Overview of the Sustainability Department

At the Cal Poly Pomona Office of Sustainability, we hope to educate students, faculty, and staff about the various ways of embracing sustainability in their daily lives by incorporating them into the University's planning and policies, academics, operations, student activities, and community engagement.

To accomplish this, the department strives to:

- Engage students, faculty, and staff in an ongoing dialogue, inquiry, and discovery of sustainable practices by way of curriculum, degree programs, and scholarly research.
- Integrate sustainable practices into all aspects of university planning and operations, with a focus on both present and future implications.
- Design, build, and operate a campus environment that minimizes its ecological footprint, thus contributing to the goal of climate neutrality.
- Participate in research initiatives and outreach activities that educate our communities, nourish our natural ecosystems, and enrich our cultural experiences.
What is Sustainability?

Sustainability is not a term limited to environmental components. It is a holistically broad perspective that also encompasses the interconnectedness of society, economics, and political pursuits. Within the scope of Cal Poly Pomona (CPP), sustainability has been a long-term goal that the university continues to cultivate. This course guide is a pivotal part of educating campus members about the multimodal presence of sustainability within the curriculum of all the colleges at CPP.

Sustainability is defined by the United Nations as “meeting the needs of the present without compromising the ability of future generations.” The essential purpose of this guide is to highlight courses offered at Cal Poly Pomona that promote one or more of these concepts. This compiled list of sustainable courses represents the courses that teach concepts relating to or focusing on sustainability, chosen and reviewed by sustainability student assistants, the sustainability coordinator, and professors and approved by department heads.
How to Read the Guide

Key:

- indicates a Sustainability Related Class
- indicates a Sustainability Focused Class

Sustainability Related

Department

Plant Science:

Undergraduate Course

(U) PLT 231, Basic Soil Science
(U) PLT 231L, Basic Soil Science Lab
(U) PLT 303, Pesticides and Hazardous Material Laws
(U) PLT 311, Plants and Civilization

Class Name

Graduate Course

(G) PLT 510, Advanced Topics in the Plant and Environmental Sciences

Class Title

Sustainability Focused
College of Agriculture

Animal Veterinary 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) AM3130 Food & Agriculture Policy
AGS1000 Orientation to Agricultural Science
AGS2500A Development of Competitive Events Activity
AGS3000 Advocacy in Agricultural Science
AGS4200 Agriculture Skills & Facilities
AGS4200A Agriculture Skills & Facilities Activity
AGS4300 Program Planning & Development
AGS4400 Procedures in Agricultural Education
AGS4400A Procedures in Agricultural Education Activity
AGS4440 Early Field Experiences
AGS4500 Field Practices & Supervision
AGS4500A Field Practices & Supervision Activity
AGS4700 Teaching Methods in Agriculture Systems Technology
AGS4700L Teaching Methods in Agriculture Systems Technology Laboratory
AGS5050 Youth & Adult Leadership Programs
AGS5800 Ethical Applications in Agricultural Leadership

Nutrition and Food Science:
FST1000 Orientation & Careers in Food Science & Technology
FST1250 Introduction to Food Science & Technology
FST3220 Food Laws & Regulations
FST3250 Food Safety & Current Issues
FST4240 Food Systems in Developing Nations I
FST4250 Food Systems in Developing Nations II
NTR1000 Introduction to the Nutrition Professions
NTR1210 Introduction to Foods
NTR1210L Introduction to Foods Laboratory
NTR2030 Health, Nutrition & the Integrated Being
NTR2050 Personal & Consumer Nutrition
NTR2280 Food & Culture
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) 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
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<td>Introduction to Professional Work in Schools</td>
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<td>Language Arts, Second Language Acquisition, &amp; Children’s Literature</td>
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<td>Theory &amp; Practice in Mathematics Education</td>
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<td>Building Relationships with Youth, Families, &amp; Communities</td>
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(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
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<td>U.S. Women of Color</td>
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<td>Methods in Gender &amp; Ethnic Studies</td>
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<td>EWS4010</td>
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<td>Contemporary Chicana/o &amp; Latina/o Studies</td>
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**Interdisciplinary General Education:**

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<td>IGE2100</td>
<td>Empires, States, &amp; Peoples: Cultural Contact &amp; Exchange</td>
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<td>Encountering Difference: Culture &amp; Power</td>
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(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
(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) ME2331 Introduction to Design
(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
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(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
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(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
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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
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<td>Music Theatre Production Laboratory</td>
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MU3650A Vocal Jazz Ensemble Activity
MU3681 Interpretation for Singers
MU3690L Songwriter Showcase Laboratory
MU3710 Studio Strings
MU3720 Studio Brass
MU3730 Studio Woodwind
MU3740 Studio Percussion
MU3750 Studio Keyboard
MU3760 Studio Guitar
MU3770 Studio Voice
MU3781 Studio Electric Bass
MU3791 Studio Composition
MU3801 Studio Conducting
MU3811 Performance Studio Upper Division
MU3881 Creative Project
MU3901 Junior Recital
MU3911 Seminar for Music Industry Studies
MU3920 Music Industry Studies Internship
MU3940S Music Studies Integration - Service Learning
MU3950 Non-Profit Music
MU3961 Music Publishing, Copyright, and Licensing
MU3971 Music for Media
MU3991 Artist Representation, Promotion, and Touring
MU4000 Special Study for Upper Division Students
MU4021 Song Culture for Schools
MU4070 Arranging for Voices
MU4081 Interactive Composition
MU4171 Theory, History, and Design of Musical Instruments
MU4180 Western Classical Traditions I
MU4190 Western Classical Traditions II
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
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(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) 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
(UG) CHM4600  Air Pollution Problems
(UG) CHM 5810  Instrumental Analysis
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
Sustainability Contact Information

University Sustainability Coordinator

Monika Kamboures
(909) 869-6705
mkamboures@cpp.edu

Sustainability Student Assistants

Kaila Moraga
kmmoraga@cpp.edu

Martha Rosario
mnrosario@cpp.edu