

## Graphics Design and Digital Imaging (C004034)

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

**Credits** 3.0                      **Study time** 75 h                      **Contact hrs** 32.0h

**Course offerings and teaching methods in academic year 2022-2023**

A (semester 1)	English	Gent	lecture	12.5h
			seminar	20.0h

**Lecturers in academic year 2022-2023**

tkint, Tim	WE11	co-lecturer
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**Offered in the following programmes in 2022-2023**

<a href="#">International Master of Science in Marine Biological Resources</a>	<b>crdts</b>	<b>offering</b>
	3	A

**Teaching languages**

English

**Keywords**

**Position of the course**

This introduces students to the basic aspects of photography, digital image manipulation and graphical design. Via hands-on sessions students a wide diversity of techniques and open-source tools are presented.

**Contents**

Introduction to basic aspects of photography (3 sessions): Microscopy imaging, Macro photography, Nature photography  
 Introduction to the use of GIMP –theory + practicals (freeware alternative for adobe photoshop)  
 Introduction to the use of Inkscape –theory + practicals (freeware alternative for adobe illustrator)  
 Introduction to various graphical products and how to make them (posters, infographics, ... )

**Initial competences**

**Final competences**

- 1 Be able to take photos using regular digital (reflex) cameras
- 2 Understand the technical aspects of photography
- 3 Understand and be able to manipulate images using open source graphical software
- 4 Understand and be able to create vector based graphical products using open source graphical software

**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, Seminar, Lecture

**Learning materials and price**

**References**

**Course content-related study coaching**

**Assessment moments**

**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**

**Possibilities of retake in case of permanent assessment**

not applicable

**Extra information on the examination methods**

Assesment is done via a series of assignments in the format of a documented portfolio: People in action, Animals / plant, Science Popularisation, advertisement poster for a scientific event, an infographic

**Calculation of the examination mark**