



**FACULTY OF MEDICINE**  
Lund University

**PLANNING OF**  
ERASMUS PROGRAMME 2007  
Diagnostic Radiology

Department of Nursing

The course addresses third year students in Erasmus Radiography group. The focus in the course is on technique, nursing and a literature review. The subjects and the way of teaching will prepare the students for a professional attitude in knowledge, practical clinical skills, professional ethics, analytical and critical approach, problem solving proficiency based on conscience and well tried experience. The form of work is based on active learning, critical thinking and the students own seeking for knowledge.

The aims of this course are that the students will broaden and deepen their theoretical knowledge and practical skills in a chosen area within diagnostic radiology and improve their skills in analysing and report scientific facts in diagnostic radiology.

The course is divided into 4 parts.

Part A: General radiography

- Radiographic procedures
- Technique
- Radiation protection
- Image interpretation
- Nursing care of the patient
- Documentation

Part B: Literature review and case study in neuroradiology

- Use of data bases
- Analysing articles
- Radiographic procedures (angiography, computed tomography, magnetic resonance imaging)
- Technique
- Anatomy
- Diseases
- Diagnostic radiology
- Patient care
- Reporting

Part C: Clinical training in the x-ray department

- General examinations
- Neuroradiology examinations (angiography, computed tomography, magnetic resonance imaging)

Part D: Swedish Language and Orientation about Swedish society

Study Goals for the course are that at the end of the course the students shall:

- have an insight in radiological work in Sweden
- be able to perform general examinations, explain procedures, understand and practice radiation protection
- be competent in patient care
- be able to explain different choices of examination techniques in relation to different diagnosis

- have written a case study concerning a patient's examination in neuroradiology describing anatomy, disease, radiographic procedures, patient care and radiation protection
- have trained their ability to find and analyse scientific articles concerning chosen case studies
- have presented a case study
- be orientated in the Swedish language and society

#### Preliminary timetable for spring 2007

Week 1 and 2	Introduction into Swedish language, society and health care. Introduction to Lund University, department of nursing and BFC (Dep. of diagnostic radiology) Lund University Hospital
Week 3	Introduction to course Introduction general radiography and case study
Week 4-5	General radiography: Clinical placement and group work
Week 5-7	Clinical placement (CT and MRI) Case-study
Week 8	Case-study
Week 9-12	Clinical placement (CT and MRI) Case-study Presentation of case-study Holiday for one week when the time is suitable