

<b>University of Oradea</b>	<b>PROCEDURE to initiate, approve, monitor and periodically evaluate study programs</b>	<b>COD: SEAQ PE – U. 01</b>						
			<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
							<b>Approved in the Senate meeting: -- 03.03.2014</b>	

## Anexa 6

### CURRICULA

#### 1. Program data

1.1 Higher education institution	<b>UNIVERSITY OF ORADEA</b>
1.2 Faculty	<b>ENVIRONMENTAL PROTECTION</b>
1.3 Department	<b>ZOOTECHNICS AND AGROTOURISM</b>
1.4 Field of studies	<b>ZOOTECHNICS</b>
1.5 Cycle of studies	<b>GRADUATION PAPER</b>
1.6 Study Program / Qualification	<b>ZOOTECHNICS/ ENGINEER</b>

#### 2. Data on discipline

2.1 Name of the discipline	<b>BIRDS BREEDING I.</b>						
2.2 Course holder	<b>LECTURER DR.ENG. DODU MONICA ANGELICA</b>						
2.3 Seminar / laboratory / project owner	<b>LECTURER DR.ENG. DODU MONICA ANGELICA</b>						
2.4 Year of study	<b>IV</b>	2.5 Semester	<b>VII</b>	2.6 Type of evaluation	<b>Ex</b>	2.7 Type of discipline	<b>I</b>

(I) Imposed; (O) Optional; (F) Facultative

#### 3. Estimated total time (hours per semester of didactic activities)

3.1 Number of hours per week	<b>4</b>	of which: 3.2 lecture	<b>2</b>	3.3 seminar/laboratory/project	<b>2</b>
3.4 Total hours of the curriculum	<b>56</b>	of which: 3.5 lecture	<b>28</b>	3.6 seminar/laboratory/project	<b>28</b>
Distribution of time					hours
Study after manual, course support, bibliography and notes					<b>19</b>
Additional documentation in the library, on the specialized electronic platforms and on the field					<b>33</b>
Training seminars / laboratories, themes, papers, portfolios and essays					<b>26</b>
Tutorial					<b>4</b>
Examinations					<b>2</b>
Other activities.....					
<b>3.7 Total hours of individual study</b>	<b>84</b>				
<b>3.9 Total hours per semester</b>	<b>140</b>				
<b>3.10 Number of credits</b>	<b>5</b>				

#### 4. Preconditions (where applicable)

4.1 of curriculum	Basic knowledge of general theoretical notions of management
4.2 of competence	

#### 5. Conditions (where applicable)

5.1. lecture deploy	Classroom, laptop, videoprojector.
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5.2. deploy of seminar/laboratory/project	Well-equipped seminar room.
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6. Specific skills accumulated	
Professional skills	<ul style="list-style-type: none"> <li>-To know the elaboration, implementation and coordination of the technological processes specific to animal husbandry.</li> <li>-To carry out technical projects for setting up / modernizing livestock breeding, fish farming and aquaculture and for accessing financial resources.</li> <li>-It knows how to access the sources for consulting and extension services in the field of animal husbandry.</li> </ul>
Transversal skills	<ul style="list-style-type: none"> <li>- To know and to observe, to work and to accomplish their own tasks with professionalism and rigor.</li> <li>- To be self-assessed through continuous professional training programs in order to adapt and constantly meet the economic requirements; the use of communication information techniques and at least one international language of circulation.</li> </ul>

### 7. Objectives of the discipline (based on the specific skills grid)

7.1 General objective of the discipline	- Students' interest in the activities of teaching courses, practical activities in a modern way of approaching didactic activities.
7.2 Specific objectives	<ul style="list-style-type: none"> <li>- Acquiring theoretical and practical knowledge by students needed to know the growth, exploitation of birds.</li> <li>- Applying effective communication techniques in team-specific activities; preparing students by combining practical and theoretical knowledge</li> <li>- Objective self-assessment of the need for continuous professional training in order to adapt and respond to the economic requirements.</li> </ul>

### 8. Contents \*

8.1 Lecture	Teaching methods	Nr.of hours / Observations
<b>I. Importance of Bird Growth</b>	Conversation, exposure, debate	<b>2</b>
<b>II.Evolution, origin and domestication of birds</b>	Exposition, debate, participatory lecture,	<b>2</b>
2.1 Place of the birds in the zoo		
2.2 Evolution of birds.		
2.3Heeding and domestication of hens		
2.4.Organization and domestication of other birds.		
2.5 The effects of domestication on birds		<b>2</b>
<b>III. Bird breeds</b>	Conversation,exposition,	

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3.1. Chicken breeding	debate, participatory lecture,	2
3.2. Tours of turkeys		2
3.3. Duck breeding		2
3.4. Geese cuts		2
3.5. Pigs breeds		2
3.6. Pheasant populations		2
3.7. Populations of middle-aged men		2
3.8. Prepelite		2
3.9. Gibbles populations		2
<b>4. Reproduction of birds</b>	Conversation, Exposition, Debate, Participatory Lecture	2
4.1 The genital apparatus in birds		2
4.2 Egg formation		2
4.3 Mechanism of regulation of reproduction in birds		2
4.4 Breeding systems (methods) in poultry		2
4.5 Embryonic development in birds	2	
<b>5. Growing and exploiting hens for egg production</b>	Conversation, Exposition, Debate, Participatory Lecture	2
The chemical composition of the eggs		2
1. Chemical composition of yolk		2
2. The chemical composition of the white		2
3. The chemical composition of the mineral shell		2
Factors of influence of egg production		2
1. Factors influencing the composition of eggs		2
2. Factors influencing the numerical production of eggs		2
3. Factors that influence the weight of the eggs		2
Production of commercial egg hams for eggs		2
1. Targets and selection criteria for lines intended for the production of laying hens	2	
2. Commercial chicken hybrids.	2	
Systems for the growth of hybrids:	2	
1. Extensive and semiintensive growth systems;	2	
2. Intensive and superintensive growth systems;	2	
3. Alternative growth systems.	2	
Growing and exploitation technologies for hybrid hybrids:	2	
1. Growth technology for replacement youth;	2	
2. The technology of raising and exploiting laying hens;	2	
<b>6. Valuation of egg production:</b>	Conversation, Exposition, Debate, Participatory Lecture	2
6.1 Sorting eggs;		2
6.2 Preservation of eggs;		2
6.3 Obtaining egg powder.		2

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Bibliography:		
<ol style="list-style-type: none"> <li>Chereji I., – Tehnologii de creștere a animalelor, Ed. Universității din Oradea, 2004</li> <li>Chereji I.,– Tehnologia creșterii găinilor ouătoare, Ed.universității din Oradea, 2008</li> <li>Chereji I.,– Păsări-îndrumător practic, Ed.universității din Oradea, 2008.</li> <li>Driha, A., - Curs de tehnologia creșterii păsărilor, 2000.</li> <li>Dođu M., –Creșterea păsărilor, Ed.Universității din Oradea, 2011</li> <li>Dođu M., –Creșterea păsărilor, noțiuni practice, Ed.Universității din Oradea, 2011</li> <li>Usturoi M.G., și colab.-Tehnologii de creștere a păsărilor,Ed. Alfa,Iași,2005</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. I, Ed. Ceres, Buc., 2002</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. II., Ed. Ceres, Buc., 2002</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. III, Ed. Ceres, Buc., 2004</li> </ol>		
8.2 Seminar	Teaching methods	Nr.of hours / Observations
8.3 Laboratory		
<b>1.Birds outboard</b>	Exposition, Debate, Participatory Lecture	
1.1 External characteristics of the hen;		2
1.2 Outside peculiarities of the turkey;		2
1.3 Goose exterior features;		2
1.4 Outside peculiarities of guinea fowl;		
1.5 Peculiar exterior features;		
1.6 Particularities of quail on the outside;		2
1.7 Outside Particulars in the Cougar.		
<b>2. Skin and skin productions</b>	Exposition, Debate, Participatory Lecture	
2.1 Skin		2
2.2 Field crops		
Morphology of Feather		2
2.2.2 Feather categories and distribution of feathers on the body of birds		2
2.2.3. Formation of feathers		
2.2 4 Color and drawing of feathers		
<b>3.Exception of the exterior to domestic poultry:</b>	Exposition, Debate, Participatory Lecture	
3.1 Free Method;		2
3.2 Biometric method;		2
3.3 Point method;		
3.4 Photo method.		2
<b>4.Birds</b>	Exposition, Debate, Participatory Lecture	
4.1 Chickens:		2
4.1.1 Heavy Chicken Breeds;		
4.1.2 Light chicken breeds;		
4.1.3 Mixed chickens (intermediate);		2
4.1.4 Ornament chickens:		
4.2 Turkeys		
4.3 Duck breeds:		2
4.3.1 heavy duck breeds;		
4.3.2 light races;		
4.3.3 decorative duck breeds.		
4.4 Goose breeds:		2

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4.4.1 Heavy geese breeds;		
4.4.2 Geese breeds semigars;		
4.4.3 Light geese breeds.		
8.4 Project		
Bibliography:		
<ol style="list-style-type: none"> <li>Chereji I., – Tehnologii de creștere a animalelor, Ed. Universității din Oradea, 2004</li> <li>Chereji I., – Tehnologia creșterii găinilor ouătoare, Ed. universității din Oradea, 2008</li> <li>Chereji I., – Păsări-îndrumător practic, Ed. universității din Oradea, 2008.</li> <li>Driha, A., - Curs de tehnologia creșterii păsărilor, 2000.</li> <li>Dodu M., – Creșterea păsărilor, Ed. Universității din Oradea, 2011</li> <li>Dodu M., – Creșterea păsărilor, noțiuni practice, Ed. Universității din Oradea, 2011</li> <li>Usturoi M.G., și colab.-Tehnologii de creștere a păsărilor, Ed. Alfa, Iași, 2005</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. I, Ed. Ceres, Buc., 2002</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. II., Ed. Ceres, Buc., 2002</li> <li>Vacaru-Opriș I., și colab. – Tratat de avicultură, Vol. III, Ed. Ceres, Buc., 2004</li> </ol>		

\* The content or 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. Corroborating the contents of the discipline with the expectations of the representatives of the epistemic community, professional associations and representative employers in the field of the program

Under this management, students acquire a consistent knowledge baggage to facilitate the organization of their practice so that they comply with the European norms. The content of the subject is corroborated with what is done in other university centers in the country.

### 10. Assessment

Type of activity	10.1 Assessment criteria	10.2 Assessment methods	10.3 Percentage of the final grade
10.4 Lecture	-The language assimilation, correctness, completeness of knowledge, logical consistency.	Written assessment (final exam session)	70%
10.5 Seminar			
10.5 Laboratory	-capacity of application of knowledge in practice; -capacity to work with assimilated knowledge; - Criteria for attitudinal criteria: interest for individual study.	Written assessment (final exam session)	30%

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10.7 Project			
10.8 Minimum performance standard: Knowledge of biology, bird breeding and exploitation technology, as well as methods of harvesting, processing and capitalizing on poultry products.			

Date	Signature of course holder **	Signature of seminar/laboratory project holder**
01.10.2022	Lecturer dr. eng.Dodu Monica monica_dodu@yahoo.com	Lecturer dr. eng.Dodu Monica monica_dodu@yahoo.com

Date of approval in the department	Signature of department director
	Lecturer dr. eng.Dodu Monica monica_dodu@yahoo.com

Signature of Dean  
Assoc.prof.dr.ing.Maurescu Cristina Maria  
Cristina\_maurescu@yahoo.com