

Course Unit	Counseling in Pharmacy II		Field of study	Pharmacy	
	Counseling and Information on Pharmacy		School	School of Health	
Academic Year	2014/2015	Year of study	1	Level	ECTS credits 16.0
Type	Semestral	Semester	2	Code	3238-493-1201-00-14
Workload (hours)	432	Contact hours	T -	TP 100	PL - TC - S - E - OT - O -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Isabel Cristina Jornalo Freire Pinto

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Recognize precautions and contraindications of therapy
2. Identify what dosage and takes care
3. Identify foods and medicines that should not be taken during treatment
4. Analyze the expected duration of treatment according to medical indication and/ or planned for the medication (in case of a medicinal product not subject to medical prescription)
5. Distinguishing signs and symptoms that require stopping treatment and consult a doctor
6. Analyze the impact of strategies in drug therapy goals
7. Making proper counseling and responsible medicines and health products
8. Develop strategies to promote adherence to therapy 9. Discuss therapeutic strategies

Prerequisites

Before the course unit the learner is expected to be able to:
Knowledge of Pharmacology, Pharmacotherapy

Course contents

Band-Aid Material; New Distribution Systems; Palliative Pharmacotherapy; Antineoplastic Agents; Orphan medicines and outpatient distribution; Contrast agents and radiopharmaceuticals; Pharmacovigilance; Pharmacogenomics; Clinical trials; Final work

Course contents (extended version)

1. Band-Aid Material (12 hours)
2. New Distribution Systems (8 hours)
3. Palliative Pharmacotherapy (12 hours)
4. Antineoplastic Agents (12 hours)
5. Orphan medicines and outpatient distribution (8 hours)
6. Contrast agents and radiopharmaceuticals (8 hours)
7. Pharmacovigilance (8 hours)
8. Pharmacogenomics (16 hours)
9. Clinical trials (4 hours)
10. Final work (12 hours)

Recommended reading

1. Brunton L, Lazo J, Parker K (2005) Goodman and Gilman's – The Pharmacological basis of therapeutics. 11ª Edição. McGraw-Hill.
2. DiPiro, J, Talbert, R., Yee, G; et al. (2008). Pharmacotherapy: a pathophysiologic approach, 7ª Edição. McGraw-Hill.
3. Guimarães, S; Moura, D; da Silva, P. (2006). Terapêutica Medicamentosa e suas bases farmacológicas, 5ª Edição. Porto: Porto Editora.
4. Soares, Maria Augusta (2002) Medicamentos Não Prescritos. Aconselhamento Farmacêutico. 2.ª Edição. Publicações Farmácia Portuguesa.
5. Legislação nacional e comunitária 6. Artigos científicos sobre as diversas temáticas abordadas (Disponíveis em www.ncbi.nlm.nih.gov.)

Teaching and learning methods

Expository, fostering critical thinking of students. Part of the class will work on a system of e-learning.

Assessment methods

- Unique alternative - (Regular, Student Worker) (Final, Supplementary, Special)
- Final Written Exam - 50% (Applies minimum score as the ESSa's Pedagogical Rules)
- Practical Work - 50% (Pre-design research in the form of poster. Applies minimum score as the ESSa's Pedagogical Rules)

Language of instruction

1. Portuguese
2. Portuguese, with additional English support for foreign students.

Electronic validation

Isabel Cristina Jornalo Freire Pinto	Olívia Rodrigues Pereira	Maria Helena Pimentel
08-01-2015	08-01-2015	09-01-2015