

The Hebrew University of Jerusalem

Syllabus

GERONTOLOGY - 99130

Last update 10-12-2023

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Occupational Therapy

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Aviva Beit Yosef

Coordinator Email: aviva.kahan@mail.huji.ac.il

Coordinator Office Hours: By appointment

Teaching Staff:

Dr. sheli shtrenberd,
Dr. Dvorah Sara shapiro,
Prof Yoram Maaravi

Course/Module description:

This course deals with clinical and social issues related to the treatment of the elderly. The course will cover theoretical aspects, demographics, social, financial and systematic issues, physiology and clinical aspects of ageing. The "Geriatrics giants" and other major topics in the field will be taught.

Course/Module aims:

- 1. To introduce issues of demographics of ageing, including the financial and social issues of health in the ageing population*
- 2. Introduce biological theories of aging and physiological and clinical changes in ageing.*
- 3. Provide knowledge of clinical and social issues associated with intervention in the elderly population*
- 4. Introduce ethical issues of treatment of the elderly.*

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

- 1. Describe major demographic issues and the financial and systematic impact of the ageing on the health system*
- 2. Describe biological theories of the ageing process*
- 3. Describe and explain physiological and clinical changes in the ageing process*
- 4. Describe and explain main issues of the "Geriatrics giants"- instability, impaired intellect /memory, incontinence, iatrogenesis (polypharmacy).*
- 5. Describe and explain major ageing issues in the topics of frailty, nutrition, sleep issues and pressure sores.*
- 6. Discuss ethical issues in the treatment of the elderly- palliative care and end of life, and decision making competence.*

Attendance requirements(%):

100%

Teaching arrangement and method of instruction: Frontal lectures, most of the lectures will be online Zoom Live, discussions, case studies, Learning independently as a preparation for class.

Course/Module Content:

** Introduction*

1. Demography, financial impact and the health system.

2. Biology of ageing

3. Physiological and clinical changes in the ageing process.

** Unique issues in the geriatric population-*

4. The "Geriatrics giants:

- instability

- incontinence

- impaired intellect /memory

- iatrogenesis (polypharmacy)

5. Nutrition

6. Pressure sores

7. Sleep disorders

8. Frailty

9. Loneliness

10. Palliative care and end of life

11. Ethical issues in autonomy and guardianship- including decision making competence.

Required Reading:

פרילוצקי, ד. (2015). מה אנשי מקצוע צריכים לדעת על זיקנה והזדקנות. בתוך ד. פרילוצקי, ומ., כהן (עורכות). גרונטולוגיה מעשית: מבט רב מקצועי לעבודה עם אנשים זקנים (כרך ראשון, עמ' 31-3). ג'וינט ישראל- אשל.

משרד המשפטים (2005). חוק החולה הנוטה למות, התשס"ו - 2005. ספר החוקים 2039, 58-86.

Additional Reading Material:

פרילוצקי, ד. וכהן, מ. (עורכות). (2015). גרונטולוגיה מעשית: מבט רב-מקצועי לעבודה עם אנשים זקנים. ג'וינט ישראל- אשל.

Halter, J. B., Ouslander, J. G., Studenski, S., High, K. P., Asthana, S., Supiano, M. A., Ritchie, C. S., & Schmader, K. (Eds.). (2022). Hazzard's geriatric medicine and gerontology (8th ed.). McGraw-Hill.

Grading Scheme:

Written / Oral / Practical Exam 100 %

Additional information:

Details of assignments, submission dates and a list of sources will appear on the course website.