## Course Syllabus

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| **Code - Course Title** | **SAĞ107U -** |
| **Course Type** | VII. SEMESTER |
| **Laboratory + Practice** | 0+0 |
| **ECTS** | **5.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Elective Courses |
| **Course Instructor(s)** | PROF. DR. GÖKHAN KUŞ |

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| **Mode of Delivery** | Distance Education |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | There is no recommended optional programme component for this course. |
| **Work Placement** | Not Applicable |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Introduction to Physiology | |
| **Week - 2** | | Motion System | |
| **Week - 3** | | Nervous System Physiology | |
| **Week - 4** | | Circulatory System Physiology | |
| **Week - 5** | | Blood Physiology | |
| **Week - 6** | | Blood Physiology | |
| **Week - 7** | | Midterm | |
| **Week - 8** | | Digestive system Physiology | |
| **Week - 9** | | Respiratory system Physiology | |
| **Week - 10** | | Excretory System Physiology | |
| **Week - 11** | | Hormonal and Reproductive System Physiology | |
| **Week - 12** | | Hormonal and Reproductive System Physiology | |
| **Week - 13** | | General evaluation of systems | |
| **Week - 14** | | End of term exam | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | To be able to explain the concept of homeostasis |
| 2 | To be able to explain the basic structures that make up the cell and their functions. |
| 3 | Explain the importance of substance transport |
| 4 | Bone tissue structure, types and explain their duties |
| 5 | To be able to describe the electrical properties of the cell membrane and explain its formation. |
| 6 | Muscle structure, types and functions able to explain |
| 7 | Explain the importance of the nervous system and the elements that make up the nervous system. |
| 8 | To be able to count the parts of the brain and spinal cord that make up the central nervous system and to explain their functions. |
| 9 | Explain the integration of nerve functions. |
| 10 | To be able to explain the structure and working principle of the heart |
| 11 | Explain the structure and importance of blood. |
| 12 | To be able to count the body structures that make up the digestive system and to explain their functions. |
| 13 | Explain the chemical digestion and absorption of foods. |
| 14 | To be able to count the body structures that make up the respiratory system and to explain their functions. |
| 15 | Explain the regulation of breathing |
| 16 | To be able to count the body structures that make up the excretory system and to explain their functions. |
| 17 | Explain the regulation of tubule functions. |
| 18 | Explain the structure and functions of hormones. |
| 19 | To be able to explain the regulation of reproductive functions |

## 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 |

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| 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 | 70 |
| | **Sum (%)** | **100** |