GHENT UNIVERSITY

Course Specifications

Valid in the academic year 2022-2023

Pediatric Rehabilitation (D001000)

Course size *(nominal values; actual values may depend on programme)*

Credits 3.0	**Study time 90 h**	**Contact hrs**	40.0h

Course offerings and teaching methods in academic year 2022-2023

A (semester 2)	English	Gent	lecture	15.0h
			practicum	10.0h
			group work	5.0h
			seminar	10.0h

Lecturers in academic year 2022-2023

Van der Looven, Ruth	GE58	staff member
Bar-On, Lynn	GE37	lecturer-in-charge

Offered in the following programmes in 2022-2023	**crdts**	**offering**
Master of Science in Rehabilitation Sciences and Physiotherapy(main subject Rehabilitation Sciences and Physiotherapy in Elderly)	3	A
Master of Science in Rehabilitation Sciences and Physiotherapy(main subject Rehabilitation Sciences and Physiotherapy with Children)	3	A
Master of Science in Rehabilitation Sciences and Physiotherapy(main subject Rehabilitation Sciences and Physiotherapy with Internal Diseases)	3	A
Master of Science in Rehabilitation Sciences and Physiotherapy(main subject Rehabilitation Sciences and Physiotherapy with Musculoskeletal Afflictions)	3	A

Teaching languages

English

Keywords

Pediatric rehabilitation

Position of the course

The module is an initiative of the Ghent University Association. It is also available for occupational therapy, speech therapy, nursing and medicine students of the Association. Incoming international students will be specifically invited to the course, which is elective.

Contents

This intensive two-week module (before the Easter vacation) focuses on typical development in children and on the medical interventions and rehabilitation of children in a hospital setting. In particular, the program focuses on the rehabilitation of children with neurological disorders, amputations, burns, and cancer. This module does not address learning disabilities, autism spectrum, and other behavioral disorders. In addition, the (re)integration of children with disabilities into the community is addressed and the latest developments in rehabilitation technology are examined. From an international perspective, multiculturalism and the choice of different rehabilitation settings are discussed. The course includes several theme days on specific topics (learning units). Topics may include:
1. Typical development; 2. Interdisciplinary clinical evaluations; 3. Brain injuries; 4. Amputations, burns, oncology and spinal cord injuries; 7. Coping mechanisms; 8. Integration into society and reintegration into school.
In addition, interdisciplinary workshops (e.g. on Veronica Sherborne movement pedagogy and circus techniques) and a study visit will be organized. International and interdisciplinary aspects of pediatric rehabilitation will be introduced by involving international rehabilitation experts in the lessons.
A group assignment is carried out whereby students from different disciplines work together to solve a case study.

Initial competences

A Bachelor's degree in Rehabilitation Sciences and Physiotherapy, Logopedic and Audiological Sciences or Medicine is required to be able to follow this course.
The course is also available for students in the last or last but one semester of a Bachelor program in Occupational Therapy, Speech Therapy or Nursing, on condition of permission from the titular of the course.

Final competences

1 With reference to the ICF model, indicate and demonstrate how pediatric rehabilitation is viewed in a multicultural perspective.
2 Present the case of a child in pediatric rehabilitation to an international and multidisciplinary audience.

3 Understand the role and tasks of different disciplines in pediatric rehabilitation.
4 Apply interdisciplinary work to solve a case study in pediatric rehabilitation.

5 Under supervision, plan and present a simple (disciplinary-specific) clinical examination for a child with a neurological or oncological disease or with amputation in a hospital setting.
6 Under supervision, plan and present a simple (disciplinary-specific) age-appropriate treatment plan for a child with a neurological or oncological disease or with amputation in and beyond a hospital setting.

7 Describe how evidence-based clinical reasoning is applied during the rehabilitation of a child with a neurological or oncological disease or with an amputation within a hospital setting.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Practicum, Group work, Guided self-study, Seminar, Lecture

Learning materials and price

Required study material will be provided online.

References

Course content-related study coaching

The students can make specific appointments if required.

Assessment moments

continuous assessment

Examination methods in case of periodic assessment during the first examination period

Examination methods in case of periodic assessment during the second examination period

Examination methods in case of permanent assessment

Peer assessment, Assignment

Possibilities of retake in case of permanent assessment

examination during the second examination period is possible in modified form

Extra information on the examination methods

The evaluation will be based on the presentation in group of a case prepared during the two weeks of the module. Peer-review will be used to correct the group score. Attendance of at least 80% of the lessons is necesarry to pass the course.

Calculation of the examination mark

The final mark is based on the group assignment, a case of a child (80% group score) and the individual presentation (20% individual score). Peer-review will be used to correct the score with maximal two points unless it becomes clear from the peer-review that the student did not

or nearly did not contributed to the assignment. In that case the score will be corrected to 9/20.
Attending less than 80% of the lessons results is in a maximal final mark of 9/20.