

COURSE CATALOGUE 2020-2021

Course Title	Ultrasound
Term	Term 3
Inholland Faculty	Faculty of Health, Sports & Social Work
Course code	Erasmus Ultrasound (ERG)
Inholland location	Haarlem
Cycle	first cycle / undergraduate / Bachelor level
Number of ECTS	20
Language of	English
instruction	
Course content	basic scanning skillsultrasound examination upper abdomen
	duplex carotid arteries
	topographic anatomy
	image recognition
	 sonographic appearance common pathology
	ultrasound physics
Lecturer(s)	Coordinator: Geert Plug (geert.plug@inholland.nl)
Learning outcomes	Have understanding of the normal anatomy and physiology of the organs
Learning outcomes	and vascular system in the upper abdomen
	 develop scanning skills in order to evaluate organs and vascular
	• develop scanning skills in order to evaluate organis and vascular system in the upper abdomen by ultrasound and produce images of
	these
	 be able to perform a basic ultrasound-examination in a given case
	 recognize abnormal appearance of the organs and vascular system in the upper abdomen
	have understanding of pathologic processes and their ultrasound
	appearances
	apply knowledge of ultrasound physics in practical examination
	 further develop communicative en co-operative skills how insight into the role of the ultrasound technician in relation to
	 have insight into the role of the ultrasound-technician in relation to general medical imaging
Mode of delivery,	general medical imaging Problem based learning (PBL) which requires participation in:
planned activities	 group meetings with problem tasks
and teaching	 lectures
methods	 role-play exercises and demonstrations
	 individual study



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	project and report writing in English
	 oral presentations of the report in English
	Skills lab training
	 practical training on ultrasound equipment in the skills lab
	Clinical outplacement (1 week max.)
	attending to ultrasound examinations
	performing basic examinations in radiology
Prerequisites and co-	Course is only available for radiology students and radiation therapy
requisites (if	students from institutes which are member of the Erasmus Radiography
applicable)	Group (ERG). Application only through ERG-coordinator of home-institute.
Recommended or	Books / reader available at host institution.
required reading	
and/or other learning	
resources/tools	
Assessment	attending to mandatory classes
methods and criteria	all assignments are handed in
	presentations
	clinical placement
	 practical and theoretical (anatomy, fysics, pathology) exams
	portfolio assessment
	All items will be assessed and have to be passed.