

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** 32.0 h

Course offerings and teaching methods in academic year 2022-2023

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

Lecturers in academic year 2022-2023

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

International Master of Science in Marine Biological Resources	crdts	offering
	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

null

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

Lecture, practicum, seminar

Learning materials and price

References

Course content-related study coaching

Evaluation methods

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

Possibilities of retake in case of permanent evaluation

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