 Social Change and Social Movements
-  (U) SOC3345 Crime, Criminalization, and Society
-  (U) SOC3350 Immigration and Migration
-  (U) SOC3351 Transnationalism and Diaspora
-  (U) SOC3360 Sociology of Education
-  (U) SOC3380 Political Sociology
-  (U) SOC3388 Faith and Ideology
-  (U) SOC4000 Special Study for Upper Division Students
-  (U) SOC4100/L Quantitative Methods of Society and Lab
-  (U) SOC4110/L Quantitative Methods for Sociology and Lab
-  (U) SOC4250 Demography and Public Policy
-  (U) SOC4402 Socialization: Self and Society
-  (U) SOC4440 Technology & Society
-  (U) SOC4451 Social Inequality, Sport, and the Body
-  (U) SOC4471 Peer Mentor II: Student Leaders and Outreach
-  (U) SOC4611 Senior Symposium
-  (U) SOC4990 Special Topics for Upper Division Students
-  (U) SW(318) Contemporary Treatment of Law Violators
-  (U) SW(402) Field Work
-  (U) SW2201 Introduction to Social Work and Social Welfare
-  (U) SW3301/L Social Work Practice and Laboratory
-  (U) SW3310 Social Welfare Policy and Issues
-  (U) SW3322 Family Violence
-  (U) SW4411 Internship
-  (U) SW4430 International Social Work
-  (U) SW4440 Human Rights
-  (U) SW4470 Death and Dying

Theatre and New Dance:













-  (U) DAN2020 World Dance and Cultures
-  (U) DAN2300 Live Dance Appreciation
-  (U) DAN2700A Hip-Hop Dance Activity
-  (U) DAN2710A Lyrical Jazz Dance Activity
-  (U) DAN2720A Intermediate Hip-Hop and/or Lyrical Jazz Dance Activity
-  (U) DAN2730A Modern Contemporary Dance A Activity
-  (U) DAN2740A Modern Contemporary Dance B Activity
-  (U) DAN2760A Contemporary Ballet A Activity
-  (U) DAN2770A Contemporary Ballet B Activity
-  (U) DAN2790A Intermediate Contemporary Dance Techniques Activity
-  (U) DAN2900A Cultural Performance Series Activity
-  (U) DAN2940A Dance Production Activity
-  (U) DAN2950A Site-Specific Performance Event Activity
-  (U) DAN2960A New Dance Creative Projects/Community Engagement Activity
-  (U) DAN3200 Dance Improvisation
-  (U) DAN3400 Dance Theatre
-  (U) DAN3600 Performance Ensemble
-  (U) DAN3600L Performance Ensemble Laboratory
-  (U) DAN4300 Choreography
-  (U) DAN4460 History of Dance and Its Artistic and Cultural Influences
-  (U) DAN4490 Dance in Contemporary Culture
-  (U) DAN4600 Dance Somatics and Educational Practices
-  (U) TH1250 Introduction to Acting
-  (U) TH1310 Stagecraft
-  (U) TH1310L Stagecraft Laboratory
-  (U) TH1320 Costume Craft
-  (U) TH1320L Costume Craft Laboratory
-  (U) TH1510 Acting I
-  (U) TH1510L Acting I Laboratory
-  (U) TH1700A Applied Theatre Series Activity

 (U) TH1770A	Applied Theatre in Education and Community Activity
 (U) TH2030	Introduction to Theatre
 (U) TH2080	Introduction to Film and American Culture
 (U) TH2280	Text Analysis
 (U) TH2310	Principles and Practices of Theatrical Design
 (U) TH2330	Drafting and Rendering
 (U) TH2440A	Theatre Practicum Activity
 (U) TH2520	Vocal Techniques for Theatre I
 (U) TH2530	Acting II
 (U) TH2530L	Acting II Laboratory
 (U) TH2540	Movement for Theatre
 (U) TH2580	Business of Acting
 (U) TH2610	Stage Management
 (U) TH3010	Through Artists' Eyes
 (U) TH3210	Peer Theatre I
 (U) TH3220	Peer Theatre II
 (U) TH3230	Peer Theatre III
 (U) TH3320	Lighting Design
 (U) TH3320L	Lighting Design Laboratory
 (U) TH3330	Computer Aided Theatre Design
 (U) TH3370	Scenic Design
 (U) TH3370L	Scenic Design Laboratory
 (U) TH3520	Vocal Techniques for Theatre II
 (U) TH3530	Acting III
 (U) TH3530L	Acting III Laboratory
 (U) TH3550	Theatre Improvisation
 (U) TH3560	Directing
 (U) TH3560	Directing Laboratory
 (U) TH3700A	Advanced Applied Theatre Activity
 (U) TH3770A	Advanced Applied Theatre in Education and Community Activity

 (U) TH3810	Costume Design and History
 (U) TH3810L	Costume Design and History Laboratory
 (U) TH4010	Playwriting and Dramatic Structure
 (U) TH4100	Theatrical Pursuit of an American Ideology
 (U) TH4200A	Summer Theatre Activity
 (U) TH4210	Theatre in Education
 (U) TH4230	Integrated Arts
 (U) TH4250	Community Based Theatre
 (U) TH4310	Portfolio Development
 (U) TH4440A	Advanced Theatre Practicum Laboratory
 (U) TH4590	Filmmaking
 (U) TH4590L	Filmmaking Laboratory







College of Science

Biological Sciences:

 (U) BIO1040	What is Evolution?
 (U) BIO1060	Human Biology
 (U) BIO1110	Life Science
 (U) BIO1110L	Life Science Laboratory
 (U) BIO1150	Basic Biology
 (U) BIO1220	Foundations of Biology: Evolution, Ecology, & Biodiversity
 (U) BIO1220L	Foundations of Biology: Evolution, Ecology, & Biodiversity Laboratory
 (U) BIO2060	Basic Microbiology
 (U) BIO2060L	Basic Microbiology Laboratory
 (U) BIO2120	Life Science for Elementary Educators
 (U) BIO2120L	Life Science for Elementary Educators Laboratory
 (U) BIO3000	Genetics and Human Issues
















 (U) BIO3040	Environment and Society
 (U) BIO3120	Biodiversity Conservation
 (U) BIO3130	Marine Biology
 (U) BIO 3620	Applied Microbiology
 (U) BIO3620L	Applied Microbiology Laboratory
 (U) BIO4060	Regulatory Affairs and Safety Assessment
 (U) BIO4080	Water Pollution Biology
 (U) BIO4140	Biology of Species Invasions
 (U) BIO4180	Marine Ecology
 (U) BIO4180L	Marine Ecology Laboratory
 (U) BIO4480	Plant Physiology
 (U) BIO4480L	Plant Physiology Laboratory
 (U) BIO4570	Plants and the Environment
 (U) BIO4570L	Plants and the Environment Laboratory
 (U) BIO4580	Ecology and Conservation of Hawaiian Ecosystems
 (U) BIO4580L	Ecology and Conservation of Hawaiian Ecosystems Laboratory
 (U) BIO4584	Ecotoxicology
 (U) BIO4680	Microbial Ecology
 (U) BIO4680L	Microbial Ecology Laboratory
 (U) BIO5280	Community Ecology
 (U) BIO5400	Biogeography
 (G) BIO5500	Biological Effects of Climate Change

Chemistry and Biochemistry:






 (U) CHM4490	Environmental Analysis
 (U) CHM4490	Environmental Analysis
 (U) CHM4490L	Environmental Analysis Laboratory
 (U) CHM4590	Green Chemistry
 (U/G) CHM4600	Air Pollution Problems
 (U/G) CHM 5810	Instrumental Analysis










 (U/G) CHM 5820 Water Sampling and Analysis

Geological Sciences:

-  (U) GSC1010 Planet Earth: A Citizen's Guide
-  (U) GSC1010A Planet Earth: A Citizen's Guide Activity
-  (U) GSC1100 Water in a Changing World
-  (U) GSC1120 Earth, Time, and Life
-  (U) GSC3200 Studies of a Blue Planet
-  (U) GSC3230 Geomorphology
-  (U) GSC3230L Geomorphology Laboratory
-  (U) GSC3500 Natural Disasters
-  (U) GSC3600 Hydrogeology
-  (U) GSC3600L Hydrogeology Laboratory
-  (U) GSC4010 GIS Applications for Earth and Environmental Scientists
-  (U) GSC5340 Quaternary Geology
-  (U) GSC5340L Quaternary Geology Laboratory
-  (U) GSC5450 Advanced Hydrogeology
-  (U) GSC5450L Advanced Hydrogeology Laboratory

Kinesiology and Health Promotion:



-  (U) KIN2050 Applied Health & Well-Being
-  (U) KIN2070 Health and Well-Being
-  (U) KIN2290 Contemporary Issues in Kinesiology and Health Promotion
-  (U) KIN2460AS Introduction to Students with a Disability Service Learning Activity
-  (U) KIN2700 Stress Management for Healthy Living
-  (U) KIN3010 Foundations of Exercise Science
-  (U) KIN3500 Philosophical and Ethical Issues in Physical Education
-  (U) KIN3510 Philosophical and Ethical Issues
-  (U) KIN3650 Dimensions of the Aging Process

-  (U) KIN4080 Drugs and Society
-  (U/G) KIN4400 School Health Education
-  (U) KIN4440 Sport and Film
-  (U) KIN4450 Social and Historical Perspectives in Kinesiology
-  (U) KIN4510 Exercise Prescription and Fitness Testing
-  (U) KIN4520 Injury Prevention and Emergency Care
-  (U) KIN4520A Injury Prevention and Emergency Care Activity
-  (U) KIN4650 Health Promotion Program Planning
-  (U) KIN4650A Health Promotion Program Planning Activity

Mathematics and Statistics:





-  (U) STA1300 Biostatistics

Chemistry and Biochemistry:

-  (U) PHY3010 Energy and Society
-  (U) PHY3020 Physics for Future Presidents

Collins College of Hospitality Management

Culinology:

-  (U) HRT1010 Introduction to the Hospitality Industry
-  (U) HRT2010 Tourism Concepts
-  (U) HRT2400 Hospitality Management Law
-  (U) HRT2550 Healthy American Cuisine