Course syllabus for

Nursing in Asthma, Allergy and COPD, part 2, 15 credits

Omvårdnad vid astma, allergi och KOL, del 2, 15 hp
This course syllabus is valid from autumn 2022.
Please note that the course syllabus is available in the following versions:
Autumn2016 , Autumn2019 , Autumn2020 , Autumn2022

Course code	2QA262
Course name	Nursing in Asthma, Allergy and COPD, part 2
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Nursing
Level	Second cycle, has second-cycle course/s as entry requirements
Grading scale	Pass, Fail
Department	Department of Clinical Science and Education, Södersjukhuset
Decided by	Styrelsen för utbildning
Decision date	2015-12-22
Revised by	Education committee SÖS
Last revision	2021-12-29
Course syllabus valid from	Autumn 2022

Specific entry requirements

At least 120 credits within which it should be included a nurse degree and the course *Nursing in Asthma, Allergy and COPD, part 1, 15 credits* or the equivalent. And proficiency in Swedish and English equivalent to Swedish B/Swedish 3 and English A/English 6.

Objectives

The aim is that the students should have acquired advanced knowledge within nursing at diagnostics, treatment at asthma and allergy on completion of the course and COPD and have developed his ability to work based on evidence-based care.

On completion of the course, the student should be able to:

Knowledge and understanding

- Analyse and reflect on causalities for origin, development of asthma and allergy and chronic obstructive lung disease (COPD) and preventive measures at these diseases.

- Analyse and reflect for the immunological mechanisms at allergy disease.
- Analyse and reflect on the results of spirometry examination and exhaled NO and account for interpretation and documentation.
- Analyse and account for basic lung physiology and differential diagnosis at asthma and COPD.
- Analyse, reflect, and justify to classic and more specialised allergy diagnostic methods methods.
- Based on evidence-based care be able to analyse, justify and evaluate treatment strategies at asthma allergy and COPD (pharmacological treatment, patient education, support to self-treatment and change of life style).

Skills and abilities

- Independently be able to search systematically review critically and refer to scientific literature within the subject area
- Based on an evidence-based attitude be able to identify and interpret research results and implement in the care

Judgement ability and approach

- Reflect on what a person-oriented attitude implies in the nursing of individuals with asthma, allergy and COPD.
- Carry out an evidence-based care of individuals with asthma allergy and COPD.
- Lead the interprofessional team from a the nursing perspective.

Content

Course build on knowledge as students earlier acquired on Nursing at asthma allergy and COPD 1, or the equivalent. Strong emphasis will be placed on quality development and improvement theory.

The course is divided in four modules:

Epidemiology and Immunoly, 2.0 hp
Grading scale : GU
In this part, asthma is treated -, allergy -, and COPD - the occurrence of the diseases, healthy and risk factors for origin and development of these diseases and possibilities to primary and secondary prevention. Also immunological mechanisms at allergy disease are brought up.

Diagnostics, 4.0 hp
Grading scale : GU
The module includes diagnostics in asthma, allergy and COPD and adequate nursing care. An important part is lung function examinations such as spirometry and NO measurement and it specialised the allergy diagnostics.

Nursing care and treatment of allergic diseases, 4.0 hp
Grading scale : GU
The module includes pharmacological and non pharmacological treatment at asthma, allergy and other hypersensitiveness. An important part during this part is to acquire knowledge of smoking cessation.

Nursing research and quality development, 5.0 hp
Grading scale : GU
The module includes preparing a project plan for individual improvement work in evidence-based care and nursing for asthma, allergies or COPD

Epidemiology and Immunoly, 2.0 hp

Grading scale: GU

In this part, asthma is treated -, allergy -, and COPD - the occurrence of the diseases, healthy and risk factors for origin and development of these diseases and possibilities to primary and secondary

prevention. Also immunological mechanisms at allergy disease are brought up.

Diagnostics, 4.0 hp

Grading scale: GU

The component includes diagnostics, differential diagnosis, investigations, adequate studies and tests. An important part is lung function examinations such as spirometry and NO measurement and it specialised the allergy diagnostics.

Nursing care and treatment of allergic diseases, 4.0 hp

Grading scale: GU

The component includes pharmacological and non pharmacological treatment at asthma, allergy and other hypersensitiveness. An important part during this part is to acquire knowledge of smoking cessation.

Nursing research and quality development, 5.0 hp

Grading scale: GU

In this part is included to carry out an individual work within evidence-based care. Furthermore, information retrieval is included and to evaluate and analyse scientific information.

Teaching methods

Teaching method: Distance learning

The course includes 9 scheduled mandatory course meetings, where we meet digitally. In between, group work as well as individual work on the learning platform Canvas, as well as video meetings with the own working group for collegial supervision. All teaching elements are compulsory. Access to computer with camera and with stable internet connection is required. The teaching is conducted according to modified problem-based learning (PBL) and is based on the students' previous knowledge and experience. The study forms vary but are based on an active search for knowledge. To support the learning process, lectures, seminars, a review of scientific literature, and case discussions are organized.

Examination

Module 1: Be examined through an individual written assignment and a group assignment that is presented both written and orally.

Module 2: Be examined through an individual written assignment and a group assignment that is presented both written and orally.

Module 3: Be examined through an individual written assignment and a group assignment that is presented both written and orally.

Module 4: Be examined through written and oral presentation of advanced assignment.

A student who has failed in the regular examination is entitled to participate in five more examinations. If the student has failed six examinations/tests, no more examinations are offered. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is regarded as an examination occasion. Examination occasion for which the student has registered but not participated in, does not count as a examination occasion.

Transitional provisions

Examination will be provided during a period of two years after a possible closing of the course. Examination can be carried out according to an earlier literature list during a period of one year after the date of a renewal of the literature list.

Other directives

Language of instruction: Swedish

Literature and other teaching aids

Allergi och astma
Hedlin, Gunilla; Larsson, Kjell

Lund : Studentlitteratur AB, 2009 - 480 s.
ISBN:91-44-02996-9 LIBRIS-ID:11675754
Library search

KOL : kroniskt obstruktiv lungsjukdom
Larsson, Kjell

3. uppl. : Lund : Studentlitteratur, 2014 - 739 s.
ISBN:9789144078175 LIBRIS-ID:17048923
Library search

Willman, Ania; Stoltz, Peter; Bahtsevani, Christel
Evidensbaserad Omvårdnad

3. uppl. : Studentlitteratur AB, 2011 - 208 s.
ISBN:91-44-05644-3 LIBRIS-ID:12118369
Library search

Andersson, Martin
Spirometri

[Sverige] : Pfizer, 2011 - 88 s.
LIBRIS-ID:12239017

Patientundervisning:ett samspel för lärande Ingår i:
Patientundervisning : ett samspel för lärande
Fjärde upplagan : Lund : Studentlitteratur, [2018] - 271 sidor
ISBN:9789144120515 LIBRIS-ID:22684770
Library search