## Course Syllabus

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| **Code - Course Title** | **ARK580 - Bioarchaeology of Anatolia** |
| **Course Type** | II. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **6.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Elective Courses |
| **Course Instructor(s)** | PROF. DR. HANDAN ÜSTÜNDAĞ |

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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** | The course named ARK543 Health, Disease and Nutrition in Ancient Societies There is recommended as optional programme component for this course. |
| **Recommended Resources** | Books: Arkeolojide Temel Yöntemler, Ed. Sinan Ünlüsoy, Canan Çakırlar ve Çiler Çilingiroğlu. 2018, İstanbul: Ege Yayınları; People of Anatolia: Past, Current and Future Research in the Biological Anthropology of Türkiye. Editörler Benjamin Irvine, Yılmaz Selim Erdal, Lutgarde Vandeput. 2024, Ankara: British Institute. |
| **Work Placement** | N/A |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Description and content of bioarchaeology, processual approach in archaeology | |
| **Week - 2** | | Historical development and current academic status of bioarchaeology in Türkiye | |
| **Week - 3** | | Definition of subfields of bioarchaeology | |
| **Week - 4** | | Anatolian zooarchaeology I: Examples of zooarchaeological studies on animal bones from the Neolithic and Chalcolithic Periods in Anatolia | |
| **Week - 5** | | Anatolian zooarchaeology II: Examples of zooarchaeological studies on animal bones from the Bronze and Iron Ages in Anatolia | |
| **Week - 6** | | Anatolian archaeobotany I: Case studies on the study of plant remains from the Neolithic and Chalcolithic periods in Anatolia | |
| **Week - 7** | | Mid-term exam | |
| **Week - 8** | | Anatolian archaeobotany II: Case studies on the study of plant remains from the Bronze and Iron Ages in Anatolia | |
| **Week - 9** | | Anatolian human bioarchaeology II: Case studies on the study of human remains from the Neolithic and Chalcolithic periods in Anatolia | |
| **Week - 10** | | Anatolian human bioarchaeology II: Case studies on the study of human remains from the Bronze and Iron Ages in Anatolia | |

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| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| Week - 11 | | Changes in subsistance economy, ecology, nutrition, health, and population structure since the Neolithic Period | |
| Week - 12 | | Advanced Methods: Ancient DNA and isotope analyses. | |
| Week - 13 | | Migration, kinship, burial practices in ancient Anatolian populations | |
| Week - 14 | | Final exam | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Explain the historical development and current academic status of bioarchaeology in Türkiye. |
| 2 | Defines the content and methods of subfields of bioarchaeology |
| 3 | Compares the Neolithic, Chalcolithic, Bronze and Iron ages of Anatolia from a bioarchaeological perspective. |
| 4 | Discusses the use of advanced methods such as ancient DNA and isotope analysis |

## 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.*