CALIFORNIA STATE UNIVERSITY
CHANNEL ISLANDS

http://www.csuci.edu/ira/index.htm

Application
Instructionally Related Activities Funds Request
2010-2011 Academic Year
DEADLINE: Fall and Academic Year 3/31/12
Spring TBD

Applications must first be sent to the appropriate program chair. Chairs will the recommend and route them to the Dean's Office for review and authorization. The Dean's Office will then forward them to the IRA Committee for consideration.

Activity Title: UNIV 392 - FRANCE & SWITZERLAND
Project Sponsor/Staff (Name/Phone): Ivona Grzegorczyk, Jesse Elliott
Activity/Event Date(s): May 19-30, 2013
Date Funding Needed By: January 31, 2013,
**Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2012 and for Spring Requests early January 2013.

Please check if any of the following apply to your IRA:

Equipment Purchase	Field Trip
Event	Participant data collection for public
IT Requirements	dissemination, i.e. interviews/surveys that
X International Travel	result is a journal/poster session/newsletter
Space/OPC Requirements	Risk Management Consultation
Infrastructure/Remodel	Late Submission
Other _____	

Previously Funded: YES XNO Yes, Request # _____

Does your proposal require IRB (Institutional Review Board) approval: Yes X No

Assessment submitted for previously Funded Activity: X YES NO

Academic Program or Center Name and Budget Code:
MATHEMATHICS 750

Date of Submission: September 27 , 2012

Amount Requested: $40,558.00
(Should match item 2. E. on page 4)

Estimated Number of Students Participating:

Application
Instructionally Related Activities Funds Request
2010-2011 Academic Year

Conditions and Considerations

Equipment Purchase-If requesting large equipment, Project Sponsor must show proof of correspondence with OPC Administration. In addition, all other purchases must follow Procurement Guidelines

Events-Attach copy of Events and Facilities Use Request Form (Public Folders-Events & Facilities folder) Consider time frame for set-up and take down.

Participant Data Collection for Public Dissemination-If Project Sponsor proposes to conduct research with human participants then it may be subject to IRB (Institutional Review Board for the Protection of Human Subjects) review. It is the Project Sponsor's responsibility to inquire with the IRB **prior** to IRA application submission to determine if the project is exempt from IRB review so that funding is not delayed. Please indicate on the cover page if your project is exempt from IRB review.

Field Trip-If approved, Identified Risks of Participation and Release Agreement must be submitted for each student to the Program Office (Public Folders-HR Forms).

IT Requirements-Requires proof of correspondence and approval from IT Administration

International Travel-Requires International Travel application be submitted to Center for International Affairs.

SUBMITTED to CIA Sept 27, 2012

Risk Management Consultation-Requires proof of correspondence with Risk Management.

Space/OPC Requirements, Infrastructure/Remodel-Requires proof of correspondence with OPC Administration .

Late Submission - Requires explanation for emergency funding.

Fiscal Management: Project Sponsor's program will be responsible for all costs incurred over and above what is funded through the IRA award and will be responsible for seeing that any revenue that is intended to offset the amount of the IRA award is transferred accordingly.

Application
Instructionally Related Activities Funds Request
2010-2011 Academic Year

Requirements and Signatures

Please provide the following in your application:

1. **Brief Activity Description.** Describe the activity and its relationship to the educational objectives of the students' program or major.

UNIV 392: *Mathematics, Science, Music, Art and Philosophy - France and Switzerland.*
Instructors: Dr. Jesse Elliott and Dr. Ivona Grzegorczyk (Mathematics)
Country & Dates of Trip: France and Switzerland, May 19-30, 2013

This multicultural and interdisciplinary course combines the STEM disciplines with philosophy, art and music of France (where we will visit science and art institutions) and Switzerland (where we will visit CERN – the famous center for high energy particle collisions where scientist from all over the world work together). This course will give students an invaluable exposure to major historical accomplishments in science, architecture, art, music and philosophy of the region, providing them with practical and historical knowledge of the interdisciplinary applications of mathematics and science. The course has no prerequisites and invites all students to apply. The course meets objectives of all STEM disciplines and meets the university international and multicultural requirements.

2. **Relation to IRA to Course Offerings.** All IRAs must be integrally related to the formal instructional offerings of the University and must be associated with scheduled credit courses. Please list all classes that relate to the program proposed.

This proposal is to offer the course with international component:
UNIV 392: *Mathematics, Science, Music, Art and Philosophy - France and Switzerland.*
Participating students will present their projects at MATH 499 *Senior Colloqium* (open to the entire community) and at the foreign universities.

3. **Activity Assessment.** Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note a report will be due at the end of the semester.**

Course Credit and Contact Hours: Students will receive 1 unit of credit for this course. Contact hours will include 10-15 hours on the CSUCI campus, on student projects and orientations, and 10-16 contact hours per day during the trip. All activities and meetings are mandatory.

Grading:

Project preparation and presentation	20%
Trip activities	55%
Pre-Trip Activities	10%
Post-trip Poster	15%

Participation: Students are expected to present a project involving philosophy, architecture, art, math, music or technology in France or Switzerland, to listen to other student's projects and talks, to participate in discussions with foreign scientists and students, and to attend excursions to art museums, music events, and architectural and cultural sites. The student projects will be prepared prior to the trip under the supervision of the instructors. During the trip students will present their projects and attend other talks and exhibitions.

4. **Activity Budget.** Please enclose a complete detailed budget of the entire Activity **bold** specific items of requested IRA funding. (Page 4)

5. **Sources of Activity Support.** Please list the other sources of funding, and additional support for the activity.

7. **Acknowledgment.** Project Sponsor and Program Chair acknowledge that they have reviewed and accepted the Conditions and Considerations detailed on page 2.

Signatures and Dates

Jim Elliott — Sept 27, 12 (Date)

Ivona Grzegorczyk — Sept 27, 12 (Date)

Karen Carey — 9/3/12 (Date)

Application
Instructionally Related Activities Funds Request
2012-2013 Academic Year

ACTIVITY BUDGET FOR **2012-2013**

1. Operating Expense Budget

A. Supplies	provided by the Math Dept
B. Vendor Printing	provided by the Math Dept
C. In-State Travel	
D. Out-of-State Travel	**$ 58,260.00**
E. Equipment Rental	
F. Equipment Purchase	
G. Contracts/Independent Contractors	
H. Honorarium	
I. OPC Chargeback	
J. Copier Chargeback	
K. Other (Please Specify)	
TOTAL Expenses	**$ $ 58,260.00** see attached budget

2. Revenue

A. Course Fees	will be charged
B. Ticket Sales	
C. Out of Pocket Student Fees (exclusive of course fees)	
D. Additional Sources of funding (Please specify And indicate source)	
Total Revenue	
Total Requested from IRA	**$ 40,558.00** see attached budget

UNIV 392 France and Switzerland
2013 Elliott, Grzegorczyk

Number of Students			15			
Number of Faculty			2			
I	**Students traveling expenses:**		**Cost/ea**	**# Requested**	**Total**	**Comments/Additional Notes**
		Airfare	$ 1,500.00	20	$ 30,000.00	Tickets by university travel agency
		Ground Transportation	$ 200.00	20	$ 4,000.00	trains, buses
		Hotel Accommodation	$ 60.00	9 nights x 20	$ 10,800.00	
		Registration Fees	$ -	0	$ -	
		Entrance Fees	$ -			museums
		Meals	$ 25.00	20 x 10 days	$ 5,000.00	
		Cultural Activities	$ 100.00	20 students	$ 2,000.00	museums, concerts
		Travel Insurance	$ 60.00	20	$ 1,200.00	
		Vehicle/Van Rental	$ -	0	$ -	
	Other:		$ -	0	$ -	
II	**Faculty Traveling Expenses:**		**Cost/ea**	**# Requested**	**Total**	**Comments/Additional Notes**
		Airfare	$ 1,500.00	2	$ 3,000.00	
		Ground Transportation	$ 180.00	2	$ 360.00	
		Hotel Accommodation	$ 60.00	18	$ 1,080.00	
		Registration Fees	$ -	0	$ -	
		Entrance Fees				
		Meals	$ 250.00	2	$ 500.00	
		Cultural Activities	$ 100.00	2	$ 200.00	museums, concerts
		Travel Insurance	$ 60.00	2	$ 120.00	
	Other:		$ -	0	$ -	**
	Other:		$ -	0	$ -	**
III	**Operating Expense Budget**		**Cost**	**Comments/Additional Notes: Please be Specific**		
		Supplies	$ -	provided by the Mathematics Department		
		Printing/Copying	$ -	provided by the Mathematics Department		
	Other:		$ -	**		
	Other:		$ -	**		
	Other:		$ -	**		
IV	**Out of Pocket Student Expenses**		**Cost/ea**	**Comments/Additional Notes: Please be Specific**		
		Health Insurance	n/a	Not funded by IRA or the University		
		Tuition/Registration	n/a	Not funded by IRA or the University		
	Other:		n/a	Not funded by IRA or the University		
	Other:		n/a	Not funded by IRA or the University		
Total costs of the trip						
	Total Student Traveling Expenses				$ 53,000.00	
A	**Maximum IRA funding @ 2/3rd total cost**				**$ 35,298.00**	
	Remaining 1/3 is payable by students throu				$ 17,702.00	
B	Faculty Travelling Expenses, funded at 100%				$ 5,260.00	
C	Operating Expenses, funded at 100%				$ -	
	Total IRA funding Requested (Total of A, B &				**$ 40,558.00**	
	Out of Pocket Student Expenses, not funde				$ 17,702.00	

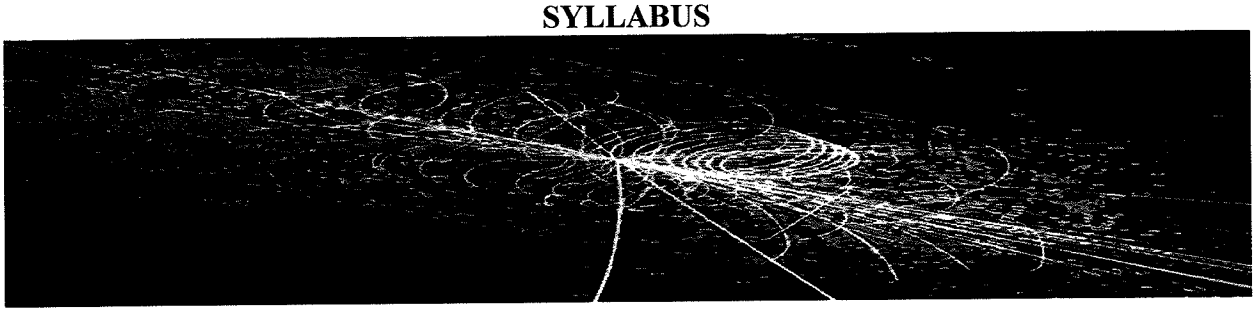
Form IA-1

UNIV 392 INTERNATIONAL EXPERIENCE COURSE PROPOSAL
California State University Channel Islands

Course Name & Number:
UNIV 392: ***Mathematics, Science, Music, Art and Philosophy - France and Switzerland***
Instructors **Dr. Jesse Elliott (Mathematics) and Dr. Ivona Grzegorczyk (Mathematics)**

Country & Dates of Trip: **France and Switzerland, May 19-30, 2013**

SYLLABUS



Course: UNIV 392 ***Mathematics, Science, Music, Art and Philosophy - France and Switzerland***

Description: This multicultural and interdisciplinary course combines the STEM disciplines with philosophy, art, and music of France and Switzerland. The objective of this course is to give students exposure to major international and historical accomplishments in engineering, art, music, and philosophy, with particular focus on France and Switzerland, and to provide students with practical and historical knowledge of the interdisciplinary applications of mathematics and science. The instructors are experts, respectively, in connections between the STEM disciplines and art (Ivona Grzegorczyk) and music and philosophy (Jesse Elliott). The course has no prerequisites and invites all students to apply. The instructors will select students though an application process on the basis of the students' maturity and dependability, on their interest in mathematics, science, art, philosophy, and music, and on recommendation letters from faculty.

The connections between mathematics, science, art, philosophy, and music, are very deep and span many cultures and historical times. France is a world center of modern philosophy and mathematics and of many visual and performing arts (including impressionism in painting and music, and great philosophers such as Descartes, Rousseau, Diderot, Sartre, Beauvoir, Camus, and Levi-Strauss). It is the location of many famous museums and spectacular architecture, such as the Eiffel Tower and Louvre in Paris, and Versailles and Fontainebleau castles. Our travel will begin by visiting Paris and its museums, following to Dijon and Geneva in Switzerland. We will then have the unique opportunity of visiting CERN's the Large Hadron Collider, currently the world center of modern particle physics and the largest engineering project undertaken in human history, where we will be hosted by CSU faculty currently working there. This will be the highlight of our travels. We will follow to Chambery (the home of the philosopher JJ Roseau) where we will be hosted by the Universite de Savois. There we will visit TechnoLac – the leading French research center for sustainability. We will follow to Lyon to visit their science museums and the university. The program includes discussions and presentations at the science centers, as well as music, and art activities. The program has a very interdisciplinary approach, and representatives from many fields are invited to attend. It also has strong cultural, artistic and

scientific value and is suitable for an undergraduate audience. Students will be assigned a project to research one interdisciplinary application of STEM disciplines or their applications to art, philosophy, or music that is relevant to the travel program. For example, a student may choose to research information about the Higgs boson in particle physics (often called "the God particle") and connections to mathematics and philosophy. Several possible topics for the projects will be provided by the instructors, who themselves are experts in the relevant interdisciplinary applications. There will be several class sessions prior to the trip during which students will be given guidance on a) their projects and presentations, b) the history and culture of the regions, and c) preparation and orientation for the trip. The students will present their projects in the mathematics seminar MATH 499 before the trip. There will also be one post-trip presentation for the entire university population with a poster and project session. This class will be limited to 20 CSUCI students.

Learning Objectives:

This is a unique course designed to enhance the interdisciplinary, multicultural, and international perspectives of the student and stimulate interest in applications of mathematics to art, music, architecture and philosophy, as well as history and foreign cultures. Through this course students will learn to:

- Recognize and appreciate the beauty, design, and engineering of many artistic, architectural, and scientific works, especially those from the regions visited, including the Large Hadron Collider in Geneva, Switzerland.
- Describe some historical and modern mathematical and/or scientific influences on art philosophy, and music around the world.
- Choose one of the following:
    - Identify the mathematical background of compositions in the arts, apply rules of harmony, such as the 'golden ratio' proportion, in those compositions, and identify some aspect of patterns and symmetry in works of art and/or music.
    - Design modern artistic and/or musical projects following mathematical rules.
    - Discuss a concept in the STEM disciplines, such as the Higss boson, and its connection to philosophy and mathematics.
- Discuss scientific, artistic, and philosophical ideas in an international forum.
- Recognize some philosophical, musical, and artistic accomplishments of France and Switzerland and the role of the STEM disciplines in those accomplishments.
- Present mathematical ideas in an oral and written form using technology.

Course outline:

In this course students will

- Obtain exposure to major international and historical accomplishments in engineering, art, music, and philosophy, with particular focus on France and Switzerland and the Large Hadron Collider in Geneva.
- Obtain practical, cultural, and historical knowledge of the interdisciplinary applications of the STEM disciplines to art, music, and philosophy.
- Research, prepare, and present on at least one application of STEM disciplines to art, music, or philosophy.
- Become familiar with the cultures, peoples, and accomplishments of France and Switzerland.

Instructors: Jesse Elliott

22758 Bell Tower East, Phone: (805) 437-2768, E-Mail: jesse.elliott@csuci.edu
Ivona Grzegorczyk,
2756 Bell Tower East, Phone: (805) 437-8868, E-Mail: ivona.grze@csuci.edu

Dr. Grzegorczyk is an expert on mathematics and science in art and architecture, and Dr. Elliott is an expert on mathematics in music and philosophy. The instructors have travelled the world, have visited France on several occasions, and are very familiar with the regions, history, and culture of France and Switzerland. Dr. Elliott spent time in France during a recent sabbatical. Both instructors have several professional local contacts in mathematics and technology institutions that students will visit that will help with organizing student activities. As an integral part of the class, before, during, and after the trip, the instructors will provide students with instruction regarding various interdisciplinary applications of STEM disciplines to art, music, and philosophy, and also provide students with cultural background and a cultural program that will help them understand international contributions to these areas and help them attain international perspectives. Both faculty offer unique contributions that will allow the course to meet these objectives.

Course Dates: There will be several class meetings before the trip. Students will work on their projects in special sessions and seminar presentations will be held prior to trip. We will travel on May 19, 2013 to Paris and return to California on May 30 from Lyon. Presentations and a poster session will be scheduled before and after the trip in Spring 2013.

Place: Pre and Post Trip class sessions will be on campus at CSUCI.

Prerequisites: Consent of instructors and CIA

Text: An electronic course-pack will be provided.

Course Credit and Contact Hours: Students will receive 1 unit of credit for this course. Contact hours will include 10-15 hours on the CSUCI campus, on student projects and orientations, and 10-16 contact hours per day during the trip. All activities and meetings are mandatory.

Assignments: Students will be required to present a project involving an interdisciplinary application of STEM disciplines to philosophy, architecture, art, math, or music, with a focus on France or Switzerland. Several possible topics for the projects will be provided by the instructors, who themselves are experts in the relevant interdisciplinary applications. For example, a student may choose to research information about the Higgs boson in particle physics (often called "the God particle"), recently confirmed to exist by researchers at the Large Hadron Collider, and its connections to mathematics and philosophy. A scoring rubric will be provided. The student projects will be prepared and presented prior to the trip under the supervision of the instructors. Updated posters will be presented after the trip at CSUCI seminars and other venues.

Students with Special Needs: Students with physical or learning disabilities are encouraged to contact student services (437-8510) for personal assistance.

Grading:	Project preparation and presentation	20%
	Trip activities	55%
	Pre-Trip Activities	10%
	Post-trip Poster	15%

Participation: Students are expected to present a project involving an interdisciplinary application of STEM disciplines to philosophy, architecture, art, math, or music, with a focus on France or Switzerland. Students will be required to listen to and provide feedback on other students' projects and talks, to participate in discussions with foreign scientists and students, and to attend excursions to art museums, music events, and excursions to architectural and cultural sites. The student projects will be prepared prior to the trip under the supervision of the instructors. After the trip students will present their projects to the university community, discuss the insights they gained from their travels, and attend the talks and exhibitions of their peers.

The Internet: We will use e-mail, the math web site, and Blackboard to communicate.

Course Outline: This outline is tentative. Adjustments will be announced later.

Mathematics, Science, Music, Art and Philosophy - France and Switzerland

Student Recruitment

If approved, the course will be advertised in Fall 2012 and early Spring 2013 with fliers and e-mails. Students will fill out an application with the following information: faculty recommendation, GPA, mathematics and science courses, mathematics, science, and artistic interests, student contribution to the CSUCI STEM programs and/or the university, student projects and presentations. The top students will be selected for this trip by the instructors on the basis of their interdisciplinary interests - Ivona Grzegorczyk (art and science), Jesse Elliott (music and philosophy) - under the CIA guidelines. Students selected will be expected to be majoring or minoring in a STEM discipline.

Cost of Trip (per student and estimated total)

The following are approximate costs of the event. At a 66% funding rate the projected cost for each student would be $750.

Cost of Trip (20 students, estimated)	
Air Fare (20 students)	$30,000
Ground Transportation	$ 4,000
Accommodation (9 nights x 15 students)	$ 10,800
Meals (9 days x 15 students)	$ 5,000
Travel Insurance	$ 1,200
Cultural Events/concerts/museum	$ 2,000
TOTAL for 20 students	$ 53,000.00

Two Faculty	
Air Fare 2 x $1,500	$3,000
Ground Transportation	$ 360
Accommodation (9 nights x 15 students)	$ 1,080
Meals (9 days x 15 students)	$ 500
Travel Insurance	$ 120
Cultural Events/concerts/museum	$ 200
TOTAL for two faculty	$ 5,260

TOTAL **$ 58,260.00**

Funding requested **$ 40,558.00**
(See the attached budget for calculations)

Logistical Arrangements

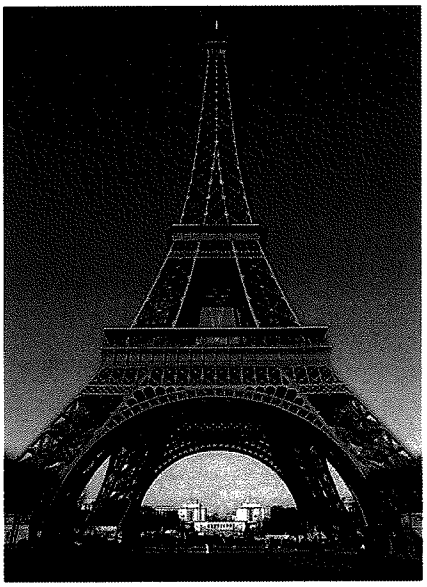
To lower the costs, we will use University's dorms or inexpensive hotels in France and at CERN for the students, which we expect to be about $60 per student per night for double rooms. Transportation in Europe will be by bus and train.

Security

France and Switzerland are highly developed countries, very safe to visit. Millions of U.S. citizens visit there every year, and many Americans reside there year-round. Medical care is available at the high standard level. Pre-trip orientations will include detailed information about health, safety, and emergency contacts and procedures. The two instructors are very familiar with the region, and one of the instructors is familiar with the language.

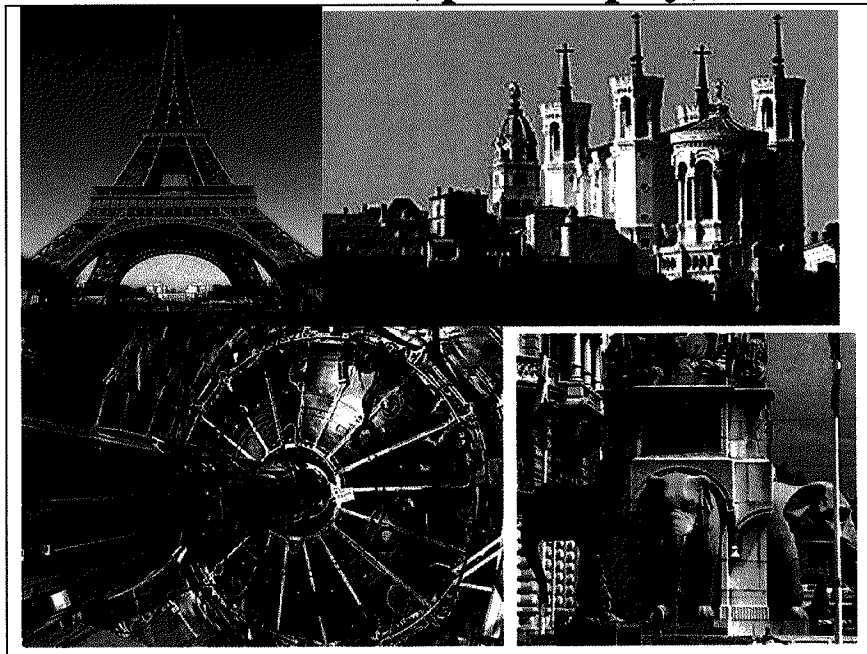
Notes

-Students will buy their health insurance through the CSU system.
-Students will sign all required forms.
-Students will obtain their passports.
-Students will know the cost of the trip ahead of time.
-The course will be advertised across the entire university and an effort will be made to attract students across varying majors, cultures, and economic statuses.



UNIV 392 France and Switzerland

Mathematics, philosophy, art and music!!! 10 days in MAY 2013



APPLY BY FEBRUARY 15st

- Univ 392, 1-Credit
- Visit Great European Cites
- Learn about culture and history
- Meet foreign students
- Travel with CSUCI professors
- Enjoy art, science, philosophy and history
- Art, philosophy, science or music projects
- Have fun!!!!!!!

APPLICATION FORMS with Math Office in BELL TOWER EAST second floor.

ITINERARY

UNIV 392 ***Mathematics, Science, Music, Art and Philosophy - France and Switzerland***
Instructors : Dr. Jesse Elliott and Dr. Ivona Grzegorczyk

May 19 – 20 LAX – Paris –by plane

All travel in France and Switzerland by train, subway and buses.

May 20 – 23 Paris – the art and architecture center of France
- Eiffel tower, etc.
- Sartre and Simone de Beauvoir - existentialism
- Louvre - Painting (including Impressionists;) sculpture
- Versailles – history and architecture
- Sorbonne and Claude Lévi-Strauss
- University of Paris V: René Descartes – math and philosophy
- University of Paris VII, Denis Diderot – philosopher and his Encyclopedia

May 24 Fontainebleau – the historical center of France
- Fontainebleau Castle and Forest
- Edict of Fontainebleau and religious freedom

May 25 Dijon - the capital of Burgundy
- Old town with Gothic and early Renaissance music, painting, and sculpture
- Cathedral

May 26-27 Geneva – CERN
- hosted by CSU and other American physicists
- visiting the particle collider
- visiting the town

May 28 Chambery - the historic capital of Savoie (Savoy)
- hosted by Tecnolac research park– modern center for sustainability
- hosted by Universite de Savoie in Chambery - STEM
- Castle and the old town – history of the region
- Philosopher Jean-Jacques Rousseau's museum – Social Contract

May 29 Lyon
- Visiting Universite de Lyon
- Old town and the cathedral
- Roman ruins

May 30 – Lyon – LAX - by plane

OREINTATION SESSION 1.

UNIV 392
Mathematics, Science, Music, Art and Philosophy
France and Switzerland
Instructors : Dr. Jesse Elliott, Dr. Ivona Grzegorczyk

1. Course syllabus and what should you do before we go?
2. Interlibrary – museums and architecture.
3. History and culture of the region.
4. Mathematics, Science, Music, Art and Philosophy of the region.
5. CERN visit.
6. What to do/not to do when meeting with feign students and faculty.
7. Students' presentations preparation.
8. Presentations of projects in the mathematics seminar before the trip.
9. Post-trip presentation - a poster and project session.
10. Logistics for the trip. –What to take what to wear?
11. Basic French expressions.
12. Health insurance, student international cards, currency exchange.
13. Communications abroad – cell phones, Internet.
14. Emergency numbers, American Embassy.

STUDENT APPLICATION
UNIV 392 FRANCE and SWITZERLAND MAY 2013

Mathematics, Science, Music, Art and Philosophy

Instructors : Dr. Jesse Elliott and Dr. Ivona Grzegorczyk

May 19-30, 2013 (dates tentative)

NAME _____

PHONE _____

EMAIL _____

YEAR (freshman, sophomore, junior, senior, graduate) _____

MAJOR(S) _____

MINOR(S) _____

CSUCI GPA _____

TWO HIGEST LEVEL MATH COURSES TAKEN _____

EXPLAIN ONE INTEREST YOU HAVE AMONG THE FOLLOWING SUBJECTS: SCIENCE, ART, PHILOSOPHY, MUSIC, ARCHITECTURE

_____

_____

_____

HOW HAVE YOU BEEN INVOLVED IN CONTRIBUTING TO THE MATHEMATICS PROGRAM AND TO THE UNIVERSITY COMMUNITY (list clubs, projects, competitions, outside presentations, tutoring, and other student activities)

_____

_____

_____

_____

_____

_____

_____

TWO CSUCI FACULTY MEMBERS WHO HAVE AGREED TO GIVE YOU A RECOMMENDATION

_____

_____

Return to Prof. Ivona Grzegorczyk or Prof. Jesse Elliott by February 10, 2013

Channel Islands
CALIFORNIA STATE UNIVERSITY

Approved by CIA

CIA Form A1

Please answer all questions under Course Information and sections II through IV. Complete the attached budget sheet. Attach syllabus and itinerary requested in sections I and IV. Print, sign and obtain Academic Chair signature. Submit form to Antonio Jimenez, BT 1275.

UNIVERSITY 392: INTERNATIONAL EXPERIENCE COURSE PROPOSAL

COURSE INFORMATION

Instructor(s): Jesse Elliott and Ivona Grzegorczyk

Travel location(s): France and Switzerland

Dates of trip: May 19-30, 2013

Course title: Mathematics, Science, Music, Art and Philosophy - France and Switzerland

Number of units (1-3): 1

Academic area of the faculty proposing course: Mathematics

Faculty rank: Ivona Grzegorczyk - Professor ; Jesse Elliott Associate Professor

Faculty email: ivona.grze@csuci.edu ; jesse.elliott@csuci.edu

Proposed minimum enrollment: 20

Proposed maximum enrollment: 20

Grading method (letter grade, credit/non credit): letter grade

Do the dates of the program conflict with regular classes/faculty workdays? ☐ Y ☒ N

Have you offered this program before? ☐ Y ☒ N

I) SYLLABUS

Please, attach a syllabus for this course providing the following required information:

1. Professor's name(s), office location, office hours, contact information.
2. Course description, course content and format of the course (classroom lectures, field trips, seminars with local experts, etc.)? Include this information for the portions of the course that are conducted within the United States and within the international country. How will the content of the course you plan to teach be related to the travel-study destination?
3. Student learning outcomes and how they relate to the program/major outcomes and the University mission.
4. Required elements, which may include assignments, readings, attendance and course participation policies, etc.

5. Grade information as specified in the Channel Islands Policy on Grades (SP01-38)
6. Evaluation criteria (it can include student behavior as it relates to citizenship, punctuality, helpfulness, working well with the group, being responsible and respectful to the host culture and their people, etc.)
7. Academic honesty information as specified by the Policy on Academic Dishonesty (SP01-57)
8. Channel Islands Disability Statement
9. Tentative class schedule and itinerary (It is recommended to include a "subject to change" disclaimer)

Please respond to the following in the space after each item:

II) FACULTY INFORMATION

1. What is your own linguistic, cultural, and/or academic experience with the travel study destination? If you have limited experience with the destination, explain how you plan to maximize student safety (for instance, will you be using a local tour company or tour guide?) Ilvona Grzegorczyk worked in Paris in the past (Institute Henri Poincare, Universite de Paris) and visited the country on various occasions. She has been to Switzerland as well. She has good knowledge of French. Jesse Elliott spent his sabbatical in France last year and visited France for conferences many times.

2. Previous experience leading groups of students (nationally or internationally). Yes. Ivona Grzegorczyk with Dr. AJ Bieszczad- led a group of CSU studnets to Poland in 2007 and with Dr. Jorge Garical to Mexico twice . Dr. Ivona with Dr. Jesse Elliott led CSU studnets - to Itally 2010 andHolland and Belgium 2007.

III) RECRUITMENT AND ORIENTATION

1. How will students be recruited? Regular CI students should have at least one recommendation from a faculty member other than the teacher for the overseas course. Students will fill out an application with the following information: two faculty recommendations, GPA, mathematics and science courses, philosophy, music, mathematics, science, and artistic interests, student contribution to the CSUCI, STEM programs and/or the university, student projects and presentations.

2. For whom is the course designed (CI undergraduate students, CI graduate students, students with a certain program area, open university students, others)? Will there be any priority order when accepting

students to the program? Enrollment is open to all students interested. Students will be selected for this trip by the instructors on the basis of their interdisciplinary interests in mathematics, arts, music and/or philosophy (under the CIA guidelines). Students selected will be expected to be in good standing and majoring or minoring in a STEM discipline or with strong interest in them.

3. **Attach an outline for the orientation session(s) for students**. Make sure the orientation includes comments on the security of the country, both politically and medically, as determined from reports issued by the State Department.

IV) LOGISTICAL ARRANGEMENTS

1. Will your travel arrangements (e.g., accommodations, meals, excursions, airfare) be managed by an independent provider (e.g., AIFS, CEA, ISA, Australearn), a foreign university, or a travel agent? Please explain. The university travel agent will buy the plane tickets for the group. We will reserve the loging in the Spring after receiving funding. We will be hosted by several institutions (Universities and CERN), that will help in provide housing for the group. Some tickets for the museums and cultural events will be bought ahead of time on-line. All other arrangemnets will be done by the leading fuculty in France and Switzerland.

2. Housing: where will be the students stay during the study abroad experience? If staying with host families, are meals included? To lower the costs, we will use University's dorms or inexpensive hotels in France and at CERN for the students, which we expect to be about $60 per student per night for double rooms. Transportation in Europe will be by bus and train. We are working on the confiramtions at this time.

3. Meals: Are meals arranged for the students? If not, where can students find their own food? Daily breakfast will be provided. For other meals we will be using student /science centers caffeterias and inexpensive restaurants.

4. Transportation: What are the transportation arrangements for the trip? If traveling from location to location, what means of transportation will be used? LAX - Paris and Lyon -LAX by plane. All other travel will be done by local trains and buses.