

# THE FEAR BEHAVIOR AND STRESS PHYSIOLOGY IN POULTRY PRODUCTION

|      |   |  |  |
|------|---|--|--|
| 1    | Course Title:   | THE FEAR BEHAVIOR AND STRESS PHYSIOLOGY IN POULTRY PRODUCTION  |  |
| 2    | Course Code:  | ZOO3410PDS   |  |
| 3    | Type of Course:   | Optional   |  |
| 4    | Level of Course:  | First Cycle  |  |
| 5    | Year of Study:  | 3  |  |
| 6    | Semester:   | 6  |  |
| 7    | ECTS Credits Allocated:   | 3.00   |  |
| 8    | Theoretical (hour/week):  | 2.00   |  |
| 9    | Practice (hour/week):   | 0.00   |  |
| 10   | Laboratory (hour/week):   | 0  |  |
| 11   | Prerequisites:  | None   |  |
| 12   | Language:   | Turkish  |  |
| 13   | Mode of Delivery:   | Face to face   |  |
| 14   | Course Coordinator:   | Prof. Dr. AYDIN İPEK   |  |
| 15   | Course Lecturers:   |  |  |
| 16   | Contact information of the Course Coordinator:                            | Bursa Uludağ Üniversitesi Ziraat Fakültesi Zootečni Bölümü<br>Görükle- Bursa<br>aipek@uludag.edu.tr<br>224 2941557 |  |
| 17   | Website:  |  |  |
| 18   | Objective of the Course:  | To give information about the stress physiology and fear behaviour in poultry production.                          |  |
| 19   | Contribution of the Course to Professional Development:                   | To give information about the stress physiology and fear behaviour in poultry production.                          |  |
| 20   | Learning Outcomes:  |  |  |
|      |   | 1  | To gain knowledge about fear and stress physiology in poultry. |
|      |   | 2  | To learn the stress indicators and fear measurement methods.   |
|      |   | 3  | To learn the negative effects of the stress and fear.          |
|      |   | 4  |  |
|      |   | 5  |  |
|      |   | 6  |  |
|      |   | 7  |  |
|      |   | 8  |  |
|      |   | 9  |  |
|      |   | 10   |  |
| 21   | Course Content:   |  |  |
|      |   | <b>Course Content:</b>   |  |
| Week | Theoretical   | Practice   |  |
| 1    | The introducing of course programme and the definition of stress and fear |  |  |
| 2    | The stress in poultry, the classification of stress factors               |  |  |
| 3    | The control and activation of stress                                      |  |  |

|           |  |  |
|-----------|--|--|
| <b>4</b>  | Stress reaction against short or long term stress                    |  |
| <b>5</b>  | Stress indicators and determination methods                          |  |
| <b>6</b>  | The relationship between stress, performance, health and welfare     |  |
| <b>7</b>  | The precautions against stress                                       |  |
| <b>8</b>  | The fear behaviour and causing factors in poultry                    |  |
| <b>9</b>  | The control and physiology and fear in poultry                       |  |
| <b>10</b> | The reactions against fear   |  |
| <b>11</b> | The methods of fear measurements                                     |  |
| <b>12</b> | The effects of fear on performance and welfare in poultry            |  |
| <b>13</b> | The practices for minimising of fear level in poultry                |  |
| <b>14</b> | The assessment of poultry production system for stress and behaviour |  |

| TERM LEARNING ACTIVITIES | NUMBER | WEIGHT |
|--------------------------|--------|--------|
| Midterm Exam             | 1      | 40.00  |

|                           |          |           |             |              |
|---------------------------|----------|-----------|-------------|--------------|
| Theoretical Total         | 2        | 14        | 2.00        | 28.00        |
| Practicals/Labs           |          | 0         | 0.00        | 0.00         |
| Success Grade Preparation |          | 12        | 3.00        | 36.00        |
| Homeworks                 |          | 0         | 0.00        | 0.00         |
| Projects                  |          | 0         | 0.00        | 0.00         |
| Field Studies             |          | 0         | 0.00        | 0.00         |
| Oral exams                |          | 0         | 0.00        | 0.00         |
| Others                    |          | 0         | 0.00        | 0.00         |
| <b>Total</b>              | <b>2</b> | <b>14</b> | <b>2.00</b> | <b>28.00</b> |

| 25  | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |
|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
|     | PQ1   | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
| ÖK1 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1    | 1    | 0    | 0    | 0    |
| ÖK2 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1    | 1    | 0    | 0    | 0    |
| ÖK3 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1    | 1    | 0    | 0    | 0    |

|                            |                   |              |                 |               |                    |
|----------------------------|-------------------|--------------|-----------------|---------------|--------------------|
| <b>Contribution Level:</b> | <b>1 very low</b> | <b>2 low</b> | <b>3 Medium</b> | <b>4 High</b> | <b>5 Very High</b> |
|----------------------------|-------------------|--------------|-----------------|---------------|--------------------|