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 ECON EVALTN&HEALTH
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 Course Details
https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2021/432428

Host Institution Campus
BOLOGNA

Host Institution Faculty

Host Institution Degree
LM in ECONOMICS AND ECONOMIC POLICY

Host Institution Department
Economics

Course Last Reviewed
2021-2022

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