## Course Syllabus

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|---|---|
| **Code - Course Title** | **FBT613 - Plant Hormones** |
| **Course Type** | I. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **7.5** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Elective Courses |
| **Course Instructor(s)** | DOÇ. DR. İLHAM ERÖZ POYRAZ |

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|---|---|
| **Mode of Delivery** | Face ot face |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Plant Hormones: Description, Chemical Structures, Functions, Formation and effect mechanisms in the plant cell | |
| **Week - 2** | | Plant Growth Hormones: Auxins, Cytokinins, Gibberellins | |
| **Week - 3** | | Tuberonic acid, Ethilen derivatives, Brassinoids, Salicylates | |
| **Week - 4** | | Plant Stunt Hormones: Ethylen, Abscisic Acid, Jasmonates | |
| **Week - 5** | | Senthetic Hormones: Indol butyric acid, Chlormequat chlorur and daminozid (antigibberellin) | |
| **Week - 6** | | Midterm exam | |
| **Week - 7** | | Malaic hydrazide, Phosphon, Paclobutrazol | |
| **Week - 8** | | Hormon Usages: Increasing the yield and yield quality, Advence the resistance to diseases and pests | |
| **Week - 9** | | Hormon Usages: Increasing the yield and yield quality, Advence the resistance to diseases and pests; | |
| **Week - 10** | | Plant Growth Regulators: Usages of Chemicals in Plant Growth | |
| **Week - 11** | | Usages of Chemicals in Plant Growth, Usages of Chemicals in Plant Growth Stunt | |
| **Week - 12** | | Final exam | |

## Sustainable Development Goals

*No content has been provided.*

## Course Theme

*No content has been provided.*

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| Teorik Derse Katılım | 0 | 0 | 0 |
| Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı) | 0 | 0 | 0 |
| Ödevler | 0 | 0 | 0 |
| Proje - Rapor - Sunum Hazırlama | 0 | 0 | 0 |
| Ara Sınav Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Final Sınavı Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.) | 0 | 0 | 0 |
| Staj Uygulaması | 0 | 0 | 0 |
| | | **Calculated ECTS** | **0** |

## Assessment Method and Passing Requirements

*No content has been provided.*