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**ERASMUS +
HIGHER EDUCATION CAPACITY BUILDING**

Erasmus+ Project

**New curricula in Precision Agriculture using GIS technologies and sensing
data**

(CUPAGIS)

Agreement

on instructional strategy for curricula design in the framework of the project

Adopted at the project coordination meeting 30 August 2019

Prepared by EXOLAUNCH GmbH

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A leader/specialist for the development of the curricula in the university and teachers responsible for the development and introduction of new disciplines, courses and curricula should be appointed in each partner university. It is advisable to involve these teachers in training in European universities in 2019-2020.

The curricula description must meet the standards in Framework for Qualifications of European Higher Education Area and the requirements of national qualification frameworks; the curricula description has to be in the English language.

Curricula description should be designed according to the template of the curriculum/module description provided in the Information Management Package.

The template should include:

1. Degree type (BA, MA) and title of the study programme;
2. Duration and language of instruction. It is recommended to introduce at least 50% of lessons /courses in English;
3. Prerequisites for the described new/modernized curricula: obligatory admission requirements and requirements for study progress (test, exam, thesis)
4. Aims of the new/modernized curricula and competences foreseen by the study programme should be clearly described;
5. Expected learning outcomes (knowledge, skills, competences in the terms of “know-understand-can”) should be clearly defined;
6. The academic structure of the study programme should be described in details (courses/modules, lecture face-to face; seminar; webinar; ECTS points and students’ workload). The ECTS grading scale ranks the students on a statistical basis.
7. Work hours of lectures, seminars, practical works, laboratory works should be balanced.

8. Content of the study programme should be shortly and comprehensively described
 9. Teaching materials and syllabus (textbooks, manuals, tutorials, handbooks) using modern educational technologies not older than 3 years; not less than 50% of the materials should be in English language
- Process of development of new and modernized curricula should be carried out according to the ADDIE model, where the basic elements of specific curricula should be described. The following stages of the Model should be taken into consideration: Need Analysis of current courses; Design; Development; Implementation and Evaluation.
 - Quality Assessment of the modernized/new courses should be conducted in accordance with the document “Recommendations for Quality Control CUPAGIS” by responsible quality groups assigned in each partner university. Quality indicators for peer reviews should be developed by the quality group before creating new or modernizing the old ones. Peer reviewers will use the quality indicators to evaluate new/modernized courses.