Basic information about the subject (independent of the cycle)

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| **Module name** | **Cloud computing** |
| 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 | Cloud computing is a data processing model based on the use of services provided by the service provider (internal department or external organization). Cloud is a service offered by the given software. This means eliminating the need to purchase a license or the need to install and administer software. The term "cloud computing" is associated with the concept of virtualization. The "cloud computing" model is historically associated with processing in the grid network, where many systems provide services using connected resources.  As part of the course, only free solutions will be discussed, but will enable commercial use of the results generated by users. Among other things, tools for editing text, image, sound, video and others will be discussed. |
| Practice | None |