## Course Syllabus

| | |
|---|---|
| **Code - Course Title** | **ARY550 - Research Methods in Education Sciences** |
| **Course Type** | I. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **6.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | PROF. DR. MEHMET GÜLTEKİN |

| | |
|---|---|
| **Mode of Delivery** | This course is conducted face to face. |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | Statistics |
| **Work Placement** | N/A |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Discussing the functions and the basic features of sicence | |
| **Week - 2** | | Explaining scientific method and the basic features of scientific research | |
| **Week - 3** | | Explainig scientific method and the basic features of scientific research; the sorts of scientific research; quantitative, qualitative and mix researches and their features | |
| **Week - 4** | | Discussing relationship of educational science and research | |
| **Week - 5** | | Explaining the process of scientific research in educational science; problem, aim, importance, assumption, limitedness, abbreviations | |
| **Week - 6** | | Eplaining method; research design | |
| **Week - 7** | | Eplaining method; population and sample/participants | |
| **Week - 8** | | Explainig method; data and its compilation | |
| **Week - 9** | | Explaining method; the analysis of data | |
| **Week - 10** | | Explaining results and interpretation | |
| **Week - 11** | | Eplaining conclusion, discussion and recommendations | |
| **Week - 12** | | Explaining the basic qualifications of report preparation in the educational science researches | |
| **Week - 13** | | Explaining basic qualifictions ofquotations, giving reference and generating reference. | |
| **Week - 14** | | Presenting the results of researches | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | recognize functions and basic characteristics of scientific method and science. |
| 2 | explain basic characteristics of scientific method. |
| 3 | recognize specifications of items which is in inner part of scientific researches. |
| 4 | recognize the characteristics of items which is in method part in scientific researches. |
| 5 | explain specifications of data and measurement items in scientific researches. |
| 6 | recognize data collection techniques in scientific research. |
| 7 | explain how summary, judgment, proposal and findings will be presented in scientific research. |

## 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.*

| Assessment Method and Passing Requirements | Quamtity | Percentage (%) |
|---|---|---|
| 1.Midterm Exam | 1 | 30 |
| Final Exam | 1 | 40 |
| Homework | 1 | 30 |
| | **Sum (%)** | **100** |