



# SLUkurs

## Syllabus

**PVS0010 Application of real-time PCR in veterinary infection biology,  
1.5 credits**

## Syllabus approved

2004-09-14

## Subjects

Veterinary Medicine

## Education cycle

Third cycle

## Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

## Language

English

## Prior knowledge

The course is intended for PhD students whose research project deals with animal infections. EEF students are also welcome. No specific prerequisites.

## Objective, including learning outcomes

To give a theoretical and practical introduction to real-time PCR as method to quantify nucleic acids.

**Content**

The course will cover many aspects of quantification of nucleic acids with special focus on real-time PCR, but other methods of real-time quantification such as Invader Technology, Pad-lock probes and NASBA technology will also be dealt with.

During the practical laboratory part, the participants will learn how to design a real-time PCR system, run this system and evaluate the results.

**Requirements for examination**

Participation

**Additional information**

Co-organizer: The Department of Molecular Biosciences

Deadline 18 October 2004

**Responsible department**

Department of Biomedical Sciences and Veterinary Public Health