**Incoming student mobility**

**UNIOS University Unit: Faculty of Agrobiotechnical Sciences Osijek**

**COURSES OFFERED IN FOREIGN LANGUAGE**

**FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS**

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| **Department within the Faculty of Agrobiotechnical Sciences Osijek** | **Department of Agroecology and Environment Protection** |

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| **Study program**  | **Digital Agriculture** |

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| **Study level** | **Graduate (Master)** |

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| **Course title** | **Fertilisation in Sustainable Agriculture** |
| **Course code (if any)** | **ICT-16** |
| **Language of instruction** | **English** |
| **Brief course description** | **The principles and systems of fertilization in sustainable agriculture, mineral and organic fertilizers, the principles and use of computer systems to calculate the need for fertilization and soil conditioning. Precision fertilization. By completing the intended program, students will be able to independently calculate the required fertilization and soil conditioning, and become familiar with the basic computer programs used for this purpose.** |
| **Form of teaching** | **Lecture, Practice and Seminar** |
| **Form of assessment** | **Two partial exams, Seminar and Oral exam** |
| **Number of ECTS** | **4** |
| **Class hours per week** | **4** |
| **Minimum number of students**  | **5** |
| **Period of realization (semester)** | **Winter semester** |
| **Lecturer** | **Zdenko Lončarić** |