



## COURSE SYLLABUS

# Pathophysiology and Pharmacology, Focusing on Oral Health, 7.5 credits

*Patofysiologi och farmakologi, inriktning oral hälsa, 7,5 högskolepoäng*

---

<b>Course Code:</b>	HPFA18	<b>Education Cycle:</b>	First-cycle level
<b>Confirmed by:</b>	Utbildningsrådet May 9, 2001	<b>Disciplinary domain:</b>	Medicine
<b>Revised by:</b>	Department head Sep 27, 2016	<b>Subject group:</b>	ME1
<b>Valid From:</b>	May 8, 2017	<b>Specialised in:</b>	G1F
<b>Version:</b>	5		
<b>Reg number:</b>	2016/03497 (313) Avdelningen för naturvetenskap och biomedicin		

---

### Intended Learning Outcomes (ILO)

Upon completion of the course the student should have the;

#### Knowledge and understanding

- describe common diseases, its treatments and importance to oral health
- describe general pharmacological principles
- explain mechanisms of drug action and biological effects of analgesic drugs.

#### Skills and abilities

- use FASS when issuing prescriptions
- execute cardiopulmonary resuscitation

### Contents

- how common diseases (cardiovascular, respiratory, gastro-intestinal, neurological, endocrine and rheumatic) and their medical care affect oral health and dental treatment
- basic pharmacology; pharmacodynamics and pharmacokinetics
- analgesic drugs
- cardiopulmonary resuscitation

### Type of instruction

The course is implemented in the form of lectures and case studies.

The teaching is normally conducted in Swedish, but can occasionally be in English.

### Prerequisites

General entry requirements and Anatomy and Physiology, basic course, 7,5 hp (or the equivalent).

### Examination and grades

The course is graded A, B, C, D, E, FX or F.

Participation in one seminar, cardiopulmonary resuscitation training and one individually written exam.

**Examiner**

A university lecturer serves as the course examiner.

Registration of examination:

Name of the Test	Value	Grading
Examination	7.5 credits	A/B/C/D/E/FX/F

**Course literature**

Ericson, E., & Ericson, T. (2012). *Medicinska sjukdomar*. Lund: Studentlitteratur.

*FASS Vårdpersonal*. Stockholm: LIF. [Available 2015-06-25]. <http://www.fass.se/LIF/startpage>

Läkemedelsverket. (2014). *Läkemedelsboken 2014*. [Available 2015-06-25].  
<http://www.lakemedelsboken.se>

Scientific articles

Latest edition of the course literature shall be used.