



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|---|----------------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Fertilization Biology in Horticulture | | | | | | | |
| Course Code | | ZBB616 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 6 | Workload | 150 (<i>Hours</i>) | Theory | 3 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | By introducing flower structures, pollination, fertilization situations, finding solutions about and tranfering theapplication areas. | | | | | | | |
| Course Content | | Fertilization and pollination events in horticulture. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Individual Study | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

| | |
|---|--|
| 1 | Özçağiran, R. Döllenme Biyolojisi ders notları |
|---|--|

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | |
| 2 | Theoretical | |
| 3 | Theoretical | |
| 4 | Theoretical | |
| 5 | Theoretical | |
| 6 | Theoretical | |
| 7 | Theoretical | |
| 8 | Intermediate Exam | |
| 9 | Theoretical | |
| 10 | Theoretical | |
| 11 | Theoretical | |
| 12 | Theoretical | |
| 13 | Theoretical | |
| 14 | Theoretical | |
| 15 | Theoretical | |
| 16 | Final Exam | |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 3 | 3 | 84 |
| Midterm Examination | 1 | 29 | 1 | 30 |
| Final Examination | 1 | 35 | 1 | 36 |
| Total Workload (Hours) | | | | 150 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 6 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

| | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |



5

Programme Outcomes (*Horticulture Doctorate*)

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|---|--|
| 1 | To be able to have scientific value on the targeted area, research planning and conducting practices |
| 2 | To be able to plan, conduct, coordinate, and apply of research |
| 3 | Ability to literature search and record the obtained knowledge systematically |
| 4 | Ability to present research results and discussion |
| 5 | Ability to write a scientific article |
| 6 | Having a status to open-minded for life-long learning |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|----|----|----|----|----|----|
| P1 | 4 | 4 | 5 | 5 | 4 |
| P2 | 4 | 4 | 4 | 5 | 4 |
| P3 | 4 | 4 | 5 | 5 | 5 |
| P4 | 4 | 4 | 4 | 4 | 5 |
| P5 | 4 | 4 | 4 | 4 | 4 |
| P6 | 5 | 5 | 5 | 5 | 5 |

