



The Hebrew University of Jerusalem

Syllabus

SCIENTIFIC WRITING AND CRITICAL READING - 99812

Last update 27-09-2013

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Occupational therapy

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Naomi Weintraub

Coordinator Email: naomi.weintraub@mail.huji.ac.il

Coordinator Office Hours: 9:00-15:00

Teaching Staff:

Prof Shula Parush

Course/Module description:

The course focuses on academic writing and the basic knowledge required, e.g., literature search, understanding the anatomy of articles, reviewing scientific papers, and the 'art' of scientific writing.

Course/Module aims:

1. Teach skills for searching database-engines.
2. Teach skills for critically reviewing scientific literature.
3. To understand the uniqueness of scientific writing vs. writing in other genres.
4. Teach skills for writing a paper or research proposals using academic writing rules.
5. Teach skills for creating PP presentations.
6. Teach skill for presenting to an audience.

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

1. Effectively search for material required for writing a paper.
2. Effectively organize the materials found for writing a paper.
3. Critically review a scientific papers.
4. Formulate a research question or purpose.
5. Write a research proposal or project plan, including all necessary parts, according to the APA rules).
6. Orally present a topic in a clear and logical manner, using a presentation (Power Point) and without reading.

Attendance requirements(%):

80%

Teaching arrangement and method of instruction: Lectures, discussions, tasks, using search engines, presentations

Course/Module Content:

1. Executive functions in the writing process.

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- 2.Types of information sources for writing papers.
 - 3.Searching for sources of information and methods for organizing the material.
 - 4.The anatomy of theoretical and research articles.
 - 5.Critically reviewing articles and methods for extracting material from the articles.
 - 6.The anatomy of research /project papers and proposals.
 - 7.Formulating the research/project purpose, questions and/or hypotheses.
 - 8.The writing process — determining the outline (the ideas), integration of information from various sources (academic and research).
 - 9.Scientific writing according to APA rules.
 - 10.The editing process.
 - 11.Oral presentations using PP presentation.

Required Reading:

וינטראוב, נ. (2013). מדריך הגשת עבודות גמר לתואר מוסמך. ירושלים: בית הספר לריפוי בעיסוק של הדסה והאוניברסיטה העברית, ירושלים.
APA (2009). *Publication Manual of the American Psychological Association (6th Edition)*. Washington DC: American Psych. Association.
Garrard, J. (2004). *Health sciences literature review made easy: The matrix method*.

Sudbury, MA: Jones and Bartlett.

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 100 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 0 %

Additional information:

Details relating to the course's tasks are presented in the course site for students who are taking the course.