

## **SPAIN/PORTUGAL: SUMMER PROGRAM 2009**

Illinois Institute of Technology: College of Architecture

Adjunct Assistant Professor Romina Canna  
Studio Assistant Professor David Goodman

### **INTRODUCTION:**

On July 25th of 1992 the lighting of the Olympic torch in Barcelona inaugurated much more than just the Olympic Games, Barcelona and Spain crystallized in one moment the years of hard work that followed the death of the dictator Franco in 1975, opening its view to the world. Since the restoration of democracy, Spain initiated a fertile period of cultural and democratic development, emerging from a long period of hibernation, developing an unstoppable spatial reorganization in all scales: urban structure, infrastructure, and a new way of thinking about a distinctly Spanish national architecture.

Nowadays, Spain is at the center of the discussion of architecture and urbanism, and all interested parties have the obligation to understand and enjoy such a phenomenon. But Spain was not born in 1992, and during different periods, and tied to different dynamics, the country has benefitted from rich flow of cultures that built the country. We should take our history books and remember how this country in the Mediterranean Sea was home to Visigoths, Romans, Muslims, and Jews. The Spanish are a mix of all of these cultures, and this hybrid cultural legacy has left indelible marks on the shape of their cities.

Cities in Spain are the accumulation of layers of a varied and continuing history. We will trace this history from different points of view, trying to understand its episodes and also its cultural and historic background. In order to do this, we will cross centuries of architecture and urbanism revealing not just material structures, but also the thoughts behind the interventions, relating historic moments and their causes to the construction of these moments.

Spain has now entered a new period of cultural foment; globalization and the unification of Europe have, perhaps, begun to dilute the "spanishness" of the country's architecture, as it uses a newfound prosperity to attract architects from around the world: Zaha Hadid, MVRDV, Herzog & deMeuron, Norman Foster, and Wiel Arets, among others. We will see these projects as well, examining the latest layer to be added to the cultural mix that is Spain.

### **COURSE DESCRIPTION:**

The course will be structured in two modules that will analyze the fundamental components of the construction of Spain: the construction of the city, and the construction of the individual building or complex. Most days will consist of two separate sessions, one dealing primarily with urban issues, the other dealing with the scale of single project. At times, these sessions will inevitably mix. The idea here is to transcend the understanding of architecture as a series of isolated objects, proposing a view of the city as the stage for architecture.

**MODULE 1: From Architecture to the City** - Studio Assistant Professor David Goodman

**MODULE 2: From The City to Architecture** - Adjunct Assistant Professor Romina Canna

### **COURSE REQUIREMENTS:**

Attendance is mandatory at all sessions. This is an intense trip, and we can't afford to spend much time waiting around for stragglers. Students must be on time for all sessions. **WE WILL LEAVE WITHOUT YOU** if you are not on time.

Shortly after the end of the trip, each student will be required to submit a sketchbook-summary of his or her experiences, including drawings, photographs, essays, fragments of ideas, etc. This document will be returned to the authors and is intended both as a record of the students' progress in drawing and photography, but also as a sort of living journal of experiences.

## **PRACTICAL MATTERS:**

### **Travel**

Students are responsible for purchasing and arranging their own transportation to and from Spain, and between and within cities. You will notice that we have outlined trains and buses on the itinerary. With the exception of the four day-trips, the selected trains are suggestions, based on our research and experience. Students who travel via other means are nevertheless required to meet the group at the next checkpoint.

We suggest doing most of the travel via train. RENFE, the Spanish national rail carrier, was once slow and inefficient. It is now one of the most modern, reliable, and enjoyable systems in Europe. Unfortunately, we can't say the same for CP, the Portuguese system. We will therefore suggest a number of bus connections between cities in Portugal and western Spain.

For flexibility and potential cost savings, we suggest a 1 month, 1 country Eurail pass. We will only be taking one relatively inexpensive train in Portugal, which can be bought separately.

### **Flexibility**

Unforeseen things happen. We have tried to arrange the itinerary as efficiently as possible, and do not anticipate having to change anything, but we ask for your patience and flexibility as we move ahead. We may collectively decide to improvise slightly, though not in such a way that would radically change your arrangements.

### **Money**

While it's not a bad idea to buy a few Euros before departure, we suggest relying on the ATM (*cajero automático*) to take money directly out of your account as soon as you arrive; just make sure your card is part of a major network like Cirrus, Interlink, etc. Credit Cards are also widely accepted and give you the most up-to date exchange rate.

For the moment, the Dollar seems to have recovered against the Euro, though it's still relatively weak. Lucky for us, Spain and Portugal are two of the most affordable countries in Western Europe, especially outside Madrid and Barcelona. Food, especially, is reasonably priced or almost cheap.

### **Accommodations**

Students are responsible for arranging their own accommodations in the cities listed on the right-hand column of the itinerary. How you choose to do this is up to you, depending on your personality. Control freaks, like one of your two instructors, will spend hours researching accommodations with books like Lonely Planet or Time Out, or reading the excellent user reviews on websites like TripAdvisor, and will book well in advance. Others, who are comfortable flying by the seat of their pants like another of your two instructors, will be comfortable arriving in each new town and setting out in search of a place to stay. As we're traveling in June, when the tourist invasion has not yet reached its highest intensity, you should not have a problem finding something. As we will sometimes be arriving in a new town and starting our visits after only an hour or so, you might want to have a hotel already arranged so you can dump your backpack and sightsee unencumbered.

For budget accommodations we suggest the chain of hostels run by Hostelling International (HI). These are typically clean, cheerful and affordable, but you'll likely be sharing a bathroom and a bed in a room of 4 to 20 of your best friends.

*Residencias* or *Pensiones* also offer good deals and private rooms and bathrooms. These fall somewhere in between Hostels and Hotels. These vary wildly in their quality. If you're going into a place blind, ask to see the room first. Trust us. This is a good idea. You'll notice that Hotels, *Residencias* and *Pensiones* are required to display their star ranking. These star rankings are regulated by the government, and give you some idea of what to expect.

**Language:**

Some knowledge of Spanish might be helpful for this course, but it is by no means a requirement. In fact, Spanish (also known as *Castellano*, or, Castillian) is only one of the several languages you'll encounter on this trip. In Portugal, of course, we'll be hearing Portuguese, which, for anyone with a working knowledge of a Romance language, will be very easy to understand, at least in written form. In Santiago de Compostela, in the region of Galicia, you'll hear a mix of Spanish and Galician (*Galego*), which is essentially a hybrid of Spanish and Portuguese. In Barcelona and Girona, in the region of Cataluña, you will hear and see mostly Catalán (*Catalá*) which, again, will not be difficult to understand for anyone who knows Spanish, French, or Italian. The Catalans take their language very seriously, and absolutely love it when visitors make any attempt at all to use it, even if it's only confined to the friendly "*Adeu!*" upon leaving a store or restaurant.

In the Basque country—Bilbao and San Sebastián—things get slightly more complicated. Though virtually everyone in these cities also speaks Spanish, and in most cases English as well, the Basque language (*Euskera*) is entirely indecipherable and has no relation to any other language on the planet. Good luck. Unless you already speak *Euskera*, you won't be doing so on this trip, nor will you need to.

In most cities, you should have no trouble communicating in English, but we ask that you at least learn how to ask "*Excuse me, do you speak English?*" and some other basics in Spanish, Portuguese, and since we'll be in Cataluña for almost a week, in Catalan, too. Trust us, this will earn you endless goodwill with your hosts.

	<b>Spanish</b>	<b>Portuguese</b>	<b>Catalan</b>
<b>Good morning.</b>	Buenos días.	Bom dia.	Bon dia.
<b>Good afternoon.</b>	Buenas tardes.	Boa tarde.	Bona tarda.
<b>Good evening.</b>	Buenas noches.	Boa noite.	Bona nit.
<b>Hi.</b>	Hola.	Ola.	Hola.
<b>Goodbye.</b>	Hasta luego, or, adios.	Até logo.	Adeu.
<b>Thank you.</b>	Gracias.	Obrigado.	Gracias, or Merci
<b>Please.</b>	Por favor.	Por favor.	Si us plau.
<b>Excuse me.</b>	Perdone.	Desculpe.	Disculpi.
<b>Do you speak English?</b>	¿Habla inglés?	Fala inglês?	Parla anglès?

**ITINERARY:**

<b>DAY</b>	<b>CITY</b>	<b>TIME</b>	<b>TOPIC/SITE</b>	<b>LOGGING</b>
1 Mon	Madrid	9:00	Initial Meeting/Orientation: Circulo de Bellas Artes	Madrid
		10:00	SESSION 1: THE INSTITUTION AND THE CITY Museo del Prado: Rafael Moneo	
		13:00	Caixa Forum: Herzog & deMeuron Reina Sofia Museum: Jean Nouvel	
		18:00	SESSION 2: THE ROOMS OF THE CITY Walk: Paseo de la Castellana, Puerta del Sol, Plaza Mayor, Plaza de Oriente, Plaza de la Paja, San Francisco de Asis (Goya Frescos)	
2 Tues	Madrid	9:00	SESSION 1: THE METROPOLIS AND THE INDIVIDUAL Gymnastics Pavilion: Ábalos y Herreros Torres Blancas: Javier Saénz de Oiza BBVA Tower: Javier Saénz de Oiza	Madrid
		17:00	STUDIO VISIT MONEO?  SESSION 2: URBAN STRUCTURE – GROWTH AT THE PERIPHERY Nuevos Ministerios and Interchange Mirador Housing: MVRDV Telefónica Headquarters: de la Hoz La Castellana Towers: Foster, Pei Cobb Freed	
3 Wed	El Escorial (daytrip)	8:30	SESSION: EL ESCORIAL-THE ARCHITECTURE OF THE IDEAL Meet at Atocha Station: Rafael Moneo	Madrid
			<b>TRAIN: RENFE C-8A to El Escorial</b> <b>Depart: 09:33 Arrive: 10:44 Web Price: €5.00</b>  Palace and Monastery of San Lorenzo de Escorial (Tour) Casita del Principe and Palace Gardens El Croquis Editorial – Publisher Visit, Architecture Gallery	
			<b>TRAIN: RENFE C-8A to Madrid</b> <b>Depart: 19:00 Arrive: 20:05 Web Price: €5.00</b>	
4 Thurs	Toledo (daytrip)	8:30	SESSION: TOLEDO-NEW AND OLD Meet at Atocha Station	Madrid
			<b>TRAIN: RENFE AVANT 08292 to Toledo</b> <b>Depart: 09:20 Arrive: 09:50 Web Price: €9.45</b>  Toledo Entrance Escalators: Elías Torres y José Antonio Martínez Lapeña Toledo Cathedral Monestary San Juan de los Reyes Archivo de Castilla la Mancha: Guillermo Vázquez Consuegra CONSTRUCTION VISIT (confirm): Rafael Moneo – Convention Center	
			<b>TRAIN: RENFE AVANT 08192 to Madrid</b> <b>Depart: 19:50 Arrive: 20:20 Web Price: €9.45</b>	
5 Fri	Madrid	9:00	SESSION 1: NEW WORKS Madrid Regional Library: Mansilla y Tuñón Usera Library: Ábalos y Herreros Pradolongo Housing, Usera: Wiel Arets Valedemoro Swimming Pool: Alberto Nicolau	Madrid
		16:00	SCHOOL VISIT: ETSAM Casa do Brasil: Luis Afonso d'Escragnolle Filho	

6 Sat	Madrid	9:00	<p>SESSION 1: THE INFRASTRUCTURAL CITY Intercambiador de Moncloa Intercambiador de Principe Pio MetroSur and Getafe Central</p> <p>SESSION 2: THE CITY OF NEIGHBORHOODS Maternity Hospital: Rafael Moneo Barrio Salamanca, Chueca, Malasaña, Gran Vía</p> <p><b>TRAIN: RENFE AVE 02390 to Córdoba</b> <b>Depart: 19:30 Arrive: 21:12 Web Price: €25.50</b> Cordoba Central Station: Peña, Castro, &amp; Puig</p>	Córdoba
7 Sun	Córdoba	10:00	<p>SESSION 1: THE FIELD AND THE EVENT Great Mosque/Cathedral of Córdoba (Tour)</p> <p>16:00</p> <p>SESSION 2: LAYERS Madinat-al-Zahra Museum: Sobejano y Nieto (confirm)</p> <p><b>TRAIN: RENFE ALTARIA 09234 to Granada</b> <b>Depart: 19.09 Arrive: 21.41 Web Price: €19.80</b></p>	Granada
8 Mon	Granada	9:00	<p>SESSION 1: THE PALACE ACROSS CULTURES Alhambra Palace (Tour and Free Exploration)</p> <p>16:00</p> <p>SESSION 2: CONSTRUCTING THE NATURAL Generalife Gardens (Tour and Free Exploration)</p> <p>Free Exploration and Drawing</p> <p><b>TRAIN: RENFE R-598 13947 to Sevilla</b> <b>Depart: 20.23 Arrive: 23.32 Web Price: €22.70</b></p> <p>Santa Justa Station: Cruz y Ortiz</p>	Sevilla
9 Tues	Sevilla	9:00	<p>SESSION 1: THE CEREMONIAL CITY Cathedral of Sevilla Royal Alcazar Torre de Oro Walk: Plazas and Streets of Sevilla</p> <p>17:00</p> <p>SESSION 2: THE CITY REFRAMED Plaza de España Expo 92 Calatrava Bridge Estadio Olimpico: Cruz y Ortiz</p>	Sevilla
10 Wed	Sevilla	9:00	<p>OFFICE VISIT: Cruz y Ortiz (Confirm) Infanta Elena Library: Cruz y Ortiz Housing Doña María Coronel 26: Cruz y Ortiz Diputación de Sevilla: Cruz y Ortiz Prevision Española: Rafael Moneo</p> <p><b>TRAIN: RENFE REGIONAL 18779 to Mérida</b> <b>Depart: 15:50 Arrive: 20:08 Web Price: €13.45</b></p>	Mérida
11 Thur	Mérida	9:00	<p>SESSION 1: THE ROMANS REVISITED Museum of Roman Art: Rafael Moneo Roman Ruins, Amphitheatre, Aqueduct Drawing Session</p> <p>SESSION 2: MÉRIDA REPACKAGED Palacio de Congresos: Sobejano y Nieto Lusitania Bridge: Santiago Calatrava</p> <p><b>BUS: AVANZABUS, or similar, to Lisbon</b> <b>Depart: 15:55 Arrive: 19:30 Web Price: €29.20</b></p>	Lisbon

12 Fri	Lisbon	9:00	SESSION 1: THE IDEAL CITY AND THE FOUND Baixa and Praça do Comércio Boulevard System Chiado Project: Álvaro Siza Bairro Alto Metro: Álvaro Siza	Lisbon
		16:00	SESSION 2: NEW LISBON Expo 98 Grounds Estação do Oriente: Santiago Calatrava	
13 Sat	Porto	9:30	Meet Entrecampos Station	Porto
			<b>TRAIN: CP AP182 to Porto</b> <b>Depart 9:57 Arrive 12:44 Web Price: €27.50</b>	
		16:00	SESSION: THE CITY IN THE VALLEY Eiffel Bridges Metro de Porto: Eduardo Souto Moura	
14 Sun	Porto	9:00	SESSION 1: THE METEOR Casa da Musica: Rem Koolhaas/OMA (tour and free exploration)	Porto
		13:00	Boa Vista Avenue Towers: Eduardo Souto Moura Depart for Lunch at Restaurante Boa-Vista: Álvaro Siza (confirm)	
		16:00	SESSION 2: SIZA AT HOME Leça Swimming Pools	
			OPTIONAL EVENING EVENT: Concert at Casa da Musica	
15 Mon	Porto	09:00	OFFICE VISIT: Álvaro Siza (confirm) School of Architecture: Álvaro Siza	Santiago de Compostela
			<b>BUS: ALSA, or similar, to Santiago de Compostela</b> <b>Depart: 14:30 Arrive 18:45 Web Price: €6.96</b>	
			*NOTE: confirm departure location, some buses depart from airport	
16 Tues	Santiago de Compostela	09:00	SESSION 1: PILGRIMAGE AND ARRIVAL Cathedral and Plaza of Santiago	Santiago de Compostela
		16:00	SESSION 2: NEW SANTIAGO Centro Galego de Arte Contemporaneo: Álvaro Siza City of Culture: Peter Eisenman (tour if possible) School of Communications: Álvaro Siza	
17 Wed	León	08:30	Meet at Santiago de Compostela Station	León
			<b>TRAIN: RENFE ARCO 00280 to León</b> <b>Depart: 09:04 Arrive:14:52 Web Price: €30.20</b>	
		16:00	SESSION: Auditorio Ciudad de León: Mansilla y Tuñón	
			OPTIONAL EVENING EVENT: La Fura Dels Baus / Boris Gudinov at Auditorio Ciudad de León	
18 Thur	León/Burgos	9:00	SESSION 1: NEW TEXTURES, NEW COLORS MUSAC – Castilla and Leon Contemporary Art Museum: Mansilla y Tuñón	Burgos
			<b>TRAIN: RENFE ALVIA 00620 to Burgos</b> <b>Depart: 13:12 Arrive: 14:59 Web Price: €9.00</b>	
		16:00	SESSION 2: THE GOTHIC CITY Burgos Cathedral	

19 Fri	Burgos/Bilbao	9:00	SESSION 1: LAYERS, Part 2 Museum of Human Evolution: Juan Navarro Baldeweg	Bilbao
			<b>TRAIN: RENFE DIURNO 00410 to Bilbao</b> <b>Depart: 13:04 Arrive:16:32 Web Price: €7.20</b>	
		18:00	SESSION 2: THE BILBAO EFFECT, OBSERVED Riverfront walk, Guggenheim and Euskalduna, Exterior Metro de Bilbao: Norman Foster Bridges: Santiago Calatrava Office Towers: Arata Isozaki	
20 Sat	Bilbao	9:00	SESSION 1: FORM AND EXUBERANCE Guggenheim Bilbao: Frank Gehry Euskalduna Palacio de Congresos: Soriano y Palacios	San Sebastián /Donostia
		15:00	SESSION 2: FORM AND RETICENCE CONSTRUCTION VISIT (confirm): Deusto Library, Rafael Moneo Barakaldo Soccer Stadium: Eduardo Arroyo/NO.MAD (tour)	
			<b>TRAIN: EUSKOTREN from Bolueta Station to San Sebastián/Donostia</b> <b>Depart: 20:34 Arrive: 22:47</b> or <b>BUS: PESA, or similar, to San Sebastián/Donostia</b> <b>Depart: 20:00 Arrive: 21:10 Web Price: €6.96</b> NOTE: bus station near Metro San Mamés	
21 Sun	San Sebastián /Donostia	10:00	FREE	San Sebastián /Donostia
22 Mon	San Sebastián /Donostia	10:00	SESSION 1: THE MARK ON THE HORIZON Kursaal: Rafael Moneo (tour) Peine de los Vientos: Eduardo Chillida/Chiilda-Leku Museum	Pamplona
		16:00	SESSION 2: BIRTH OF A DESTINATION CITY Tour of 19 <sup>th</sup> Century Expansion, New City and Historic Core Real Club Náutico de San Sebastian: Aizpurúa y Labayén Riberas de Loiola, Construction Visit	
			<b>TRAIN: RENFE ALVIA 00610 to Pamplona</b> <b>Depart: 17.51 Arrive: 19.32 Web Price: €7.90</b>	
23 Tues	Pamplona	9:00	SESSION 1: POINT OPERATIONS IN A MEDIEVAL CITY Plaza de Toros: Rafael Moneo Palacio de Congresos Baluarte: Patxi Mangado Plaza: Patxi Mangado Plaza de los Fueros: Rafael Moneo	Pamplona
		16:00	SESSION 2: Archivo General: Rafael Moneo Museo Jorge Oteiza: Francisco Sáenz de Oiza (closed Mondays) or SCHOOL VISIT: Escuela de Arquitectura de Pamplona	

24 Wed	Zaragoza	9:00	Meet at Pamplona Station	Zaragoza
<p><b>TRAIN: RENFE REGIONAL EXPRESS 18074 to Zaragoza</b>  <b>Depart: 09.22 Arrive: 11.38 Web Price: €7.30</b>  Delicias Station: Carlos Ferrater</p> <p>SESSION 1: CREATING A NEW DISTRICT – EXPO 2008  Bridge Pavillion: Zaha Hadid  Expo Building: Basilio Tobias  Spain Pavillion (confirm): Patxi Mangado  Palacio de Congresos: Sobejano y Nieto</p> <p>SESSION 2: URBAN INFRASTRUCTURE  River, Trains, Etc.</p>				
25 Thurs	Zaragoza/Barcelona	9:00	SESSION 1: THE CITY AND THE TEMPLE La Seo Cathedral Catedral-Basilica de Nuestra Señora del Pilar de Zaragoza	Barcelona
<p><b>TRAIN: RENFE AVE 03123 to Barcelona</b>  <b>Depart: 13.49 Arrive: 15.27 Web Price: €36.70</b></p>				
		17:00	SESSION 2: INTRODUCTION TO URBAN STRUCTURE Walk: Las Ramblas, Calle Princesa, Plaza Sant Jaume, Paseo de Gracia	
26 Fri	Barcelona	9:00	SESSION 1: EL MODERNISME CATALÀ – HISTORIC CORE Palau Guell : Antoni Gaudí Palau de la Música Catalana: Lluís Domènech i Montaner Casa Milá, Casa Batlló: Gaudí Casa Amatlet: Josep Puig i Cadafalch	Barcelona
		16:00	SESSION 2: EL MODERNISME CATALÀ – A NEW BARCELONA Sagrada Família: Gaudí Hospital de Sant Pau: Lluís Domènech i Montaner Parc Guell: Gaudí	
27 Sat	Barcelona	9 :00	SESSION 1: SURGICAL OPERATIONS-OLD CITY CCCB : Albert Viaplana and Helio Piñón MACBA: Richard Meier Rambla del Raval Philosophy Department Mercado de Santa Caterina: Enric Miralles and Benedetta Tagliabue	Barcelona
		6 :00	SESSION 2: SURGICAL OPERATIONS-NEW CITY Walk : Diagonal Extension to Mediterranean Coast Torre Agbar: Jean Nouvel (Tour?) Hotel Habitatat Sky: Dominique Perrault Parc del Poblenou: Jean Nouvel Parque Diagonal Mar: Enric Miralles and Benedetta Tagliabue Illa de la Llum Housing: Lluís Clotet, et al Barcelona Forum: Herzog & deMeuron Forum Solar Collector and Plaza: Torres+Lapeña	
28 Sun	Barcelona	9:00	SESSION 1: BARCELONA REINVENTED-MONTJUIC Barcelona Pavillion: Mies van der Rohe Caixa Forum Barcelona: Arata Isozaki Museu Nacional d'Art de Catalunya: Gae Aulenti, conversion Fundació Miró: Josep Lluís Sert	Barcelona
		16:00	SESSION 2: BARCELONA REINVENTED-OLYMPIC MONTJUIC Palau Sant Jordi: Arata Isozaki Olympic Plaza and Stadium Barcelona Botanic Gardens: Carlos Ferrater and Bet Figueras Montjuic Cemetery	

29 Mon	Igualada/Barcelona (daytrip)	8:30	SESSION 1: FINAL DESCENT  Meet at Plaça de Espanya FGC Station  <b>TRAIN: FGC R6 to Igualada</b> <b>Depart: 9:00 Arrive: 10:39</b>  Igualada Cemetery: Enric Miralles and Carme Pinós  <b>TRAIN: FGC R6 to Barcelona</b> <b>Depart: 14:54 Arrive 16:27</b>	Barcelona
		19:00	SESSION 2: RECOVERING THE COAST Walk: Port Vell, Barceloneta, Vila Olímpica Barceloneta Housing: Josep Antoni Coderch Gas Natural Building: Enric Miralles and Benedetta Tagliabue Fish Sculpture: Frank Gehry Mapfre Tower: Ortiz and León Hotel Arts: SOM	
30 Tue	Barcelona	9:00	SESSION 1: DEFINING AN EDGE Walden 2 Housing: Ricardo Bofill (tour if possible) L'Illa Complex: Rafael Moneo and Manuel Sola-Morales  SCHOOL VISIT: ETSAB	Barcelona or Elsewhere
		16:00	SESSION 2: DEFINING FABRIC – THE STRUCTURE OF THE EIXAMPLE Walk: Barcelona Cerda Extension Center of Block Project: RCR Architectes L'Auditori: Rafael Moneo  End of Program Dinner: Restaurant at Tibidabo Overlook	

## Project List:

Museo del Prado Addition	Rafael Moneo
Caixa Forum	Herzog & de Meuron
Reina Sofia Museum and Additon	Jean Nouvel
Retiro Gymnastics Pavilion	Ábalos y Herreros
Torres Blancas	Javier Saénz de Oiza
BBVA Tower	Javier Saénz de Oiza
Nuevos Ministerios	Secundino Zuazo Ugalde
Mirador Housing	MVRDV
Telefónica Headquarters	Rafael de la Hoz
Towers on La Castellana	Norman Foster, Harry Cobb
Atocha Station	Rafael Moneo
Palace and Monastery of El Escorial	Juan Bautista de Toledo, Juan de Herrera
Casita del Principe	Juan de Villanueva
El Croquis Headquarters	Fernando Marquez Cecilia, Richard C. Levene
Toledo Entrance Escalators	Torres and Lapeña
Toledo Cathedral	
Monestary San Juan de los Reyes	
Archivo de Castilla la Mancha	Guillermo Vázquez Consuegra
Toledo Convention Center (Confirm)	Rafael Moneo
Madrid Regional Library	Mansilla y Tuñon
Usera Library	Ábalos y Herreros
Pradolodongo Housing	Wiel Arets
Valdemoro Swimming Pool	Alberto Nicolau
Casa do Brasil	Luis Alfonso d'Escagnolle Filho
Cordoba Central Station	Peña, Castro, Puig
Great Mosque/Cathedral of Córdoba	
Madinat-al-Zahra Ruins And Museum	Sobejano y Nieto
Alhambra Palace	
Generalife Gardens	
Cathedral of Sevilla	
Santa Justa Station	Cruz y Ortiz
Sevilla Royal Alcazar	
Sevilla Plaza de España	
Alamillo Bridge	Santiago Calatrava
Sevilla Estadio Olímpico	Cruz y Ortiz
Infanta Elena Library	Cruz y Ortiz
Housing Doña María Colonel 26	Cruz y Ortiz
Diputación de Sevilla	Cruz y Ortiz
Previsión Española	Rafael Moneo
Mérida Museum of Roman Art	Rafael Moneo
Roman Amphitheatre and Aqueduct	
Mérida Palacio de Congresos	Sobejano y Nieto
Lusitania Bridge	Santiago Calatrava
Chiado Housing	Álvaro Siza
Bairro Alto Metro Station	Álvaro Siza
Expo 98 Grounds	

Portugal Pavillion	Álvaro Siza
Estação do Oriente	Santiago Calatrava
Porto Bridges	Gustave Eiffel
Metro de Porto	Eduardo Souto Moura
Casa da Musica	Rem Koolhaas/OMA
Boa Vista Towers	Eduardo Souto Moura
Restaurante Boa Vista	Álvaro Siza
Leça Swimming Pools	Álvaro Siza
Porto School of Architecture	Álvaro Siza
Cathedral and Plaza of Santiago de Compostela	
Centro Galego de Arte Contemporaneo	Álvaro Siza
Galicia City of Culture	Peter Eisenman
School of Communications	Álvaro Siza
Auditorio Ciudad de León	Mansilla y Tuñón
MUSAC	Mansilla y Tuñón
Burgos Cathedral	
Museum of Human Evolution	Juan Navarro Baldeweg
Bilbao Metro	Norman Foster
Guggenheim Bilbao	Frank Gehry
Euskalduna Palacio de Congresos	Soriano y Palacios
Deusto Library	Rafael Moneo
Barakaldo Soccer Stadium	Eduardo Arroyo/NO.MAD
Kursaal	Rafael Moneo
Peine de los Vientos	Eduardo Chillida
Chillida-Leku Museum	Eduardo Chillida
Real Club Náutico	Aizpurúa y Labayén
Addition to Bullring	Rafael Moneo
Baluarte Palacio de Congresos	Patxi Mangado
Plaza de los Fueros	Rafael Moneo
Archivo General de Navarra	Rafael Moneo
Museo Oteiza	Franciso Sáenz de Oiza
Zaragoza Bridge Pavilion	Zaha Hadid
Expo Building	Basilio Tobias
Spain Pavillion	Patxi Mangado
Palacio de Congresos	Sobejano y Nieto
La Seo Cathedral	
Nuestra Señor del Pilar	
Palau Guell	Antoni Gaudí
Palau de la Música Catalana	Lluís Domènech i Montaner
Casa Milá, Casa Batlló	Antoni Gaudí
Casa Amatller	Josep Puig i Cadafalch
Sagrada Família	Antoni Gaudí
Hospital de Sant Pau	Lluís Domènech i Montaner
Parc Guell	Antoni Gaudí
CCCB	Villaplana y Piñón
MACBA	Richard Meier
Mercado de Santa Caterina	Enric Miralles and Benedetta Tagliabue
Torre Agbar	Jean Nouvel
Hotel Habitat Sky	Dominique Perrault
Parc del Poblenou	Jean Nouvel
Parc Diagonal Mar	Enric Miralles and Benedetta Tagliabue

Illa de la Llum Housing  
Barcelona Forum  
Forum Solar Collector and Promenade  
Barcelona Pavilion  
Caixa Forum Barcelona  
Museu Nacional d'Art de Catalunya  
Fundació Miró  
Palau Sant Jordi  
Olympic Plaza and Stadium  
Barcelona Botanic Gardens  
Montjuic Cemetery  
Igualda Cemetery  
Barceloneta Housing  
Gas Natural Building  
Fish Sculpture  
Mapfre Tower  
Hotel Arts  
Walden 2 Housing  
L'Illa Complex  
L'Auditori  
Library and Senior Center

Lluís Clotet  
Herzog & deMeuron  
Torres and Lapeña  
Ludwig Mies van der Rohe  
Arata Isozaki  
Gae Aulenti, conversion  
Josep Lluís Sert  
Arata Isozaki  
  
Carlos Ferrater and Bet Figueras  
  
Enric Miralles and Carme Pinós  
Josep Antoni Coderch  
Enric Miralles and Benedetta Tagliabue  
Frank Gehry  
Ortiz and León  
SOM  
Ricardo Bofill  
Rafael Moneo and Manuel Sola-Morales  
Rafael Moneo  
RCR Architects

**Cities Visited:**

Madrid  
El Escorial  
Toledo  
Córdoba  
Granada  
Sevilla  
Mérida  
Lisbon  
Porto  
Santiago de Compostela  
León  
Burgos  
Bilbao  
San Sebastián/Donostia  
Pamplona  
Zaragoza  
Barcelona

## **BUDGET: (all prices subject to change)**

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### **Airfare:**

ORD-MAD / BCN-ORD

Unfortunately, this is the best rate available now. This may change, either for better or worse. We suggest using [farecast.com](http://farecast.com) to monitor prices. Don't expect them to get much cheaper than this, though. June is a peak travel time, and you'll unfortunately have to pay for it.

Sometimes the STA Travel student rates aren't noticeably better than what you can find on Hotwire or from the airlines directly. It's cheapest to travel Monday-Thursday. Sometimes airlines like KLM or Aer Lingus have amazing sales, but they appear and disappear quickly. Stay on top of the situation, and you could save money here.

### **STA TRAVEL Student Rate - Continental Airlines**

**\$1062**

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### **Rail Travel:**

Web booking of all RENFE travel, with at least 30 days notice: \$275 (209 EUR)

or

Eurail One Country Ten Trip Pass + 3 additional trips: \$456

Web booking of CP train: Lisbon-Porto \$36 (28 EUR)

Web booking of 2 bus trips \$47 (36 EUR)

As you can see, it pays to book online, and with as much advance notice as possible. Prices can double if you buy tickets at the station on the day of travel. If you're willing to pay for flexibility, the Eurail pass might make some sense, but it costs quite a bit more than the advance web purchase price of individual tickets. If you don't want to book online, go with the Eurail 10 day pass.

### **TOTAL RAIL TRAVEL:**

**\$358**

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### **Lodging:**

30 nights, no-frills youth hostel, shared rooms (average): \$32 (25 EUR) / night

We've used as a base the Hostelling International chain of youth hostels. You can, no doubt, spend quite a bit more than this, and perhaps a bit less than this, but the HI hostels are dependable and clean. Reserve online.

### **TOTAL LODGING:**

**\$960**

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### **Food**

Assuming most meals assembled at supermarkets, little dining out. \$26 (20 EUR) / day

We're not assuming restaurant food in the budget, but if you're interested in eating out (and you'll of course want to do some of this), some basic ballpark estimates for everyday cheap "cafeteria" food.

Breakfast: Café con leche, 1 Croissant, Orange Juice : \$6.65 (5 EUR)

Lunch Menú del Día : Starter, Main Dish, Drink, Dessert : \$13.31 (10 EUR)

Dinner: Shared Tapas, Drink \$13.31 (10 EUR per person)

### **TOTAL FOOD:**

**\$520**

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**Museum/Tour Admission Fees**

With student discount card from STA Travel

\$8 (6 EUR) / day

**\$240****Urban Transit**

We'll be doing a lot of walking, but we still assume you'll need two 10-trip subway/bus passes in both Madrid and Barcelona, and a budget of perhaps \$2.66 (2 EUR) per day for the remaining 19 days

Madrid Metrobús 10 Trip Tickets:	2@ \$9.85 (7.40 EUR) :	\$19.70
Barcelona T-10 Tickets:	2@\$10.25 (7.70 EUR) :	\$20.50
Other urban transit	\$2.66 (2 EUR) x 19 days:	\$50.54

**TOTAL URBAN TRANSIT:****\$90****Course Fee****\$500****TOTAL BASIC BUDGET:****\$3730**

Obviously, a person can spend a lot of money eating very well, and buying lots of souvenirs – we haven't included any of that in the above number. You might want to include a 20% contingency for the inevitable splurging you'll do on something that seems reasonable at the time: a good restaurant now and then, perhaps a night or two at a decent hotel, books, ridiculous items of clothing you'll never wear again, etc.

**CONTINGENCY: (20%)****\$746****WAYS TO SAVE**

Clearly, the two biggest unavoidable expenses will be your airfare and lodging. Unless you have a stash of frequent-flier miles ready to go (and if you do, book your flight NOW!) it is difficult to get a flight for less than \$1000.

It will be possible to save some money on lodging, though. We've assumed the Hostelling International chain as a benchmark, but on hostelbookers.com we have found beds in most of the cities on our trip for 15 EUR (about \$20), which would take a total of **\$360 off** the total price. We suggest searching the reviews of these cheap hostels on tripadvisor.com (some of these are excellent, and others are frankly disgusting) and then booking directly with the hostels themselves. Don't use a booking agent of any kind – they don't work for free.

Food and drink is another place you can save. We have estimated 20 EUR per day, assuming you prepare most of your food yourself. Spanish tap water is excellent, and if you bring a reusable bottle, you never need spend a cent on water. Also, hostels generally have kitchens, and supermarkets are omnipresent in Spanish and Portuguese cities. If you're really diligent about preparing your breakfast and dinner at the hostel, and packing a sandwich to eat at midday, you can perhaps scrape by on \$13 (10 EUR) per day. This is an absolute minimum, and you'd unfortunately be missing out on Spanish and Portuguese food, but such is the life of the backpacker. This extreme dietary economy might save you **\$260 off** the total price.

Finally, you might pray for the dollar to strengthen against the euro. It's been improving lately; from August to January, it strengthened almost 30 cents. In the unlikely case that this trend should continue, the dollar and euro would be equal in June, and the total price of your trip would be about **\$700** less. Given the instability right now, however, don't count on this happening.