

Barcelona, Spain: Fall 2017

Course Descriptions (11/01/16 ht)

Contra Costa Community College District (Diablo Valley College)

HUM 105: Introduction to Humanities- Arts & Ideas *3 units*

- Did you know that you can “read” gardens to determine what a culture thinks about power, death and beauty?
- Why are there so many references to nature in Barcelona’s architectural jewels?
- How did three Catalan artists change art forever?
- How do artists and writers respond to tragedies like WWI and the Spanish Civil War?

If these questions intrigue you, or if you just love the idea of understanding the ideas and history behind the splendor of Barcelona, then take this fun interdisciplinary class. Through our unit on the cultural history of European gardens you’ll analyze the metaphysics inherent in places like Gaudi’s *Park Güell*, Granada’s *Al Alhambra* and Paris’ *Versailles*. We’ll study the philosophical roots of the Catalan *Modernisme* movement and see how Barcelona’s buildings were part of a larger trend of urban planning. You’ll learn the amazing story of how art was radically changed by Picasso, Miró and Dalí, three impoverished Catalan painters who saw “reality” a completely different way. Finally we’ll study the impact of WWI and the Spanish Civil War on the arts, from Picasso’s *Guernica*, to works by American writer Ernest Hemingway. This class will incorporate many field trips (maybe even an optional one to Paris), so be prepared to explore.

MATH 124: Mathematics for Liberal Arts *3 Units*

Prerequisite: Intermediate Algebra = the prerequisite equivalent at DVC is MATH 120 or 119 or equivalent.

- What’s the meaning of the “magic square” carved on the Sagrada Familia cathedral in Barcelona?
- How did Spain’s economy come to the brink of collapse in 2008?
- Whose election rules are more equitable, Spain’s or the United States’?

There is no better place to complete your required transfer math class than Barcelona, where we can take advantage of its rich atmosphere. With an emphasis on contemporary Spanish issues, this course will make mathematics come to life for you. Specially designed for students majoring in a non-STEM/non-statistics based fields, this class is organized around a series of units that explore different areas of math. On field trips around town we’ll examine a variety of geometrical systems revealed by Islamic tile designs, Gaudi’s architecture and the symmetries of Gothic rose windows. Our financial mathematics unit will reveal how Spain went from being a prosperous country to one requiring a \$100 billion bailout in 2012. Finally we’ll explore the world of voting math and see how different systems used by countries for elections impact a culture. You’ll never think about mathematics the same way again!

PHIL 130: Logic & Critical Thinking *3 Units*

Prerequisite: College Composition = the prerequisite equivalent at DVC is ENGL 122 or equivalent.

- What is the explanation behind the recent unsustainable Spanish building craze?
- Is reality as you understand it really true? And what does this mean anyway?
- Why do people often change their world views dramatically after study abroad experiences?

From Spain’s recent housing bubble to the 17th century Dutch Tulip craze, people and societies have suffered real consequences because of disastrous thinking errors. This class, a great choice for fulfilling your transfer critical thinking requirement, explores various decision making systems to see how humans analyze information

and reach conclusions. Using Kathryn Schultz’s best-selling book *Being Wrong*, and drawing on myriad examples from Spanish culture, we’ll explore how and why we make mistakes. We’ll delve into the world of deductive and inductive reasoning, study bizarre medical phenomena and even turn our analysis skills on ourselves. You’ll never think about *how you think* more deeply than in this class, which ends with a unit on travel writing narratives as an exploration of paradigm shift.

Santa Rosa Junior College

ART 2.1: History and Aesthetic Appreciation of Western Art from Prehistoric through the Gothic Period *3 units*

The arts of what today is known as Spain have their roots in the ancient land of the Iberian Peninsula, which straddles Atlantic Europe and the Mediterranean Basin, home of the “cradle of civilization.” During our journey we’ll explore Neolithic cave and rock paintings from over 15,000 years ago, trace the artistic and historical contributions of Celts and Iberians, and identify the unique flavors of trade, conquest, and “Mediterraneanization” brought by the Phoenician, Greek, and Roman empires during the Classical Age. In the centuries known commonly as the Dark and Middle Ages we’ll discover the powerful influence on the arts of the “Religions of the Book”: Judaism, Christianity, and Islam, as we follow cycles of conquest, conversion, and cross-fertilization in the arts of España’s diverse kingdoms well into the late 1300s.

ART 2.2: History and Aesthetic Appreciation of Western Art from the Late Gothic Period to Impressionism *3 units*

Two major artistic styles—the Gothic, originating in France, and the Renaissance, beginning in Italy—emerged in the late Middle Ages and expanded throughout the Mediterranean basin and beyond. We will uncover cultural, philosophical, symbolic, and artistic influences on the arts during this explosive period, and explore how native traditions melded with this new thinking and vision of people and the world to create unique expressions of Spanish nationalism, conquest, and imperialism. Our particular focus will be on Spain’s Golden Age in the 16th and 17th centuries, and the emergence of such unforgettable world-class artists as El Greco, Velázquez, and Goya, who in turn paved the way for the modern titans Gaudí, Picasso, Miró, and Dalí.

HUM 8: Comparative Mythology *3 units*

In the broadest sense, myths are a collection of stories told by a people to explain their customs and history, and the natural world around them. The human urge to ‘tell our truths’ through myth is still alive and well today: in our urban legends, our blockbuster films, our graphic novels and video games, schools of psychology, and more. In this course we’ll focus on a variety of myth traditions and archetypes informing Spanish history, religion, art, and culture, such as Celtic, Greco-Roman, Judeo-Christian, Chivalric, and Moorish/Islamic traditions. We’ll also identify mythological components underlying Spain’s unique history, such as the miracles and legends of the Camino de Santiago, the Reconquista stories of El Cid, the epic wanderings of Don Quixote, and popular folktales of Andalusia, which gave rise to many characters and events in the operas and literature of the 19th century, such as Carmen, Don Juan, Figaro, and Washington Irving’s *Tales of the Alhambra*.

Los Rios Community College District

BIOL 350: Environmental Biology *3 Units*

This course provides both biology majors and non-majors with instruction in human interactions with the environment and resolutions to potential conflicts that develop due to this interaction. Understanding how life affects environments and ecosystems is an integral part of the biological sciences. To achieve this understanding, biological and ecological principles are examined as they relate to the natural environment. Major topics include the function and structure of ecosystems and ecological processes, the effects of natural selection on populations, the role of biodiversity on the maintenance of ecosystems, the variety of human

impacts on terrestrial, aquatic, and atmospheric systems, potential solutions to adverse impacts, and the application of the scientific method in the examination of these effects. A group project will let you explore the food offerings of Barcelona's local open markets. Attendance on one class field trip that will incorporate local Catalonian resources is required in this course.

BIOL 351: Global Climate Change 3 Units

This interdisciplinary course explores the natural and human factors causing the Earth's climate to change. Whether alarmed, skeptical, or just curious about climate change, students will acquire the scientific tools to analyze the evidence that climate change is a looming threat. Through lectures, readings, discussions and projects, students will examine the Earth's present and past climates as well as the influence of climate on the geographical distribution of plants, animals and human societies. Discussions and student projects will focus on differences between European and American approaches to climate change issues. Field Trips and/or a semester project may be required.

BIOL 352: Conservation Biology 3 Units

This introductory course covers biological and ecological principles involved in understanding and analyzing environmental problems and exploring scientifically sound conservation techniques. Major topics include the nature of science, basic principles of ecology, genetics and evolution, patterns of biodiversity and extinction, and the interdependence between humans and our environment. This course places emphasis on scientific processes and methodology and the application of science to conservation issues. Field trips and/or a semester project may be required that involve visits to Barcelona's Zoo, Aquarium, and or Barcelona's local open markets.

San Mateo County Community College District

HIST 202: History of the United States 1877 to Present 3 Units

Explore the history of the United States, from 1877 to the present, beginning with post-Civil War industrialization and the rise of modernity and continuing to the present day and current events. As we proceed, we will make connections and identify significant points of compare and contrast between the U.S. and Spain. For example, how did Spain experience modernization and the rise of popular culture in ways that were similar to the U.S.? What were the impacts of the two World Wars and/or the global "Great Depression" of the 1930s? How and why did the U.S. avoid fascism and dictatorship, whereas Spain did not? Studying HIST 202 in Barcelona presents a valuable opportunity to internationalize the U.S. History curriculum and give students a unique "outsiders" perspective on their own country.

HIST 245: History of Race, Ethnicity & Immigration in the United States 3 Units

This course explores the meaning and historical significance of race and ethnicity, and the experiences of diverse racial, ethnic, and immigrant groups in U.S. history. Themes include: the history of race as an idea; the intersections of race, class and gender; interethnic relations; changing immigration patterns and policies; struggles for equality, and current issues. Doing history in Barcelona will give us a chance to identify and analyze moments when the histories of race, ethnicity and immigration in the U.S. and Spain have intersected and/or diverged. Why, for example, did so many African Americans volunteer to fight in the Spanish Civil War? How and why did ideas about race evolve differently in Spain than they did in the U.S.? And -- do Spaniards today deal with any of the same issues that we deal with in the U.S. -- regarding racial profiling and/or immigration, for example?

HIST 246: History of Latinos in the U.S. 3 Units

Explore Spanish legacies and influences, and the contested heritage of Spain in Latino/a history in the United States! This course will not only delve into the politics and economics of the Spanish empire in what became the United States, but also trace the development of hybrid (mixed) Latino/a identities and different forms of cultural expression from pre-Columbian times to the present day. We will explore the origins and expansion of *LatinoUSA* and cover topics such as the Mexican American War, the Spanish-American War, the Mexican “Great Migration”, the Zoot Suit riots, *Chicanismo* and the struggle for civil rights, and current issues, such as the debates over immigration and the development of an immigrant rights movement.

Barcelona Fall 2017 course Schedule (11/01/16 ht)

	Monday	Tuesday	Wednesday	Thursday
8:30am - 10:35am		BIO 351 ARTH 2.1		BIO 351 ARTH 2.1
10:45am - 12:50pm	MATH 124 HIST 202	BIO 352 HUM 8	MATH 124 HIST 202	BIO 352 HUM 8
1:00pm - 2:00pm				
2:10 - 4:15	HUM 105 HIST 245	PHIL 130 HIST 246	HUM 105 HIST 242	PHIL 130 HIST 246
4:25 - 6:30pm	BIO 350 ARTH 2.2	Spanish Life & Culture	BIO 350 ARTH 2.2	Spanish Life & Culture

DVC

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MATH 124: Mathematics for Liberal Arts

PHIL 130: Logic & Critical Thinking

SRJC

HUM 8: Comparative Mythology

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ART 2.2: History and Appreciation of Late Gothic to Impressionist Art

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HIST 245: History of Race, Ethnicity & Immigration in the United States

HIST 246: History of Latinos in the U.S.

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BIO 350: Environmental Biology

BIO 351: Global Climate Change

BIO 352: Conservation Biology