

COURSE DETAIL

ECONOMIC EVALUATION AND HEALTH

Country

Italy

Host Institution

University of Bologna

Program(s)

University of Bologna

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Health Sciences Economics

UCEAP Course Number

168

UCEAP Course Suffix**UCEAP Official Title**

ECONOMIC EVALUATION AND HEALTH

UCEAP Transcript Title

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UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course is part of the Laurea Magistrale program and is intended for advanced level students. Enrolment is by consent of the instructor. The course introduces fundamentals in economic evaluation theory and modeling methodology in healthcare. Students learn how to structure a medical decision model and how to estimate the incremental cost-effectiveness (ICER) and cost-effectiveness acceptability curves (CEACs), how to interpret results, and how to draw policy implications. Students are trained in critically reviewing HTA-studies, in order to judge their validity and applicability. The course discusses topics including CEA/CBA analysis; uncertainty and decision-making in healthcare; fundamental concepts of economic evaluation theory; theoretical foundation of modeling; types of models; development of decision trees and Markov models; an sensitivity analysis and the interpretation of the results. The course consists of ten classes. Classes are lectures which last three hours, with breaks where necessary. At least three classes are Excel workshops carried out in the computer lab. The course requires a reasonable level of understanding of basic mathematical concepts and basic probability theory. Students should also be comfortable with the basics of spreadsheet software such as MS Excel.

Language(s) of Instruction

English

Host Institution Course Number

87421

Host Institution Course Title

ECONOMIC EVALUATION AND HEALTH

Host Institution Campus

BOLOGNA

Host Institution Faculty

Host Institution Degree

LM in ECONOMICS AND ECONOMIC POLICY

Host Institution Department

Economics

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