IU SPEA in Pamplona Syllabus, 2016

Course Titles: Economic Evaluation of Health, Safety, and Environmental Programs in Europe and the United States.

Institutional Collaborators: Indiana University (USA) and the Public University of Navarra (Spain)

Location: Pamplona, Spain

Dates: Thursday, May 12th – Thursday June 2nd, 2016

Instructors: Justin Ross, Indiana University

Professor Ariadna Garcia Prado, Public University of Navarra

Guest speakers, T.B.D.

Credit Hours for IU Students: Three (SPEA-V482 or V582 course)

Course Language: English

Office Hours: TBD and scheduled as needed.

Program Overview

The course introduces the theory, methods, and application of economic evaluation to health, safety, and environmental programs. Applications cover preventive and therapeutic medicine, occupational and environmental health, consumer protection and injury control, and environmental programs and policy. There are no formal course prerequisites; a prior course in microeconomics or cost-benefit analysis is helpful.

“Economic evaluation” is a generic term that includes cost analysis, cost-benefit analysis, cost effectiveness analysis, and cost utility analysis. Unlike a business course, which focuses on profit/loss to the firm, this course is taught primarily from the societal perspective, thus, impacts on all citizens in society are considered.

The learning objectives of the courses are to:

1. develop an understanding of the theoretical underpinnings of economic evaluation;
2. learn how different types of economic evaluations are carried out in practice;
3. learn how to critically examine economic evaluations of specific programs;
4. explore how economic evaluation bears an impact on the real-world decision making responsibilities of authorities in the public and private sectors.

Course Format

The courses consist of 22 sessions lasting 90 to 105 minutes each. This sequence is punctuated by three excursion days. Sessions will consist of a mix of lectures, seminar discussion, group projects, case studies, and student presentations. Classes are held in the mornings and afternoons. See Attachment 1 for an overview of the course format and schedule.

Grading

A grade will be based on the following 4 assignments and attendance:

* 2 Economic Evaluation and Memo Assignments (20% each)
* 2 Problem Sets (20% each)
* Attendance (20%)

Assignments for undergraduate and graduate students will be the same, but the grading standard for graduate students will be appropriately more stringent. These will be built partly from work done in class, so engagement in class will be just as important as physically “attending” the course.

All assignments should be turned in electronically by uploading to Canvas.

Academic Integrity

As always, no form of academic dishonesty will be tolerated. If your instructors suspect academic dishonesty, you will be notified immediately and asked to explain your actions. If academic dishonesty is verified, you will receive a grade of zero for the particular work in question; repeat offense is ground for failure in the course. If you have questions or concerns on how to properly cite the work of others, please ask for help ahead of time. For more information about academic honesty and plagiarism, see the Indiana University Code of Student Rights, Responsibilities, and Conduct at <http://dsa.indiana.edu/Code/index.html>.

Attendance and Tardiness

Satisfactory attendance and classroom participation are necessary to excel in these courses. Due to the condensed nature of the courses, unexcused absences will not be approved. Excused absences require notification beforehand, with a valid reason for missing the class. Arrangements should be made with a classmate to take notes and obtain copies of handouts when absence is unavoidable. It is the student's responsibility to initiate contact with the instructor to make up missed work.

Required Readings

Essentials of Economic Evaluation in Health Care" by Elliot and Payne. Pharmaceutical Press, 2005 (posted on canvas)

Journal articles specifically assigned under various course topics (posted on Canvas)

Lecture Notes (Canvas)

Optional Reference (posted on Canvas): Canadian Cost Benefit Analysis Guide, Regulatory Proposals. (BCAG) Prepared by the Canadian Treasury Board of Canada, 2007.

Class Schedule and Excursions

1. Thursday, May 12th

9,45am: Welcome and short orientation (Ariadna García Prado and Sofía Peña)

**S1. 1.75 Hours**. (10,15 am) Course Overview; Introduction to BCA Accounting Framework (justin Ross)

**S2. 1.75 Hours**. BCA Accounting Framework Continued (Justin Ross)

Students will learn about various transportation systems in Pamplona, including buses, bicycles and taxis. Students will also learn about expectations regarding time management, alcohol consumption and overall health and safety. Furthermore, they will receive necessary emergency contact numbers. The orientation session will also include general class and excursion information, such as meeting times and locations.

**2. Thursday May 12th**

*Reception at the Palace of Navarra 5 pm*

*Evening*: Pinxtos in the Old Town

Students will visit the Palace of Navarra, Seat of the Presidency of the Regional Government with its neoclassical style building in the heart of Pamplona and will learn about the history of Navarra as a kingdom. After this visits, students will be immersed in the culture of Pamplona as they walk on the historic stone-paved streets of the Old Town and curve their way between medieval churches and palaces. Here, students will experience a traditional northern Spanish meal called Pinxtos, or small plates.

3. Friday, May 13th
**S3. 1.5 Hours**. BCA Accounting Framework Continued (Justin Ross)
**S4. 1.5 Hours**. Microeconomic Theory for Benefit Cost Analysis (Justin Ross)

4. Saturday, May 14th
Excursion to the Palace of Olite and Winery Marco Real

Students will visit one of the most beautiful palaces in Europe, the Palace of Olite, built during the 13th and 14th centuries under Charles III of Navarre. They will also learn about the culture and production of wine in Navarra.

5. Sunday, May 15th

Visit to the Old Town

Students will visit the Cathedral of Pamplona, which is a Gothic style cathedral built in the 15th century with Neo-classical facade and towers built in 1780. Additionally, students will discover the history behind the medieval city as they stroll around the five kilometer stretch of wall originally built to defend against invaders.

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**6. Monday, May 16th**

**S5. 1.75 Hours**. Micro Continued (Justin Ross)
**S6 1.75 Hours.** Introduction to Investment Analysis (Justin Ross)

**7. Tuesday, May 17th**

**S7. 1.75 Hours**. Investment Continued (Justin Ross)

S8. 1.75 Hours. Using Designing Policy Analysis Simulations (Justin Ross)

8. Wednesday, May 18th

Excursion: Day Trip to the coastal city of San Sebastian

Students will visit the city of San Sebastian, founded in 1180 and originally used as a port and military fortress. Today, its main economic activities are commerce and tourism, and it is one of the most famous touristic destinations in Spain. They will get to know the environmental improvements of the city.

9. Thursday, May 19th

S9. 1.75 hours. Applied & Practice Case Studies (Justin Ross)

**S10. 1.75 hours.** Applied & Practice Case Studies (Justin Ross)

10. Friday, May 27th
No Class

11. Monday, May 23rd

**S11.** 1.75 hours. Definitions of Economic Evaluation for Health Program/Policy Evaluation (Ariadna GarciaPrado) **S12. 1.75 hours**. CostEffectiveness I (Ariadna Garcia Prado)

12. Tuesday, May 24th

**S13.** 1.75 hours. CostEffectiveness II (Ariadna Garcia Prado)

**S14.** 1.75 hours. Valuing Health (Justin Ross)

13. Wednesday, May 25th

Excursion: Day trip to Baztan Valley

Students will visit the valley of Baztan situated in the far north of Navarre where small villages and farmlands are scattered throughout vast landscapes of pastures and forests. They will visit an old Mill and will learn how to make corn bread called “talos” and they will also visit a local producer of ecological cheese.

14. Thursday, May 26th

**S15. 1.75 hours.**  Assessing program effectiveness (Ariadna García Prado)

**S16. 1.75 hours.** Evaluation and Scaling up: Ariadna García Prado)

15. Friday, May 27th
No Class

16. Monday, May 30th

S17. **1.75 hours.** Critical Assessment of Economic Evaluation (Justin Ross)

S18. 1.75 hours: Case: The use of Evaluations to Diagnose the problem and Design Policy Solutions: Health and Health care in India (Ariadna García Prado)

17. Tuesday, May 31st

S19. 1.75 hours. Case Study: EPA Vehicle Emissions Inspection Program (Justin Ross)

S20. 1.75 hours. Case Study: EPA Vehicle Emissions Inspection Program Continued (Justin Ross)

Visit to the main producer of wind energy in the world “Gamesa”.

18. Thursday, June 2nd

S21. 1.5 hours. Guest Speakers (TBD)

S22. 1.5 hours. Cernin Martínez Yoldi (Development of Navarra and Plan Moderna)

19. Friday, June 3rd
Packing, goodbyes, and travel

*Note: Excursion specifics (location and times) are still TBD*