



## Course syllabus

Faculty Board of Health, Social Work and Behavioral Sciences  
School of Health and Caring Sciences

4VÅ110 Specialisering inom infektionssjukvård, 30 högskolepoäng  
Specialist Nursing Infection Care, 30 credits

**Main field of study**

Caring Science

**Subject Group**

Nursing Science

**Level of classification**

Second Level

**Progression**

A1N

**Date of Ratification**

Approved by the Board of the School of Health and Caring Sciences 2009-11-19

Revised 2011-09-05

The course syllabus is valid from autumn semester 2011

**Prerequisites**

NO VALUE DEFINED

### Expected learning outcomes

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

***Knowledge and Understanding***

- describe and explain the connection between infectious agents, routes and resistance development
- discuss and develop the immune system's role and the body's defence mechanisms during infection
- identify problems and formulate questions concerning measures for the prevention of disease
- assess the importance and context of different factors on different levels
- describe and explain common infectious diseases' etiology and pathophysiology
- identify problems and formulate questions concerning medical measures during certain infectious diseases
- analyse and assess problem areas of importance for the nursing of patients during infectious diseases
- relate to relevant laws and regulations

***Skills and Abilities***

- apply specific nursing and medical care

### ***Judgment and Approach***

- on the basis of an ethical and professional attitude, analyse ethical and cultural aspects within infection care
- critically examine society's efforts within infection care in relation to the resources that exist
- demonstrate possible sound improvements

## **Content**

The course consists of three modules:

### ***Module 1 7.5 credits***

- Clinical microbiology
- Immunology
- Infectious routes
- Care hygiene

### ***Module 2 15 credits***

- Epidemiology

@2Etiology, clinic and therapy during certain infectious diseases

- Specific nursing within infection care
- Infectious diseases in an international perspective
- Different cultures' needs
- Evidence-based care and nursing
- Law and statutes

### ***Module 3 7.5 credits***

- Independent work

## **Type of Instruction**

The course is totally net-based, no physical meetings are included. Study assignments are carried out under supervision, individually or in groups and are discussed in stated web-based discussion forums.

Attendance is obligatory throughout the entire course, or parts of it. This is specified in the schedule or study guidelines.

## **Examination**

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

## **Course Evaluation**

A written evaluation is carried out and compiled in a report, which is archived at the institution. The results, along with possible measures taken, are reported to the students the next time the course is given.

## **Required Reading and Additional Study Material**

Ekdahl, K. & Giesecke, J. (Red.). (2006). *Smittskyddsboken*. Lund: Studentlitteratur, (496 p). ISBN91-44-04197-7

Ericson, E. & Ericson, T. (2009). *Klinisk mikrobiologi*. Stockholm: Liber AB, (393 p). ISBN978-91-47-08446-3

Fekadu, A., Kylmä, J. & Nikkonen, M. (2009). *The Conceptions of Care Among Family Caregivers of Persons Living With HIV/AIDS in Addis Ababa, Ethiopia*. Journal of Transcultural Nursing. Vol 20. Number 1. January 2009 37-50. Sage Publications. <http://tcn.sagepub.com>

Hartman, S. (2003). *Skrivhandledning för examensarbeten och rapporter*. Stockholm: Natur och kultur, (140 p).

Iwarson, S. & Norrby, R. (2007). *Infektionsmedicin*. Sävedalen: Säve Förlag, (447 p). ISBN 91-972689-8-4

Nery de Souza, J. & Bertolozzi, M.R. (2007). *The vulnerability of nursing workers to tuberculosis in a teaching hospital*. Sao Paulo: Unviersity of Sao Paula College of Nursing. [www.scielo.br](http://www.scielo.br)

Norrby, R. & Cars, O. (2003). *Antibiotika- och kemoterapi*. Stockholm: Liber, (184 p).

Olsson, I. (2007). *Kulturmöten & kulturkrockar i vården*. Viken: Moris Förlag, (128 p).

SFS- *Smittskyddslag* (2004:168): [www.notisum.se/rmp/sls/lag/20040168.htm](http://www.notisum.se/rmp/sls/lag/20040168.htm)

SFS-Lag (2006:1570) *Om skydd mot internationella hot mot människors hälsa*: [www.notisum.se/rmp/sls/lag/2006157.htm](http://www.notisum.se/rmp/sls/lag/2006157.htm)

Smittskyddsinstitutet- *Epidemiologisk årsrapport 2007*: [www.smittskyddsinstitutet.se/publikationer/arsrapport-och-verksamhetsberattelser/smis-epidemiologiska-arsrapporter/epidemiologisk-arsrapport-2007](http://www.smittskyddsinstitutet.se/publikationer/arsrapport-och-verksamhetsberattelser/smis-epidemiologiska-arsrapporter/epidemiologisk-arsrapport-2007)

Smittskyddsinstitutet - *Årsrapport om antibiotikaresistensläget 2007*: [www.smittskyddsinstitutet.se/publikationer/arsrapport-och-verksamhetsberattelser/swedres/swedres-2007](http://www.smittskyddsinstitutet.se/publikationer/arsrapport-och-verksamhetsberattelser/swedres/swedres-2007)

Socialstyrelsen - SOSFS 2007:11 (M). *Skydd mot internationella hot mot människors hälsa*: [www.socialstyrelsen.se/NR/rdonlyres/1FA4C-9C06-4325-A19D-AC97214D94B8/7915/2007\\_11.pdf](http://www.socialstyrelsen.se/NR/rdonlyres/1FA4C-9C06-4325-A19D-AC97214D94B8/7915/2007_11.pdf)

Socialstyrelsen - *Beredskapsplanering för en pandemisk influensa - Underlag för en regional planering*: [www.socialstyrelsen.se/NR/rdonlyres/A9D367C7-56C5-4422-8847-178465302C7F/7014/20071302.pdf](http://www.socialstyrelsen.se/NR/rdonlyres/A9D367C7-56C5-4422-8847-178465302C7F/7014/20071302.pdf)

Socialstyrelsen - *Att förebygga vårdrelaterade infektioner. Ett kunskapsunderlag*: [www.socialstyrelsen.se/NR/rdonlyres/ECE8175D-454BD-4039-A2AD-E49292A2BC60/5483/200612312.pdf](http://www.socialstyrelsen.se/NR/rdonlyres/ECE8175D-454BD-4039-A2AD-E49292A2BC60/5483/200612312.pdf)

Socialstyrelsen - *Beredskapsplanering för en pandemisk influensa - Nationella insatser*: [www.socialstyrelsen.se/NR/rdonlyres/3C626348-7C83-4E49-8A87-D9EA28002B32D/7214/rev\\_20071303.pdf](http://www.socialstyrelsen.se/NR/rdonlyres/3C626348-7C83-4E49-8A87-D9EA28002B32D/7214/rev_20071303.pdf)

Socialstyrelsen - *Fredstida katastrofmedicinsk beredskap och planläggning inför höjd beredskap*: [www.sos.se/sosfs/2005\\_13/2005\\_13.pdf](http://www.sos.se/sosfs/2005_13/2005_13.pdf)

Socialstyrelsen - *Kompetensbeskrivning för legitimerad sjuksköterska*:

[www.socialstyrelsen.se/NR/rdonlyres/33C8D178-OCDC-420A-B8B4-2AAFO1FCDFD9/3113/20051052.pdf](http://www.socialstyrelsen.se/NR/rdonlyres/33C8D178-OCDC-420A-B8B4-2AAFO1FCDFD9/3113/20051052.pdf)

Tarimo, E.A.M., Kohi, T.W. & Outwater, A. (2009). *Gender Roles and Informal Care for Patients With AIDS*. A Qualitative Study From an Urban Area in Tanzania. *Journal of Transcultural Nursing*. Vol 20. Number 1. January 2009 61-68. Sage Publications. [http: tcn.sagepub.com](http://tcn.sagepub.com)

Course literature is supplemented with further scientific articles and other literature that is established in consultation with the course coordinator