Course Offerings
Open to All
CPP Students

RS 1110: Introduction to Regenerative Studies (3 units)
Online – Steve Sandifer, Instructor (Class Nbr 30134)
A survey of interactions between physical, biological and social systems essential for human life, including food, water, energy, shelter and waste management. Development of conscious understanding of the relationship between people and their social and physical environments, through examination of systems that sustain future generations through the regeneration of critical resources and ecosystem processes. Course fulfills GE Area E, Lifelong Understanding and Self-Development Requirement.

RS 3010: Life Support Processes (3 units)
Online – Douglas Kent, Instructor (Class Nbr 30136)
Understanding the complex physical and biological systems, and the social context within which they occur, which provide resources and processes to meet the basic needs of human communities. These systems and processes provide water, food, energy, shelter, atmosphere, and a functional landscape. Course fulfills GE Area B5, Science and Technology Synthesis Requirement.

RS 3020: Global Regenerative Systems (3 units)
T/Th 10:00-11:15 AM – Dr. Jerry Mitchell, Instructor (Class Nbr 30137)
Study of the institutional factors affecting the implementation of regenerative practices needed to meet the challenges of limited resources. Investigations of the global effects of human activities in the pursuit of food, water, energy, shelter, and waste sinks. Meets GE Area D4, Social Science Synthesis Requirement.

RS 3030: Organization for Regenerative Practices (3 units)
Online – Beth Anne Morrison, Instructor (Class Nbr 35933)
W 1:00-3:45 PM – Steve Sandifer, Instructor (Class Nbr 30138)
Investigation of sustainable organizing processes for regenerative practices. The cultural and institutional organizing processes are examined at the global, multi-national, national, regional, local, family, and individual levels. These processes are analyzed in relation to population, food production, resource and waste management, energy systems and shelter. Meets General Education Area C4, Humanities, or D4, Social Science Synthesis Requirement.

RS 4140/4140L: Current Applications in Regenerative Studies: Edible Landscapes and Cuisine: Indigeneity, (De)colonization, and Culinary Ethnobotany (2 units/1 unit)
Online – Claudia Serrato, Instructor (Class Nbrs 30139/30140)
This course provides a space to engage the sensory body in cultivating knowledge production and application of this knowledge within ecological regenerative relationships and systems. Indigenous ways of knowing (traditional ecological knowledge) and Indigenous eco-feminisms provide critical teachings, lessons and earth-based knowledge towards a de-colonial praxis of regeneration. This student-centered community will embody these teachings and apply them in identifying plants in their life cycles and life histories, identifying their edible parts, predicting their ecological flavor profiles, tasting the plants, identifying its culinary uses and preparing some edible landscape food tastings. This practice of culinary ethnobotany through active student-centered engagement will too will include talking circles, research, plant observations, and foraging.
RS 4200/4200L: Current Applications in Regenerative Studies: Watershed Restoration (2 units/1 unit)
Online – Dr. Jeff Marshall, Instructor (Class Nbrs 30141/30142)
Watershed restoration strategies integrate basic concepts of hydrology, sedimentology, geomorphology, and ecology in an effort to reverse degraded water quality and watershed function. This course explores the physical processes of watersheds and stream corridors through lectures, field trips and case study discussions. Students will engage in hands-on field work and address current watershed problems at local field sites.

RS 4300/4300L: Current Applications in Regenerative Studies: Solar Energy Systems (2 units/1 unit)
T 7:00-8:50 PM and Th 7:00-9:50 PM – Jake Chervier, Instructor (Class Nbrs 35356/35357)
Analysis of solar technologies applied to heat, power generation and associated loss mechanisms. Examines fundamental theories that form the basis of light from the sun, and how this energy stream is appropriated for human usage. The lab component utilizes projects that must be designed and built by the student to test theory. Recommended prerequisite: Beginning Trigonometry.

RS 4500: Sustainable Communities (3 units)
W 7:00-9:45 PM – Timothy Kohut, Instructor (Class Nbr 30143)
Online – Timothy Kohut, Instructor (Class Nbr 30144)
Historical survey and cross-cultural study of sustainable communities in relation to their particular built form. Examination and analysis of intentional communities as models of traditional and/or alternative patterns. Exploration of legal and economic organization of land holding or facilitating experimentation. 4 lecture discussions. Prerequisites: One GE course from each of the following sub-areas: A1, A2, A3, and C1, C2, C3 and D1, D2, D3. Meets GE Area C4 Humanities or D4, Social Science Synthesis.

RS 4650: Ecological Processes (3 units)
T 5:30-8:15 PM – Douglas Kent, Instructor (Class Nbr 35934)
We are navigating a world that reflects disrespect for our planet and diverse communities. We are living a world that has never lived before and there is no road map for what lies ahead. We have to create it. Join this class and explore the abundant possibilities of urban landscapes. This class takes a hard look at urban harvest. We will be examining the energy, food, personal health, textiles, timber, water, and thermal comfort that anybody and everybody can harvest from urban and suburban landscapes. The goal of this class is to create communities — ecological and urbanized — that prioritize health and respect.

RS 4990-1: Permaculture Design (3 units)
Asynchronous/Synchronous Combo Class – Larry Santoyo, Instructor (Class Nbr 30145)
Permaculture is Design Protocols for Decision Making and Problem Solving based on the Patterns of Nature. Using a multidisciplinary approach this course will focus on the requisite systems of food, water, shelter, energy conservation, waste management, education, economics, and others in designing and developing sustainable human settlements. The importance of the connectivity of these systems will be stressed through an in-depth introduction to the ethics, principles, and practices of permaculture design as well as systems ecology, global indigenous practices, biomimicry, and design thinking. Topics relating to regenerative farming, soil-food-web, climate conditioning and biodiversity, natural building, cultural inclusivity, accessibility, education, restoration, and urban productivity will be explored and demonstrated in students' final design presentations.

RS 4990-2: Global Indigenous Processes (3 units)
Online – Dr. Beth Ann Falstad, Instructor (Class Number 30146)
Investigation of vernacular technologies, traditional ecological knowledge, cultural traditions and mythologies. Global indigenous processes are examined according to climatic and geographic regions in relation to infrastructure, social systems, shelter, food production, resource management, waste management, and energy systems.

RS 4990-3: Environment as Teacher – Exploring Place through Art (3 units)
Th 1:00-3:45 PM – Cybele Lyle, Instructor (Class Nbr 30147)
Inspired by the Center for Regenerative Studies, this course will explore connecting to place through the practice of art making. We will learn about a wide range of artists who work in this way, looking at examples of site-specific and site-based work, land art, performance, mapping and signage art and relational aesthetics, among others. We will start with an open exploration of place, focusing on where each student currently is situated – their neighborhood. We then expand to getting to know the Center through learning about the basic ideas behind its design and existence. Throughout the course we will do a range of observation and response-based projects such as drawing, writing and photography that connect us to place – wherever we are. We will use these explorations to understand our own place and how that place relates to the Center. Students working in any media and from any major are encouraged to take this class as an interdisciplinary range of backgrounds, experience and ways of thinking will benefit the group.

RS 4990-5: Salton Sea: People, Politics and Place (3 units)
T 7:00-9:30 PM – Monique Lopez, Instructor (Class Nbr 35358)
In the class, we will be discussing water politics and planning, the urban-rural connection to this, and how to move towards solutions rooted in a "just transition" (which regenerative relationships are a big component of this framework).