## Course Syllabus

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|---|---|
| **Code - Course Title** | **FBT602 - Phylogenetic Systematic** |
| **Course Type** | II. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **7.5** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | PROF. DR. SEVİM KÜÇÜK |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | General Defination; Taxon Selection | |
| **Week - 2** | | Character Analysis: Defination, Character relation, Homology evaluation | |
| **Week - 3** | | Character weightiness, Matrix of character step | |
| **Week - 4** | | Cladogram Drawing: Apomorphy | |
| **Week - 5** | | Monophly, Analysis of Parsimony | |
| **Week - 6** | | Polytomi, Polymorphic characters, Consensus tree | |
| **Week - 7** | | Maximum likelihood, Analysis of bayesiyan | |
| **Week - 8** | | Measurement of homoplasies | |
| **Week - 9** | | Analysis of Cladogram: Phylogenetic classification, Character evolution, Biogeography and ecology | |
| **Week - 10** | | Ontogenesis and heterocrony; APGIII. | |

## 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 |

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| 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.*