

<b>Integrated Management of Poultry Enterprises (602915)</b>	
<b>The University of Jordan</b>	<b>1<sup>st</sup> Semester 2021/2022</b>
<b>School of Agriculture</b>	<b>Class Time: 13:00 – 16:00 (Monday)</b>
<b>Department of Animal Production</b>	<b>Class Room: Dept Seminar Room</b>

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### ***Course Description:***

The purpose of this course is to study the modern systems of integrated management of poultry enterprises at large scales. There will be a focus on different poultry production systems and their integration into other agricultural operations. House designs, construction materials, and proposed layouts for future systems will be covered. The full integration of different poultry management practices in the whole production cycle with special emphasis on the advanced technology will be covered.

### ***Expected Learning Expectation***

At the end of the course students are expected to:

1. Develop an understanding of the different systems for poultry production.
2. Be familiar with and able to use technology and programs for sustainable improvement of large-scale systems for poultry production.
3. Be able to analyze the specific nutritional challenges of different poultry production Systems.
4. Be able to develop skills for potential of life-cycle analysis (LCA) for designing technological innovations in poultry enterprises.
5. Development of new methods and strategies for monitoring operational performance and techniques to assess environmental impacts associated with all the stages of a production

### ***Class Instructor and Office Hours***

Dr. Mohammad A. Jalal

Office Hours: 09:00 – 13:00 (Monday); 11:30 – 15:00 (Wednesday)

### ***Learning/Teaching methods***

Class lectures, discussions, journal articles, and student presentations on a recent topics poultry production systems and issues relating to it especially in Jordan.

### ***Evaluation and Grading***

Criteria evaluate student performance during the course will include a **midterm and final exams, student presentations, and reports** during the course of the semester.

Grades will be allotted as follows:

**Midterm Exam 30% (Monday 25/4/2022)**

**Student Presentations 20%**

**Reports 10%**

**Final Exam 40%**

**Grading Scale is as follows:**

<b>C</b>	<b>0 - 65</b>
<b>C+</b>	<b>66 - 68</b>
<b>B-</b>	<b>69 - 71</b>
<b>B</b>	<b>72 - 77</b>
<b>B+</b>	<b>78 - 80</b>
<b>A-</b>	<b>81 - 83</b>
<b>A</b>	<b>84 - 100</b>

### **Course Content**

1. Introduction
2. Importance of Integration in the Global Poultry Industry
3. Integration of Poultry Industry in Jordan
4. Student Presentations (Selected Topics/2 per student)
5. End of Term Review