

Graphics Design and Digital Imaging (C004034)

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

Credits 3.0

Study time 75 h

Course offerings and teaching methods in academic year 2025-2026

A (semester 1)

English

Gent

seminar
lecture

Lecturers in academic year 2025-2026

Pasotti, Francesca

WE11

lecturer-in-charge

tkint, Tim

WE11

co-lecturer

Offered in the following programmes in 2025-2026

[International Master of Science in Marine Biological Resources](#)

crdts

3

offering

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

Seminar, Lecture, Practical

Study material

None

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