

## Pediatric Rehabilitation (D001000)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

<b>Course size</b>	<i>(nominal values; actual values may depend on programme)</i>		
<b>Credits</b> 3.0	<b>Study time</b> 90 h	<b>Contact hrs</b>	40.0 h

### Course offerings and teaching methods in academic year 2021-2022

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

### Lecturers in academic year 2021-2022

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

### Offered in the following programmes in 2021-2022

	crdts	offering
<a href="#">Master of Science in Rehabilitation Sciences and Physiotherapy (main subject Rehabilitation Sciences and Physiotherapy in Elderly)</a>	3	A
<a href="#">Master of Science in Rehabilitation Sciences and Physiotherapy (main subject Rehabilitation Sciences and Physiotherapy with Children)</a>	3	A
<a href="#">Master of Science in Rehabilitation Sciences and Physiotherapy (main subject Rehabilitation Sciences and Physiotherapy with Internal Diseases)</a>	3	A
<a href="#">Master of Science in Rehabilitation Sciences and Physiotherapy (main subject Rehabilitation Sciences and Physiotherapy with Musculoskeletal Afflictions)</a>	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.

### **Initial competences**

To have a Bachelor degree in Rehabilitation Sciences and Physiotherapy, Logopedic and Audiological Sciences or Medicine.

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 Indicate and demonstrate how pediatric rehabilitation is viewed in a multicultural perspective.
- 2 To be able to present the case of a child in pediatric rehabilitation to an international and multidisciplinary audience.
- 3 To understand the task of different disciplines in pediatric rehabilitation.
- 4 Apply interdisciplinary work in pediatric rehabilitation.
- 5 Under supervision, plan and present a simple 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 treatment plan for a child with a neurological or oncological disease or with an amputation.
- 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**

Group work, lecture, practicum, seminar

### **Extra information on the teaching methods**

Because of COVID19 adapted teaching methods can be implemented if necessary.

### **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.

### **Evaluation methods**

continuous assessment

### **Examination methods in case of periodic evaluation during the first examination period**

### **Examination methods in case of periodic evaluation during the second examination period**

### **Examination methods in case of permanent evaluation**

Assignment, peer assessment

### **Possibilities of retake in case of permanent evaluation**

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 necessary 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 contribute to the assignment. In that case the score will be corrected to 9/20. Attending less than 80% of the lessons results in a maximal final mark of 9/20.