

**Course name:**

**ORGANIC FARMING**

ECTS	3
Course status	complementary - obligatory
Course final assesement/evaluation of outcomes	exam / credit / credit unrated
Prerequisites	

**Main field of study:**

**field of study name (capital letters)**

Profile of study	General-academic
The code of studies (education level)	SI/SM (bachelor/master)
Semester of studies	winter/summer
Language of instruction	English

**Course offered by:**

Name of faculty offering the course	Faculty of AGRICULTURE AND ECONOMICS
Name of department offering the course	Department of AGROECOLOGY AND CROP PRODUCTION
Course coordinator	MACIEJ CHOWANIAK

**Learning outcomes of the course:**

Symbol of outcome	Description of learning outcome	Reference to	
		main field of study outcomes	discipline#

**KNOWLEDGE – student knows and/or understands:**

OF_W01	rules and aims of the organic system	RO2_W13	RR
OF_W02	methods of production in organic system	RO2_W11	RR
OF_W03	regulations and norms in organic sector	RO2_W04	RR
OF_W04	system of certification	RO2_W04	RR

**SKILLS – student is able to:**

OF_U01	prepare plan of work for organic farm	RO2_U01	RR
OF_U02	prepare documentation for organic production	RO2_U14	RR
OF_U03	prepare plan of audit in organic unit	RO2_U03, RO2_U04	RR

**SOCIAL COMPETENCE- student is ready to:**

OF_K01	organizes and participates in the work teams designed to perform project	RO2_K02	RR
OF_K01	understands the role of organic system in sustainable production	RO2_K06	RR

**Teaching contents:**

<b>Lectures</b>		<b>15</b>	<b>hours</b>
Topics of the lectures	<p>Introduction: Legislation and general principles of organic production</p> <p>Crop rotation in organic farming</p> <p>Specificity of plant protection in organic production</p> <p>Fertilization and fertilizers</p> <p>Certification system, Risk analysis and traceability. Incompatibilities, sanctions and corrective actions</p> <p>Companion crops</p> <p>Animal husbandry in organic system</p> <p>Beekeeping and aquaculture, Organic wild collection, Manufacturing, wholesale and import</p>		
Accomplished learning outcomes	<i>OF_W01, OF_W02, OF_W03, OF_W04</i>		
Verification methods, rules and criteria of outcome assessment	<i>Written test exam, for passing an examination at least 60% of questions should be answered correctly. The contribution of the evaluation of the lectures in the final grade is 66.6%.</i>		
<b>Classes</b>		<b>15</b>	<b>hours</b>
Topics of the classes	<p>Preparing project of farm:</p> <p>crop rotation</p> <p>plant protection</p> <p>fertilization</p> <p>process of conversion</p> <p>documentation and audit</p>		
Accomplished learning outcomes	<i>OF_U01, OF_U20, OF_U03, OF_K01, OF_K02</i>		
Verification methods, rules and criteria of outcome assessment	<i>Evaluation of individual projects. For passing laboratory classes the project should be properly executed. The contribution of the evaluation of laboratory classes in the final grade is 33.4%.</i>		
<b>Seminars</b>		<b>...</b>	<b>hours</b>
Topics of the seminars			
Accomplished learning outcomes	<i>symbol of learning outcomes of the seminars</i>		
Verification methods, rules and criteria of outcome assessment	<i>together with participation in the final assesement (in %)</i>		
<b>References:</b>			
Basic	<p>1. B. Šarapatka, J. Urban et al. 2009. <i>Organic Agriculture</i>. IAEI, Prague</p> <p>2. <i>Natural resource management in agriculture</i>. 2004. Ed.: B. Shiferaw, H.A. Freeman, S.M. Swinton, CABI Publishing.</p> <p>3. <i>Organic agriculture A global perspective</i>. 2006. Ed.: Kristiansesn P., Taji A., Reganold J., CABI Publishing</p>		
Supplementary	<p>1. <i>Organic farming: an international history</i>. 2007. Edited by. William Lockeretz. Friedman School of Nutrition Science and Policy, Tufts University,. Boston, Massachusetts, USA</p> <p>2. <i>Organic Farming – EU regulations</i> <a href="https://ec.europa.eu/agriculture/organic/">https://ec.europa.eu/agriculture/organic/</a></p> <p>3. <i>International Federation of Organic Agriculture - Annual Reports</i>, IFOAM Head Office, Germany (<a href="http://www.ifoam.org">www.ifoam.org</a>)</p>		

**Structure of learning outcomes:**

Discipline: # RR	3	ECTS**
Discipline: # (provide appropriate symbol - if the course relates to more than one academic discipline)	...	ECTS**

**Structure of student activities:**

Contact hours	36	hours	1,4	ECTS**
including:				
lectures	15	hours		
classes and seminars	15	hours		
consultations	4	hours		
participation in research	...	hours		
mandatory traineeships	...	hours		
participation in examinations	2	hours		
e-learning	...	hours	...	ECTS**
student own work	40	hours	1,6	ECTS**

Syllabus valid from the academic year 2021/2022

**\* where 10 hours of classes = 1 ECTC (in case of 15 h → 2 ECTS)**

\*\* stated with an accuracy to 0.1 ECTS, where 1 ECTS = 25 - 30 hours of classes

# academic discipline code: RR - agriculture and horticulture