



European Funds  
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Republic  
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### INTENSIVE EDUCATION PROGRAM:

## Specialist in Agricultural and Food Engineering in the context of Green and Digital Transformation (Twin Transition)

### Week 1 – Agricultural Week

Module symbol	Module name	Form of assessment	Number of total class hours	ECTS	Number of hours of classes developing practical skills	ECTS	Number of hours of classes conducted using distance learning methods and techniques	ECTS
SAFE01	Management of digital data on farms		3	0.20	2	0.12	0	0
SAFE02	Application of drones in precision agriculture		3	0.20	2	0.12	0	0
SAFE03	Biostimulators		3	0.20	2	0.12	0	0
SAFE04	Hazards when using pesticides		3	0.20	2	0.12	0	0
SAFE05	Quality systems		3	0.20	2	0.12	0	0
SAFE06	Circular economy		3	0.20	2	0.12	0	0
SAFE07	Biofuels		3	0.20	2	0.12	0	0
SAFE08	Operation of renewable energy systems		3	0.20	2	0.12	0	0
SAFE09	Unconventional methods of managing plant waste materials		3	0.20	2	0.12	0	0
SAFE10	Regenerative agriculture		3	0.20	2	0.12	0	0



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### Week 2 – Food Week

Module symbol	Module name	Form of assessment	Number of total class hours	ECTS	Number of hours of classes developing practical skills	ECTS	Number of hours of classes conducted using distance learning methods and techniques	ECTS
SAFE11	Refrigeration Processes in the Processing and Preservation of Agricultural and Food Products		3	0.20	2	0.12	0	0
SAFE12	Food microbiology		3	0.20	2	0.12	0	0
SAFE13	Modern food processing methods 1		3	0.20	2	0.12	0	0
SAFE14	Modern food processing methods 2		3	0.20	2	0.12	0	0
SAFE15	Packaging		3	0.20	2	0.12	0	0
SAFE16	Unconventional methods of food preservation and their impact on human health and the environment		3	0.20	2	0.12	0	0
SAFE17	Freeze-Drying Food: Pros and Cons		3	0.20	2	0.12	0	0
SAFE18	HACCP Food Quality System		3	0.20	2	0.12	0	0
SAFE19	Freeze-Dried Food Additives		3	0.20	2	0.12	0	0
SAFE20	Chemical analyses of food		3	0.20	2	0.12	0	0

Total: 60 hours - 4 ECTS

