



**Karolinska
Institutet**

Course syllabus for

Paediatric Nursing, with Emergency Care Focus, 7.5 credits

Pediatrisk omvårdnad med inriktning mot akutsjukvård, 7.5 hp

This course syllabus is valid from spring 2013.

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

Spring2013 , Spring2015 , Autumn2015 , Spring2016 , Autumn2016 , Spring2017 , Autumn2017 ,
Spring2019 , Autumn2019

Course code	2SP034
Course name	Paediatric Nursing, with Emergency Care Focus
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 Women's and Children's Health
Decided by	Programnämnd 9
Decision date	2012-09-27
Revised by	Programnämnd 9
Last revision	2012-12-21
Course syllabus valid from	Spring 2013

Specific entry requirements

At least 120 credit points within which it should be included a nurse degree and a completed specialist education within health care for child and youth or two years professional or vocational experience from paediatrics (is confirmed with service certificates). Furthermore, knowledge in Swedish B is required and English A (with at least the Pass grade). Or ongoing studies on Study programme in specialist nursing with a specialisation in health care for child and youth at Karolinska Institutet.

Objectives

The general aims of the course are that the student should on completion of the course be able to apply advanced knowledge in anatomy, pathophysiology, pharmacology, clinical diagnostics, pain physiology and failure in vital bodies and apply these within the framework of specific nursing of critically ill children and youths within paediatric emergency care.

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

Knowledge and understanding.

- analyse and explain symptom and treatment at children and youths in different acute diseases.
- identify and analyse nursing needs at the emergency care and triage system.
- show knowledge and understanding about improvement -, development - and current research within the paediatric emergency care.
- show knowledge of crisis intervention and coping strategies in connection with mental stressful situations for child/youth, parents and staff.

Skills and abilities

- show ability to prioritise, initiate, carry out and evaluate nursing actions at complex/acute diseases considering developmental stage, family situation, cultural background and genders
- show ability to integrate the nursing process by analysing assess argue too and handle complex phenomena, issues and situations also with restricted information.
- demonstrate scientific precision in analysis and written text.

Judgement and approach

- analyse and reflect around relevant scholarship, best practice and an ethical attitude, see its relationship and importance for specialist the nursing profession within paediatric emergency care

Content

The contents of the course focus on the emergency medicine knowledge field with a specialisation in care of children and youths. Within the frame of the course, medical, surgical and orthopaedic conditions, trauma and care and treatment at acute failure in vital functions are studied. Furthermore, descriptive anatomy and emergency care in different medical and surgical diseases are treated concerning respiratory system, cardiovascular system, the fluid- electrolyte balance and acid/base, neurology and neurophysiology and pain and pain treatment. In addition, the course makes an overview of specific nursing including ethics, the diversity perspective, leadership and related to scholarship and research within the emergency care. Further is treated the child/the youth/the situation and interaction of the family and communication. Finally so be treated also laws, ordinances and safety precautions occurring in the paediatric emergency care.

Teaching methods

The course is carried out as distance education with learning management system (PingPong) as basis. The course is based on a problem-oriented and student-activating view on the learning. Different working methods such as individual study assignments, discussions and seminars and lectures occur.

In-service training days with lectures/seminar is compulsory parts that occur in the course these are stated on the timetable or in the study guide. Compulsory study assignments and discussions are included, these should be carried out before the implementation of the final examination. In case of absence from compulsory parts, turn to course director.

Examination

The course contains a final examination. It is carried out as an individual written submission based on patient cases.

Student who has not passed after regular examination session has the right to participate at further five examination sessions. If the student has carried out six failed examinations/tests no more examination session will be given.

As examination session, the times are counted the student participated in an and the same tests.

Submission of blank exam is counted as examination session. Examination session to which the student has registered but not participated in will not be counted as an examination session.

Transitional provisions

Examination will be provided during a time of two years after a possible close-down of the course.
Examination can be according to an earlier literature list during a time of one year after the date when a renewal of the literature list been made.

Other directives

The course evaluation takes place according to guidelines established by the Board of education.

Language of instruction: Swedish.

Literature and other teaching aids

Akut pediatrik

Larsson, Agne; Norgren, Svante; Lindquist, Bo

6., [aktualiserade] uppl. /b under redaktion av Agne Larsson, Svante Norgren och Bo Lindquist :
Stockholm : Liber, 2005 - 352 s.

ISBN:91-47-05221-X LIBRIS-ID:9901670

[Library search](#)

Albinsson, Eva

Pediatrik Ped.

Moëll, Christian; Gustafsson, Jan

1. uppl. : Stockholm : Liber, 2011 - 598 s.

ISBN:978-91-47-09375-5 (inb.) LIBRIS-ID:12300521

[Library search](#)

Barnmedicin

Lindberg, Tor; Lagercrantz, Hugo

3. [rev. och uppdaterade] uppl. : Lund : Studentlitteratur, 2006 - 672 s.

ISBN:91-44-04469-0 LIBRIS-ID:10275612

[Library search](#)

Barnmedicin i ett nötskal

Miall, Lawrence; Rudolf, Mary; Levene, Malcolm I.

Ludvigsson, Jonas F.

Lund : Studentlitteratur, 2004 - 223 s.

ISBN:91-44-03187-4 LIBRIS-ID:9463829

[Library search](#)

Bischofberger, Erwin

Barnet i vården

1. uppl. : Stockholm : Liber, 2004 - 160 s.

ISBN:91-47-05200-7 LIBRIS-ID:9717973

[Library search](#)

Hallström, Inger; Lindberg, Tor

Pediatrik omvårdnad

Stockholm : Liber, 2009 - 356 s.

ISBN:978-91-47-09327-4 (hft.) LIBRIS-ID:11445058

[Library search](#)

Kompendium i barnkirurgi och barnortopedi

Frenckner, Björn; Hirsch, Georg

[Ny, omarb. och uppdaterad utg.] /b Björn Frenckner & Georg Hirsch (red.) : Stockholm : Karolinska University Press :b Medicinska bokhandeln, 2004 - 254 s.

ISBN:91-7140-005-2 LIBRIS-ID:9683102

[Library search](#)

Nilstun, Tore; Lundqvist, Anita; Löfmark, Rurik

Etik och ansvar i sjukvården : från sinnelag till situation

Lund : Studentlitteratur, 2006 - 135 s.

ISBN:91-44-01161-X LIBRIS-ID:10154607

URL: [Omslagsbild](#)

[Library search](#)

Pediatrisk vård och specifik omvårdnad

Edwinsson Månsson, Marie; Enskär, Karin

2., [rev.] uppl. : Lund : Studentlitteratur, 2008 - 479 s.

ISBN:978-91-44-01991-8 LIBRIS-ID:10738037

[Library search](#)

Smärta hos barn och ungdomar

Olsson, Gunnar L.; Jylli, Leena

Lund : Studentlitteratur, 2001 - 453 s.

ISBN:91-44-01489-9 LIBRIS-ID:8352961

[Library search](#)

Så skadar sig barn

Janson, Staffan

1. uppl. : Stockholm : Gothia, 2005 - 176, [1] s.

ISBN:91-7205-434-4 LIBRIS-ID:9867614

[Library search](#)

Tveiten, Sidsel; Wennick, Anne; Steen, Hanna Friis

Sykepleie til barn : familiesentrert sykepleie

Oslo : Gyldendal akademisk, 2012 - 216 s.

ISBN:978-82-05-40689-6 LIBRIS-ID:13515467

[Library search](#)

Willman, Ania; Stoltz, Peter; Bahtsevani, Christel

Evidensbaserad omvårdnad : en bro mellan forskning och klinisk verksamhet

2., [rev.] uppl. : Lund : Studentlitteratur, 2006 - 172 s.

ISBN:91-44-04578-6

[Library search](#)