Basic information about the subject (independent of the cycle)

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| **Module name** | **Image Manipulation in GIMP** |
| Erasmus code |  |
| ISCED code |  |
| Language of instruction | English |
| Website |  |
| Prerequisites | None. Introductory course. |
| ECTS points hour equivalents | Contact hours (work with an academic teacher): 30 Total number of hours with an academic teacher: 60 Non-contact hours (students' own work): 120  Total number of ECTS points for the module: 6 ECTS |
| Educational outcomes verification methods | Project |
| Description | GIMP /GNU Image Manipulation Program is an open source (it can be used without any fees also in commercial projects) application that can be successfully used for advanced photo processing as well as for creating graphics for the Internet. The program is available for all the most popular operating systems: Mac OS, Linux, Windows. Similarly to Photoshop, GIMP has been equipped with a number of tools (brush, selection, eraser, padding, wand, magnification, cloning, displaying text, smudging, pencil, scaling etc.) allowing to perform elementary, though not so simple computationally, operations on graphics.  Work in GIMP takes place on layers and channels, which allows for non-destructive photo editing and convenient graphic design. Noteworthy is the abundance of selection tools, for example, freehand selection, selection with a soft edge, and the ability to use Bezier curves to select the selection area. You can also paint your own selection with Quickmask. The shapes can be modified by scaling, rotating, rotating and tilting. |
| Practice | None |