



The Hebrew University of Jerusalem

Syllabus

HEALTH ECONOMICS - 98806

Last update 30-04-2024

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Public Health

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr Shuli Brammli-Greenberg

Coordinator Email: shuli.brammli@mail.huji.ac.il

Coordinator Office Hours: by appointment

Teaching Staff:

Dr. Shuli Brammli-Greenberg

Course/Module description:

The course is a basic course in health economics and is included in most curriculum in health management and economics programs. The course is intended for non-economists, and is based on an intuitive understanding rather than on a rigorous-mathematical approach. The reading materials are largely taken from Health Economics text books and medical and health economics research journals.

Course/Module aims:

To introduce the students to the updated knowledge in health economics, to show examples of the application of economic tools in the field of medicine and public health, to prepare the students for understanding discussions on these issues and to qualify them to use the tools in their work.

Learning outcomes - On successful completion of this module, students should be able to:

1. To understand discussions at the popular level as well as in their work place on issues related to health insurance and healthcare economics.
2. To understand articles and scientific studies which deal with health economic issues.
3. To write research proposals and policy papers on issues in health insurance & health services economics.

Attendance requirements(%):

Obligation to attend

Teaching arrangement and method of instruction: Lectures and exercise

Course/Module Content:

1. Introduction
2. Health Insurance and market failures moral hazard and adverse selection
3. Managed care
4. The demand for health services
5. Compensation mechanisms to health plans and risk adjustment
6. The physician firm
7. The market failures supply induced demand and the agent dilemma
8. The hospital market
9. Regulation and efficiency

Required Reading:

Text book:

Phelps, Charles. 2009. *Health Economics*. Forth Edition

Papers:

Atul Gawande "The Cost Conundrum - What a Texas town can teach us about health care" *The New Yorker*, June 1, 2009

Brammli-Greenberg, S., Waitzberg, R., Perman, V., Gamzu, R. 2016. "Why and how did Israel adopt activity-based hospital payment? The Procedure-Related Group incremental reform". *Health Policy*

Brammli-Greenberg, S., Waitzberg, R., Perman, V., Gamzu, R. 2016. *Israeli Case Study of Innovative Payment Systems*. In: Srivastava, Mueller and Hewlett (eds.) *OECD project on innovative payment schemes*

Brammli-Greenberg, S., Waitzberg, R., Medina-Artom, M., Adijes-Toren, A. 2014. *Low-Budget Policy Tool to Empower Israeli Insureds to Demand their Rights in the Healthcare System*. *Health policy* 118

Cid, C., Ellis, R. P., Vargas, V., Wasem, J., & Prieto, L. *Global Risk-Adjusted Payment Models*. *Handbook of Global Health Economics and Public Policy*, 1.

Frank, Richard G., Jacob Glazer, and Thomas G. McGuire. "Measuring adverse selection in managed health care." *Journal of Health Economics* 19.6 (2000): 829-854

FERNANDO QUIJANO AND SHELLY TEFFT. 2010. "Externalities in Action: Environmental and Health Externalities" chapter 6 in: Gurber j. *Public Finance and Public Policy*. www.tau.ac.il/~yashiv/Gruber3e_ch06.ppt

Glazer, J., McGuire, T.G., 2000. "Optimal Risk Adjustment in Markets with Adverse Selection: An Application to Managed Care". *American Economic Review* 90(4):1055-1071

Laugesen, M. J., & Glied, S. A. (2011). *Higher fees paid to US physicians drive higher spending for physician services compared to other countries*. *Health Affairs*, 30(9), 1647-1656

Morrow, T. "How can health plans save 124\$ per member per year?" *AJMC*, November 11, 2015

Newhouse, J.P., 1996. "Reimbursing health plans and health providers: efficiency in production versus selection". *Journal of Economic Literature* 34(3):1236-1263

Shmueli, A., Stam, P., Wasem, J., & Trottmann, M. (2015). "Managed care in four managed competition OECD health systems". *Health Policy*.

Shmueli, A., Chernichovsky, D., Zmora, I., 2003. "Risk Adjustment and Risk Sharing: The Israeli Experience". *Health Policy* 65:37-48

Rothschild M., Stiglitz, J., 1976. "Equilibrium in competitive insurance markets: an essay on the economics of Imperfect Information". *The Quarterly Journal of Economics* 90(4):629-649

van Barneveld, E.M., Lamers, L.M., van Vliet, R., van de Ven, W. (2001a) "Risk sharing as a supplement to imperfect capitation: a tradeoff between selection and efficiency", in *Journal of Health Economics* 20: 147-16

Van de Ven & Ellis, 2000. "Risk Adjustment in Competitive Health Plan Markets".
Chapter 14 in: *Handbook of Health Economics*

אחדות, ל., שמואלי, א. 2015 "הקצאת מקורות למימון סל הבריאות: בחינה מחדש של נוסחת הקפיטציה - הוספתם של משתנים חברתיים-כלכליים כמתאמי סיכון" מחקר מדיניות מספר 19 מכון ון-ליר ירושלים. <http://publication/he/il.org.vanleer.www/>

גלזר, ק. ברמלי-גרינברג, ש. 2007 "באיזו מידה מדידת איכות ברפואה תורמת לשיפור בריאותנו?" סדרת 11 מחלוקות בכלכלה מכון ואן-ליר

ורדי, א.ד., קיים, ר., קיטאי, א. 2008. רפואה בקהילה: כיצד נתמרץ את הרופאים? הרפואה, דצמבר 2008, כרך 147. חוברת כנס ים המלח התשיעי (2008) "משאבי אנוש במקצועות הבריאות" המכון הלאומי לחקר שירותי בריאות ומדיניות בריאות

לוי, ש. (2010). היעדרם של כלים לתכנון כוח-האדם הרפואי בישראל, הכנסת, מרכז המחקר והמידע קריית בן-גוריון, ירושלים.

"תוכנית עדיפות לאומית לפריפריה - הערות והצעות" פרופ' מנואל טרכטנברג 2008.

"על הקשר בין אי-שיוויון לכלכלה" פרופ' יוסי זעירא, 2006.

"אי-שיוויון בבריאות וההתמודדות איתו" האגף לכלכלה וביטוח משרד הבריאות, 2010

Additional Reading Material:

Books:

Zweifel, P., Eisen, R. 2012. *Insurance Economics*. Springer-Verlag Berlin Heidelberg

Glied, S., Smith, P.C. (Editors). 2013. *The Oxford Handbook of Health Economics*.

Grading Scheme:

Written / Oral / Practical Exam 61 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 39 %

Additional information:

The course is a compulsory course and so attendance is important.

The course has three exercises, one of which will be an engagement exercise.