## Course Syllabus

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|---|---|
| **Code - Course Title** | **İST249 - Statistics I** |
| **Course Type** | III. SEMESTER |
| **Laboratory + Practice** | 3+2 |
| **ECTS** | **7.0** |
| **Language of Instruction** | İngilizce |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | PROF. DR. ASLI ASLAN, DR. ÖĞR. ÜYESİ TUĞÇE GÜNDÜZ KÖSEOĞLU |

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| **Mode of Delivery** | The mode of delivery of this course is face to face. |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | No optional programme recommended. |
| **Work Placement** | N/A |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Variables, Values, and Scores | |
| **Week - 2** | | Measurement | |
| **Week - 3** | | Populations and Samples | |
| **Week - 4** | | Distributions of Qualitative and Discrete Quantitative Variables | |
| **Week - 5** | | Distributions of Continuous Variables | |
| **Week - 6** | | Probability and Probability Distributions | |
| **Week - 7** | | Central Tendency | |
| **Week - 8** | | Normal Distributions | |
| **Week - 9** | | The Distribution of Sample Means | |
| **Week - 10** | | The Distribution of Sample Variances | |
| **Week - 11** | | Estimation and Significance Tests | |
| **Week - 12** | | Decisions, Power, Effect Size, and the Hybrid Model | |
| **Week - 13** | | Introduction to SPSS | |
| **Week - 14** | | Introduction to SPSS | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Students will have current, theoretical and applied knowledge in statistics. |
| 2 | Students will use abstract and analytical thinking skills. |

## 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.*