



**Karolinska  
Institutet**

Course syllabus for

# **Illness in Older People - Diagnostics, Treatment and Care, 7.5 credits**

Ohälsa hos äldre - diagnostik, behandling och vård, 7.5 hp

This course syllabus is valid from autumn 2019.

Please note that the course syllabus is available in the following versions:

[Autumn2013](#) , [Autumn2014](#) , [Autumn2015](#) , [Spring2016](#) , [Autumn2017](#) , [Spring2018](#) , [Autumn2018](#) , [Autumn2019](#) , [Autumn2020](#)

Course code	2VA008
Course name	Illness in Older People - Diagnostics, Treatment and Care
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Nursing
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Neurobiology, Care Sciences and Society
Decided by	Programnämnd 9
Decision date	2013-04-26
Revised by	Education committee NVS
Last revision	2019-03-12
Course syllabus valid from	Autumn 2019

## **Specific entry requirements**

Registered nurse certified by the National Board of Health and Welfare. A Degree of Bachelor of Science in Nursing, or a Bachelor's Degree in Nursing of at least 180 hp. Furthermore, knowledge in Swedish and English is required, corresponding to Svenska B/Svenska 3 and Engelska A/Engelska 6 (with at least the grade Passed/E).

Students who fail a clinical placement (or equivalent) as a result of demonstrating such a serious lack of knowledge, skills or attitude that patient safety or the patients' confidence in medical care is at risk, will only be qualified for a new clinical placement once the individual action plan has been carried out.

## **Objectives**

The general aim of the course is that, based on the area of responsibility of the specialist nurse, the student develops the abilities to independently and in close cooperation with other medical professionals diagnose and treat illness in the elderly and to consider the family around the individual.

The course consists of three modules:

1. Diagnostics and treatment of disease in the elderly, 4 credits
2. Clinical Education, 1,5 credits
3. Scientific theory and methods: Intervention studies, 2 credits

### **Module 1**

Knowledge and understanding

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

- explain the aetiology, pathophysiology, symptoms, diagnostics, prevention and treatment of the most common and most serious diseases for the older.
- identify and remedy drug-related problems within the area of responsibility.
- identify and use IT-based support related to diagnostics and treatment.
- together with other professionals participate in good care of the older person.

Skills and abilities

On completion of the course, the student should:

- be able to collect, analyse and communicate medical information for diagnostics, pharmacological and non-pharmacological treatment..
- demonstrate the ability to assess and act in sudden disease in the elderly.

Judgement and approach

On completion of the course, the student should:

- demonstrate empathetic ability and be able to reflect on ethical situations in the final stages of life.

### **Module 2**

### **Module 3**

Knowledge and understanding

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

- critique and evaluate different designs for interventional studies,
- account for commonly occurring concepts within intervention research.

Skills and abilities

On completion of the course, the student should:

- be familiar with statistical methods and process evaluation commonly occurring in interventional studies in care of the elderly.

Judgement

On completion of the course, the student should:

- be able to evaluate strengths and weaknesses in knowledge compiled through intervention research and be able to evaluate how the knowledge can be used in nursing.
- demonstrate the ability to apply research ethics principles and guidelines and evaluate research ethics principles and guidelines in research and development.

## **Content**

The course consists of three modules:

### **Scientific theory and methods: Intervention studies, 2.0 hp**

Grading scale: GU

## **Diagnostics and treatment of disease in the elderly, 4.0 hp**

Grading scale: GU

## **Clinical Education, 1.5 hp**

Grading scale: GU

## **Teaching methods**

The education is based on a problem-oriented (examining) and collaborative view on learning. This approach implies that the student is an active participant in the learning process and is encouraged to take responsibility while learning takes place through close cooperation between students, teachers within and between the courses and the programs. Different educational working methods such as individual study assignments, work in groups, discussions and seminars and lectures occur. Field study with study visits is included.

Activity-integrated learning can take place at the student's workplace or at geriatric clinic in Stockholm county.

Study assignments, seminars and timetabled group meetings are compulsory. The course coordinator decides whether, and if so how, absence from compulsory course elements can be made up. Study results cannot be reported until the student has participated in compulsory course elements or compensated for any absence in accordance with instructions from the course coordinator. Absence from a compulsory course element could mean that the student can not retake the element until the next time the course is offered.

## **Examination**

The course includes three examinations:

Module 1. Individual written examination

Module 2. Clinical examination

Module 3. Individual written examination

Students who do not pass a regular examination are entitled to re-sit the examination on five more occasions. A student without approved results after three completed examinations may be offered the opportunity to retake a module or course once more. This is subject to availability. If the student has failed six examinations/tests, no additional examinations are given. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is regarded as an examination. In the case a student is registered for an examination but does not attend, this is not regarded as an examination. A home examination that has been opened via the learning management system counts as an examination session even if the examination is not submitted. Late submissions of examinations are not accepted. Students who have not submitted on time are referred to re-examination.

If there are special grounds, or a need for adaptation for a student with a disability, the examiner may decide to deviate from the syllabus's regulations on the examination form, the number of examination opportunities, the possibility of supplementation or exemptions from the compulsory section/s of the course etc. Content and learning outcomes as well as the level of expected skills, knowledge and abilities may not be changed, removed or reduced.

## **Other directives**

Course evaluation is carried out according to the established guidelines of the Board of Education.

# Literature and other teaching aids

## Boken om demenssjukdomar

*Basun, Hans*

1. uppl. : Stockholm : Liber, 2013 - 368 s.

ISBN:978-91-47-10555-7 LIBRIS-ID:14555809

[Library search](#)

## Evidence-based geriatric nursing protocols for best practice

*Boltz, Marie*

4. ed. : New York : Springer, cop. 2012 - xvii, 721 s.

ISBN:978-0-8261-7128-3 LIBRIS-ID:12566887

[Library search](#)

## Farmakologi

*Lindström, Erik; Norlén, Per*

3. uppl. : Stockholm : Liber, 2014 - 443 s.

ISBN:9789147114221 LIBRIS-ID:16357182

[Library search](#)

*Dehlin, Ove; Rundgren, Åke*

## Geriatrik

3., rev. och uppdaterade uppl. : Lund : Studentlitteratur, 2014 - 496 s.

ISBN:9789144092058 LIBRIS-ID:16601087

[Library search](#)

*Faxén Irving, Gerd; Karlström, Brita; Rothenberg, Elisabet*

## Geriatrisk nutrition

2., [uppdaterade] uppl. : Lund : Studentlitteratur, 2016 - 368 s.

ISBN:9789144099965 LIBRIS-ID:19776451

[Library search](#)

## Geriatrisk omvårdnad : god omsorg och vård till den äldre

*Kirkevold, Marit; Brodtkorb, Kari; Hylén Ranhoff, Anette*

*Bolinder-Palmér, Inger; Olsson, Kristina*

Stockholm : Liber, 2010 - 516 s.

ISBN:978-91-47-09358-8 LIBRIS-ID:11372475

URL: [Omslagsbild](#)

[Library search](#)

*Statens beredning för medicinsk utvärdering (SBU)*

## Omhändertagande av äldre som inkommer akut till sjukhus med fokus på sköra äldre

SBU, 2013

URL: [SBU:s sida](#)

*Polit, Denise F.; Beck, Cheryl Tatano*

## Nursing research : generating and assessing evidence for nursing practice

9.ed. : Philadelphia : Wolters Kluwer Health/Lippincott Williams & Wilkins, cop. 2012 [dvs 2011] - xiv, 802 s.

ISBN:978-1-60547-708-4 (hardback) LIBRIS-ID:12094617

[Library search](#)

**Omvårdnad på avancerad nivå : kärnkompetenser inom sjuksköterskans specialistområden***Edberg, Anna-Karin*

1. uppl. : Lund : Studentlitteratur, 2013 - 264 s.

ISBN:9789144071459 LIBRIS-ID:14649029

URL: [Webbdel \(aktiveringskod krävs\)](#)[Library search](#)**Omvårdnad vid neurologiska sjukdomar***Gottberg, Kristina*

1. uppl. : Lund : Studentlitteratur, 2015 - 194 s.

ISBN:9789144055008 LIBRIS-ID:17665168

[Library search](#)**Team i vård, behandling och omsorg : erfarenheter och reflektioner***Berlin, Johan; Carlström, Eric; Sandberg, Håkan*

1. uppl. : Lund : Studentlitteratur, 2009 - 279 s.

ISBN:978-91-44-05509-1 LIBRIS-ID:11494396

[Library search](#)*Kragh, Annika***Äldres läkemedelsbehandling : orsaker och risker vid multimedcinering**

2. uppl. : Lund : Studentlitteratur, 2013 - 235 s.

ISBN:9789144090870 LIBRIS-ID:14834099

[Library search](#)*Wisten, Aase; Rundgren, Åke; Larsson, Berit***Akutgeriatrik**

1. uppl. : Lund : Studentlitteratur, 2013 - 277 s.

ISBN:9789144069838 LIBRIS-ID:14069870

[Library search](#)*Birkler, Jacob; Dahl, Mads Ronald***Den digitala patienten**

1. uppl. : Stockholm : Liber, 2014 - 123 s.

ISBN:9789147106561 LIBRIS-ID:14722222

[Library search](#)**Klinisk undersökningsmetodik för sjuksköterskor / Carol L. Cox (red.) ; översättning: Göran Grip.***Boswell, Graham; Callaghan, Patrick; Edie, Jennifer; Gibbons, Helen; Lack, Victoria; Lee, Polly; Lynch, Antonia; McGrath, Anthony; Whiteing, Nicola; Young, Christopher Richard**Cox, Carol L.*

1. uppl. : Lund : Studentlitteratur, 2015 - 336 s.

ISBN:9789144095035 LIBRIS-ID:17592969

[Library search](#)**Personcentrering inom hälso- och sjukvård : från filosofi till praktik***Ekman, Inger*

1. uppl. : Stockholm : Liber, 2014 - 261 s.

ISBN:978-91-47-11405-4 LIBRIS-ID:14843107

[Library search](#)

*Björk, Jonas*

**Praktisk statistik för medicin och hälsa**

1. uppl. : Stockholm : Liber, 2011 - 327 s.

ISBN:91-47-10343-4 (korr.) LIBRIS-ID:12055810

[Library search](#)

**Researching later life and ageing : expanding qualitative research horizons**

*Leontowitsch, Miranda*

Houndmills, Basingstoke, Hampshire : Palgrave Macmillan, 2012. - xi, 216 s.

ISBN:978-0-230-28047-2 LIBRIS-ID:13487577

URL: [Länk](#)

[Library search](#)

**Stroke : patienters, närståendes och vårdares perspektiv**

*Jönsson, Ann-Cathrin*

1. uppl. : Lund : Studentlitteratur, 2012 - 326 s.

ISBN:978-91-44-06812-1 LIBRIS-ID:13501329

[Library search](#)

**Nursing diagnosis : application to clinical practice**

*Carpenito-Moyet, Lynda Juall*

14. ed. : Philadelphia, Pa. : Wolters Kluwer Health/Lippincott Williams & Wilkins, cop. 2013 - xvii, 998 s.

ISBN:978-1-60831-109-5 LIBRIS-ID:13523937

[Library search](#)

***In-depth literature***