

COURSE SYLLABUS

Radiography - Reporting and Image Processing at Acute Injuries in the Skeleton, 20 credits

Radiography - Reporting and Image Processing at Acute Injuries in the Skeleton, 20 högskolepoäng

Course Code:	HRRN11	Education Cycle:	First-cycle level
Confirmed:	Nov 12, 2024	Disciplinary domain:	Medicine
Revised:	Oct 01, 2025	Subject group:	Medical Technologies
Valid From:	Jan 19, 2026	Specialised in:	G2F First cycle, has at least 60 credits in first-cycle course/s as entry requirements
		Main field of study:	Radiography

Intended Learning Outcomes (ILO)

On completion of the course the student will be able to:

Knowledge and understanding

- describe in an in-depth way normal anatomy and normal anatomical variations in the appendicular and the axial skeleton of conventional X-ray examinations
- describe in an in-depth way common pathological changes in acute injuries within the appendicular and the axial skeleton
- explain in an in-depth way basic radiographic image reconstruction methods optimised for the appendicular and the axial skeleton
- explain the basics in Swedish health care system and radiography, showing some understanding of Swedish context and language.

Skills and abilities

- assess and analyse image quality adapted for the appendicular and the axial skeleton within conventional X-ray examination
- identify and describe pathological changes in acute injuries within the appendicular and the axial skeleton by conventional X-ray examination
- perform clinical work according to patient safety in the peri-radiographic process.

Judgement and approach

- critically review and evaluate own efforts and values related to the radiographers' competency standards
- evaluate collaboration with other professions from a professional point of view
- assess and meet the caring needs of patients from an equality perspective.

Content

- conventional radiography
- Red dot, Radiographers Abnormality Detection Schemes (RADS)
- general and specific patient care
- patient safety
- normal anatomy and variations
- pathology
- image quality
- the peri-radiographic process

- Swedish language and health care systems

Type of instruction

The course is conducted in the form of active search for knowledge, problem solving, reflection and critical analysis. The work methods are based on flexible learning and can vary between individual work, group work, seminars and lectures. Four weeks of clinical training takes place under organized supervision.

Language of instruction is in English.

Entry requirements

General entry requirements and completed courses to at least 120 credits within the Radiographer education(or the equivalent).

Examination and grades

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

The course examination will be based upon two individual written assignments, of which one of those is a logbook, an individual written examination, two oral presentations (seminars) and completed clinical placement.

Registration of examination:

Name of the Test	Value	Grading
Written assignment 1	4.5 credits	VG/G/U
Written assignment 2	2 credits	VG/G/U
Individual written examination	2 credits	A/B/C/D/E/FX/F
Seminar 1	2 credits	VG/G/U
Seminar 2	2 credits	VG/G/U
Clinical studies/clinical placement	7.5 credits	G/U

Other information

Eligibility to the course requires that the student has completed 2 years of their Radiographer education at a university which is part of the Erasmus Radiography Group exchange programme within Erasmus/Socrates.

Temporary interruption of a course

The School of Health and Welfare may suspend a student's participation in clinical training or other practical activities during the course if a student demonstrates gross unfitness/incompetence when applying skills. A student whose work-based training or other practical activities have been canceled due to gross inadequacy/incompetence may not continue study before the course director or examiner has verified and approved that the student has the knowledge and skills required. In connection with a decision on suspension, the decision will specify the grounds on which the suspension is based. After the decision, an individual plan will be established for the student where knowledge and skills gaps are specified, the degree of support the student is entitled to, and the terms and date(s) for examination(s).

Course literature

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

Lampignano, J., & Kendrick, L.E. (2024). *Radiographic Positioning and Related Anatomy*. Elsevier.

Feneis, H. & Wolfgang, D. (2006). *Anatomisk bildordbok*. Liber.

Möller, T. (2000). *Normal findings in radiography*. Thieme.

Scientific articles will be added.

The most recent edition of the course literature should be used.