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**SEAQ\_PS\_PrMA\_A.06**

## SYLLABUS

### 1. Information on the study programme

1.1 Academic institution	<b>UNIVERSITY OF ORADEA</b>
1.2 Faculty	<b>FACULTY OF ENVIRONMENTAL PROTECTION</b>
1.3 Department	<b>AGRICULTURE AND HORTICULTURE</b>
1.4 Field of study	<b>AGRONOMY, HORTICULTURE</b>
1.5 Cycle of study	<b>MASTER</b>
1.6 Study programme/Qualification	<b>T.H.M. (M) + T.M.E.A.Z. (M) / Graduate Master's Degree</b>

### 2. Information on the discipline

2.1 Name of discipline	<b>LEGISLATION AND POLICIES IN ECOLOGICAL AGRICULTURE</b>						
2.2 Course holder	<b>POPOVICIU GABRIELA A.</b>						
2.3 Seminar/Laboratory/Project holder	<b>POPOVICIU GABRIELA A.</b>						
2.4 Year of study	II	2.5 Semester	IV	2.6 Type of evaluation	EX	2.7 Regime of discipline	I

(C) Compulsory; (O) Optional; (E) Elective

### 3. Total estimate time (hours per semester of didactic activities)


3.1 Number of hours per week	<b>4</b>	out of which:	<b>2</b>	out of which 3.3 seminar/laboratory/project	<b>2</b>
3.4 Total hours in the curriculum	<b>40</b>	out of which:	<b>20</b>	out of which 3.6 seminar/laboratory/project	<b>20</b>
Time allotment					hours
Study assisted by manual, course support, bibliography and notes					<b>35</b>
Additional documentation in the library/ on specialised electronic platforms and in the field					<b>33</b>
Preparation of seminars/laboratories/ topics/reports, portfolios and essays					<b>35</b>
Tutorship					<b>30</b>
Examinations					<b>2</b>
Other activities.....					-
<b>3.7 Total hours of individual study</b>	<b>135</b>				
<b>3.9 Total hours per semester</b>	<b>40</b>				
<b>3.10 Number of credits</b>	<b>7</b>				

### 4. Prerequisites (where appropriate)

4.1 curriculum	General knowledge of specific plant cultivation technologies in organic farming, the basics of organic farming.
4.2 competences	The Masterand student must have a minimum knowledge of the legislation of organic agriculture in Romania, but also in the EU.

### 5. Conditions (where appropriate)

5.1. related to course	Video projector, computer, PPT applications. The course will be
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	largely interactive, the relevant involvement of master students being important and necessary for conducting the course. In the current conditions generated by the pandemic: e-learning platform, TEAMS, ZOOM
5.2. related to seminar/laboratory/project	Master students will be actively involved in the discussions during the seminar.
<b>6. Specific competences acquired</b>	
Professional competences	C4 - Production of quality biological material for propagating crop plants C5 - Expertise of agricultural land, management and allocation of funds for agriculture C6 - Providing consulting and extension services in agriculture
Transversal competences	CT1. Elaboration and observance of a work program and accomplishment of one's own attributions with professionalism and rigor CT2 Application of efficient communication techniques in specific activities of teamwork; assuming a role within the team and respecting the principles of the division of labor CT3. Objective self-assessment of the need for continuous professional training in order to adapt professional skills to the dynamics of the field and the demands of the labor market: learning new methods and techniques through lifelong learning

#### 7. Objectives of discipline (coming from the specific competences acquired)

7.1 General objective	<input type="checkbox"/> Discipline presents essential aspects for the development of knowledge and skills in the specific directions of the organic farming system. The course also allows the acquisition of organic production system, this system aims to stop pollution and erosion of agricultural ecosystems, even their regeneration and obtaining "clean", unpolluted agricultural products to maintain and improve the health of the population.
7.2 Specific objectives	<input type="checkbox"/> The methodology for studying organic agro-food products will be applied to concrete case studies taking into account the legislation in force.

#### 8. Content\*/

8.1 Course	Methods of teaching	No. of hours/ Remarks
1. European EEC Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - General provisions (definition); - Defining specialized terms; - The main attributions of the Ministry of Agriculture, Forests and Rural Development (through the specialized department).	Interactive lecture. Course exposure with the video projector (face-to-face lecturers) or ZOOM/TEAMS connections. Some courses are conducted using the method of interrelationship, through debate, based on contributions and student interventions.	2
2. EEC European Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - Organic production rules; - The conditions that must be met by the organic production methods used in obtaining	Idem	2



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the products (referred to in Article 2 paragraph 1).		
3. European EEC Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - Basic principles of organic agro-food production; - Conversion of conventional to organic production.	Idem	2
4. European EEC Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - Labelling; - Inspection and certification system.	Idem	2
5. EEC European Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - Imports from third countries.	Idem	2
6. European EEC Directive no. 2092: 1991 on the mode of biological production of agricultural products, transposed by GEO no. 34/2000 on organic agro-food products: - Sanctions.	Idem	2
7. Government Decision no. 917/13 September 2001 for the application of the provisions of the Government Emergency Ordinance no. 34/2000 on organic agro-food products: - Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products (set out in Annex 1).	Idem	2
8. Government Decision no. 917/13 September 2001 for the application of the provisions of the Government Emergency Ordinance no. 34/2000 on organic agro-food products: - Conditions to be met by organic production methods used to obtain unprocessed vegetable, animal and unprocessed animal products, with the exception of seeds and propagating material.	Idem	2
9. Government Decision no. 917/13 September 2001 for the application of the provisions of the Government Emergency Ordinance no. 34/2000 on organic agri-food products:	Idem	2



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- Data to be observed by organic production methods for seeds and vegetative propagating material, mother plants for seeds and parent forms for vegetative propagating material.		
10. Government Decision no. 917/13 September 2001 for the application of the provisions of the Government Emergency Ordinance no. 34/2000 on organic agro-food products: - Conditions to be met by organic production methods for seedlings.	Idem	2
<b>Bibliography</b>		
<ol style="list-style-type: none"> <li>1. OROIAN, I. - Politici și legislație de mediu comunitar, Ed. Mediamira, Cluj-Napoca, 2006.</li> <li>2. Codul European de Bună Practică în Agricultură GAP-EUREP 2000.</li> <li>3. Directiva europeană CEE nr.2092:1991 privind modul de producere biologică a produselor agricole.</li> <li>4. HG 917 Reguli detaliate privind principiile producției ecologice pentru plante și produse din plante, animale și produse animale, apicultură și produse apicole.</li> <li>5. LEGE nr. 513 din 29 decembrie 2006 privind aprobarea Ordonanței de urgență a Guvernului nr. 62/2006 pentru modificarea și completarea Ordonanței de urgență a Guvernului nr. 34/2000 privind produsele agroalimentare ecologice.</li> <li>6. ORDIN nr. 153 din 3 martie 2006 privind aprobarea componenței Comisiei pentru acreditarea organismelor de inspecție și certificare din sectorul de agricultură ecologică, care desfășoară activități de inspecție și control al operatorilor pe teritoriul României.</li> <li>7. ORDIN nr. 317/190 din 11 mai 2006 privind modificarea și completarea anexei la Ordinul ministrului agriculturii, alimentației și pădurilor și al președintelui Autorității Naționale pentru Protecția Consumatorilor nr. 417/110/2002 pentru aprobarea Regulilor specifice privind etichetarea produselor agroalimentare ecologice.</li> <li>8. ORDIN nr.27 din 13 august 2003 pentru aprobarea Regulilor privind sistemul de inspecție și certificare și condițiile de acreditare a organismelor de inspecție și certificare în agricultura ecologică.</li> <li>9. OUG nr. 34/2000 privind produsele agroalimentare ecologice.</li> <li>10. <a href="https://www.srac-eco.ro/?gclid=CjwKCAjwxt_tBRAXEiwAENY8hX0J1Lfm3FFi3o-jClvJBSOWaTu00OKmBluRMOxDhUUIn6fhgVeaOB0CYiQQAvD_BwE">https://www.srac-eco.ro/?gclid=CjwKCAjwxt_tBRAXEiwAENY8hX0J1Lfm3FFi3o-jClvJBSOWaTu00OKmBluRMOxDhUUIn6fhgVeaOB0CYiQQAvD_BwE</a></li> </ol>		
<b>8.2 Seminar</b>	<b>Methods of teaching</b>	<b>No. of hours/ Remarks</b>
-		
<b>8.3 Laboratory</b>		
1. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Plants and plant products: 1.1. Conversion period; 1.2. Fertility and biological activity of the soil; 1.3. Diseases, pests and weeds - control.	Exemplification, interrelationship with master students	2
2. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Animals and animal products obtained from the following species: cattle, buffaloes, pigs, sheep, goats, horses and birds : 2.1. General principles; 2.2. Conversion; 2.3. Conversion of animals and animal products; 2.4. Simultaneous conversion; 2.5. Origin of animals; 2.6. Fodging.	Idem	2
3. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Animals and animal products obtained from the following species: cattle, buffaloes, pigs, sheep, goats, horses and birds :	Idem	2



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<p>3.1. Disease prevention and veterinary treatment; 3.2. Animal husbandry management, transport and identification of animal products; 3.3. Transport of animals; 3.4. Identification of animal products; 3.5. Fertilizers from animals; 3.6. Areas of free movement and animal shelters; 3.7. Population density of animals and measures to avoid overgrazing; 3.8. Mammals; 3.9. Birds.</p>		
<p>4. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Beekeeping and bee products: 4.1. General principles; 4.2. Conversion period; 4.3. The origin of bees; 4.4. Location of hives; 4.5. Feeding bees; 4.6. Disease prevention and veterinary treatments; 4.7. Beekeeping management practices and their identification; 4.8. Characteristics of hives and materials used in beekeeping.</p>	Idem	2
<p>5. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Products allowed to be used in organic farming; Phytosanitary products: 5.1. Substances of animal or vegetable origin; 5.2. Microorganisms used in the biological fight against parasites; 5.3. Other substances traditionally used in organic farming; 5.4. Products to control pests and diseases in shelters and spaces designed for raising animals; 5.5. Fertilizers and soil improvers.</p>	Idem	2
<p>6. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Raw materials for feed preparation: 6.1. Raw materials for the preparation of fodder of vegetable origin; 6.2. Raw materials for animal feed; 6.3. Feeding minerals.</p>	Idem	2
<p>7. GD 917 Detailed rules on the principles of organic production for plants and plant products, animals and animal products, beekeeping and bee products - Animal feed additives, certain substances used in animal nutrition and manufacturing aids used for feed: 7.1. Ingredients of agricultural origin; 7.2. Ingredients of non-agricultural origin; 7.3. Technological assistants; 7.4. Food additives; 7.5. Supports (including carrier solvents); 7.6. Arome.</p>	Idem	2
	Idem	2



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8. Emergency Ordinance no. 62 of December 6, 2006 for the amendment and completion of the Government Emergency Ordinance no. 34/2000 regarding ecological agro-food products.	Idem	2
9. Order no. 317/190 of May 11, 2006 on amending and supplementing the annex to the Order of the Minister of Agriculture, Food and Forests and of the President of the National Authority for Consumer Protection no. 417/110/2002 for the approval of the specific Rules regarding the labeling of ecological agri-food products.	Idem	2
10. Order no. 27 of 13 August 2003 for the approval of the Rules on the inspection and certification system and the conditions for accreditation of inspection and certification bodies in organic farming.	Idem	2
<b>Bibliografie:</b> <ol style="list-style-type: none"> <li>1. OROIAN, I. - Politici și legislație de mediu comunitar, Ed. Mediamira, Cluj-Napoca, 2006.</li> <li>2. Codul European de Bună Practică în Agricultură GAP-EUREP 2000.</li> <li>3. Directiva europeană CEE nr.2092:1991 privind modul de producere biologică a produselor agricole.</li> <li>4. HG 917 Reguli detaliate privind principiile producției ecologice pentru plante și produse din plante, animale și produse animaliere, apicultură și produse apicole.</li> <li>5. LEGE nr. 513 din 29 decembrie 2006 privind aprobarea Ordonanței de urgență a Guvernului nr. 62/2006 pentru modificarea și completarea Ordonanței de urgență a Guvernului nr. 34/2000 privind produsele agroalimentare ecologice.</li> <li>6. ORDIN nr. 153 din 3 martie 2006 privind aprobarea componenței Comisiei pentru acreditarea organismelor de inspecție și certificare din sectorul de agricultură ecologică, care desfășoară activități de inspecție și control al operatorilor pe teritoriul României.</li> <li>7. ORDIN nr. 317/190 din 11 mai 2006 privind modificarea și completarea anexei la Ordinul ministrului agriculturii, alimentației și pădurilor și al președintelui Autorității Naționale pentru Protecția Consumatorilor nr. 417/110/2002 pentru aprobarea Regulilor specifice privind etichetarea produselor agroalimentare ecologice.</li> <li>8. ORDIN nr.27 din 13 august 2003 pentru aprobarea Regulilor privind sistemul de inspecție și certificare și condițiile de acreditare a organismelor de inspecție și certificare în agricultura ecologică.</li> <li>9. OUG nr. 34/2000 privind produsele agroalimentare ecologice.  <a href="https://www.srac-eco.ro/?gclid=CjwKCAjwxt_tBRAXEiwAENY8hX0JlLfm3FFi3o-jClvJBSOWaTu00OKmBluRMOxDhUUIIn6fheVeaOBoCYiQQAvD_BwE">https://www.srac-eco.ro/?gclid=CjwKCAjwxt_tBRAXEiwAENY8hX0JlLfm3FFi3o-jClvJBSOWaTu00OKmBluRMOxDhUUIIn6fheVeaOBoCYiQQAvD_BwE</a> </li> </ol>		
8.4 Project		
-		


\* The content, respectively the number of hours allocated to each course / seminar / laboratory / project will be detailed during the 14 weeks of each semester of the academic year.

### 9. Corroboration of discipline content with the expectations of the epistemic community, professional associations and representative employers from the field corresponding to the study programme

The content of the discipline is topical, being agreed and of interest to researchers working in all scientific fields.

### 10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the final grade
10.4 Course	- for grade 5: Knowledge and appropriate use of discipline-specific notions.  - for grade 10: Ability to analyze, synthesize and integrate theoretical knowledge.	Exam.  All questions and topics are established from the theme of the course. In order to pass the exam, the subjects must be treated for a minimum grade of 5.	100%
10.5 Seminar	-		
10.6 Laboratory	-		
10.7 Project	-		

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10.8 Minimum standard of performance

- Mastery of scientific information transmitted through lectures and practical work at an acceptable, relevant level.

Date of completion  
02.10.2021

Signature of course holder\*\*

POPOVICIU Gabriela-Argentina  
lect. PhD; e-mail: [gpopoviciu@uoradea.ro](mailto:gpopoviciu@uoradea.ro)

Signature of seminar

laboratory/project holder \*\*  
POPOVICIU Gabriela-Argentina

Date of approval in the department

Signature of the Head of Department  
prof.univ.dr.ing. BANDICI Gheorghe  
<http://protmed.uoradea.ro/>

Dean signature  
Prof.univ.dr.ing. CHEREJI Ioan  
<http://protmed.uoradea.ro/>