## Course Syllabus

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| **Code - Course Title** | **ARY512 - Scientific Research and Report Preparation** |
| **Course Type** | I. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **6.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Elective Courses |
| **Course Instructor(s)** | DR. ÖĞR. ÜYESİ ASU ALTUNOĞLU |

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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** | none |
| **Recommended Resources** | Balcı, A. (1997). Sosyal bilimlerde araştırma. Ankara: 2. Basım.Büyüköztürk, Ş. ve diğerleri. (2012). Bilimsel araştırma yöntemleri. Geliştirilmiş 12. basım. Ankara: Pegem yayınevi.Karasar, N. (1996). Bilimsel araştırma yöntemi. 7.basım. Ankara:3A Araştırma Eğitim ve Danış. Ltd. Karasar, N. (1996) Araştırmada rapor hazırlama. 8.basım.Ankara:3A Araştırma Eğitim ve Danış. Ltd. |
| **Work Placement** | N/A |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Introduction to the course | |
| **Week - 2** | | Science, Scientific Method, Stages of Scientific Method | |
| **Week - 3** | | Scientific Attitude and Research Ethics | |
| **Week - 4** | | Research Types and Models | |
| **Week - 5** | | Research Types and Models | |
| **Week - 6** | | Stages of the Research Process | |
| **Week - 7** | | Stages of the Research Process | |
| **Week - 8** | | Citing Sources in Research | |
| **Week - 9** | | Sections and Writing of the Research Report | |
| **Week - 10** | | Sections and Writing of the Research Report | |
| **Week - 11** | | Examination of Scientific Publications | |
| **Week - 12** | | Preparation of Research Proposals | |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| Week - 13 | | Preparation of Research Proposals | |
| Week - 14 | | Evaluation of the Course | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Will be able to examine the concept of science |
| 2 | Will be able to explain the scientific method and the stages of the scientific method |
| 3 | Will be able to have knowledge about scientific attitudes and behaviors |
| 4 | Will be able to explain research types and models |
| 5 | Will be able to explain the stages of the research process |
| 6 | Will be able to apply the methods of quoting and referencing in research |
| 7 | Will be able to explain sections of the research report |
| 8 | Will be able to prepare a research proposal |

## 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.*