## **GAZI UNIVERSITY FACULTY OF MEDICINE**

### YEAR 2

### 2025-2026 EDUCATIONAL YEAR

# RESPIRATORY AND CARDIOVASCULAR SYSTEMS COMMITTEE

(03 November 2025-2 June 2026)

| COURSES                           | THEORETICAL | LABORATORY | PRACTICAL | TOTAL |
|-----------------------------------|-------------|------------|-----------|-------|
| Anatomy                           | 23          | 2x6        |           | 35    |
| Physiology                        | 47          | 2x4        |           | 55    |
| Histology and Embryology          | 24          | 2x6        |           | 36    |
| Biophysics                        | 12          |            |           | 12    |
| Immunology                        | 20          |            |           | 20    |
| Medical Education and Informatics | 5           |            |           | 5     |
| TOTAL                             | 131         | 32         |           | 163   |
| Elective Courses                  | 18          |            |           |       |
| Medical English                   | 18          |            |           |       |
| INTRODUCTION TO MEDICINE          |             |            |           |       |
| Clinical Skills Education (CSE)   |             |            | 2x2       | 4     |
| Communication Skills (CS)         |             |            | 8         | 8     |
| TOTAL                             | 167         | 32         | 12        | 211   |
| TOTAL FREE STUDY TIME             | 101 Hours   |            |           |       |

## 43 Work Days

| 26.12.2025 | Friday  | Year 2 Applied Exam     |
|------------|---------|-------------------------|
| 29.12.2025 | Monday  | Year 2 Applied Exam     |
| 30.12.2025 | Tuesday | Year 2 Applied Exam     |
| 02.01.2026 | Friday  | Year 2 Theoretical Exam |

| Dean                             | Prof.Dr. Alper CEYLAN                |
|----------------------------------|--------------------------------------|
| Vice Dean                        | Assoc. Prof. Dr. Nazmi Mutlu KARAKAŞ |
| Vice Dean                        | Prof. Dr. Asiye UĞRAŞ DİKMEN         |
| Head Coordinator                 | Prof.Dr. Çiğdem ÖZER                 |
| Assistant Head Coordinator       | Prof.Dr. Akif Muhtar ÖZTÜRK          |
| Assistant Head Coordinator (ENG) | Prof.Dr. Mehmet Ali ERGÜN            |
| Year 2 Coordinator               | Prof. Dr. C. Merve SEYMEN            |
| Assistant Year 2 Coordinator     | Teach. Assist. Dr. Nihan ÖRÜKLÜ      |
| Assistant Year 2 Coordinator     | Teach. Assist. Dr. Ayşe SOYLU        |
| Assistant Year 2 Coordinator     | Teach. Assist. Dr. Betül MOĞULKOÇ    |
| Assistant Year 2 Coordinator     | Teach. Assist. Dr. Onur ARAS         |

### **MEMBERS OF COMMITTEE**

| ANATOMY                   | HISTOLOGY<br>AND<br>EMBRYLOGY | PHYSIOLOGY            | BIOPHYSICS                | IMMUNOLOGY                | MEDICAL<br>EDUCATION AND<br>INFORMATCS |
|---------------------------|-------------------------------|-----------------------|---------------------------|---------------------------|--|
| Dr. Meltem<br>BAHÇELİOĞLU | Dr.Çiğdem ELMAS               | Dr. Şevin GÜNEY       | Dr. Bahriye SIRAV<br>ARAL | Dr. Vedat BULUT           | Dr. Burcu KÜÇÜK<br>BIÇER               |
| Dr. Kerem ATALAR          | Dr. Cemile Merve<br>SEYMEN    | Dr. Meltem<br>SEVGİLİ |                           | Dr. Ayşegül ATAK<br>YÜCEL |  |
|                           | Dr. Zeynep YIĞMAN             | Dr. Pelin TÜRKKAN     |                           | Dr. E. Ümit<br>BAĞRIAÇIK  |  |
|                           | Dr. S. Esra<br>ÖZKOÇER        |                       |                           | Dr. Resul KARAKUŞ         |  |
|                           |                               |                       |                           |                           |  |

| ANATOMY LABORATORY     | HISTOLOGY & EMBRYLOGY      | PHYSIOLOGY LABORATORY |
|------------------------|----------------------------|-----------------------|
| Dr. Meltem BAHÇELİOĞLU | Dr. Gülnur TAKE KAPLANOĞLU | Dr. Şevin GÜNEY       |
| Dr. Kerem ATALAR       | Dr. Çiğdem ELMAS           | Dr. A. Meltem SEVGİLİ |
| Dr. Ayşe SOYLU         | Dr. Cemile Merve SEYMEN    | Dr. Pelin TÜRKKAN     |
| Dr. Onur ARAS          | Dr. Zeynep YIĞMAN          |                       |
| Dr. Aynur ÇOBAN        | Dr. S. Esra ÖZKOÇER        |                       |

| Communication Skills Coordinator      | Prof. Dr. Bülent BOYACI        |
|---------------------------------------|--------------------------------|
| Elective Course Coordinator           | Assoc. Prof. Dr. Ergin DİLEKÖZ |
| Clinical Skills Education Coordinator | Prof. Dr. Nurten İNAN          |

#### RESPIRATORY AND CIRCULATORY SYSTEMS COMMITTEE

#### Aim

Be able to evaluate the embryonic development, anomalies, anatomical, histological and physiological properties of blood, circulation, fetal circulation, lymphatic circulation and respiratory systems by associating them with biophysical laws.

#### **LEARNING OUTCOMES**

#### **Knowledge Based**

**LO-200-2-1** to be able to describe the anatomical, histological and embriyological structure of the heart, explain its functional properties

**LO-200-2-2** to be able to say the contraction mechanisms of the heart muscle and may understand the regulation of heart functioning

LO-200-2-3 to be able to explain the ECG

LO-200-2-4 can describe the anomalies and malformations of the cardiovascular system

LO-200-2-5 to explain the anatomical, histological and functional properties of the structures forming the cardiovascular system

**LO-200-2-6** to explain the flow of blood, blood pressure and regulation mechanisms, connection with related physics laws

LO-200-2-7 to describe fetal, pulmonary and coronary circulation

LO-200-2-8 to define the lymphoreticular system

**LO-200-2-9** To be able to define the anatomical, histological and embryological structure of the respiratory system and explain its functional properties

LO-200-2-10 Describe the properties and functions of structures spesific to respiratory system

LO-200-2-11 Describe the properties and functions of blood and cells

LO-200-2-12 Explain the functions of immune system organs, cells, MHC molecules, T and B cells

LO-200-2-13 To be able to interpret the types of respiratory and respiratory pathologies

### **Application Based (practical skills)**

LO-200-2-14 to be able to use basic communication skill

LO-200-2-15 to demonstrate the ability to establish vascular access

**LO-200-2-16** To be able to show the differences between the structures of cardiovascular system and the respiratory system under the microscope

LO-200-2-17 to demostrate Hb, Htc, sedimentation, blood group studies

LO-200-2-18 to be able to show the heart's arousal systems LO-200-2-19 to determine CO2 in breathing air, analyze

NO LO-200-2-20 to apply respiratory function tests

LO-200-2-21 to be able to take and interpret ECG

#### Skills Based (intellectual and transferable skills)

LO-200-2-22 to be aware of working with a living organ or subject.

LO-200-2-23 to recognize the responsibility to behave in a way that does not cause damage during operations

LO-200-2-24 to be aware of cadaver and microscope studies

| 1 <sup>th</sup> WEEK | 03.11.2025<br>Monday   | 04.11.2025<br>Tuesday                            | 05.11.2025<br>Wednesday  | 06.11.2025<br>Thursday                              | 07.11.2025<br>Friday<br>(3 <sup>rd</sup> YEAR-EXAM) |
|----------------------|--|--|--|---|---|
| 08:30-09:20          | Free Study Time  | Anatomy Of The<br>Heart<br><b>Dr.BAHÇELIOĞLU</b> | Circulatory System Histology Dr. ÖZKOÇER   | Blood<br>Dr.ÖZKOÇER                                 | Free Study Time                                     |
| 09:30-10:20          | Thoracic Wall, Anatomy Of The Heart  Dr.BAHÇELIOĞLU                                | Anatomy Of The<br>Heart<br><b>Dr.BAHÇELIOĞLU</b> | Mediastinum  Dr.BAHÇELİOĞLU  | Blood<br><b>Dr.ÖZKOÇER</b>                          | Free Study Time                                     |
| 10:30-11:20          | Thoracic Wall, Anatomy Of The Heart  Dr.BAHÇELIOĞLU                                | Circulatory System Histology Dr. ÖZKOÇER         | Fetal Circulation  Dr.BAHÇELİOĞLU  | Lymphocytes  Dr. KARAKUŞ                            | Free Study Time                                     |
| 11:30-12:20          | Basic Principles Of Cardiac Electrophysiology And Myocardial Contraction Dr. GÜNEY | Circulatory System<br>Histology<br>Dr. ÖZKOÇER   | Basic Principles Of Cardiac Electrophysiology And Myocardial Contraction Dr. GÜNEY | Lymphocytes  Dr. KARAKUŞ                            | Free Study Time                                     |
| 13:30-14:20          | Basic Principles Of Cardiac Electrophysiology And Myocardial Contraction Dr. GÜNEY | Medical English                                  | Heart Valves And Heart Sounds Dr.GÜNEY   | Vessels Of The<br>Head And Neck<br><b>Dr.ATALAR</b> | Hematopoiesis  Dr. ÖZKOÇER                          |
| 14:30-15:20          | Electronic Health<br>Records And<br>Standards<br>Dr. KÜÇÜK BİÇER                   | Medical English                                  | Free Study Time  | Vessels Of The<br>Head And Neck<br><b>Dr.ATALAR</b> | Hematopoiesis  Dr. ÖZKOÇER                          |
| 15:30-16:20          | Free Study Time  | Elective Courses                                 | Free Study Time  | Vessels Of The<br>Head And Neck<br>Dr.ATALAR        | The Cardiac Cycle And Pressure Changes DR. GÜNEY    |
| 16:30-17:20          | Free Study Time  | Elective Courses                                 | Free Study Time  | Free Study Time                                     | The Cardiac Cycle And Pressure Changes DR. GÜNEY    |

| 2 <sup>nd</sup> WEEK | 10.11.2025<br>Monday   | 11.11.2025<br>Tuesday                     | 12.11.2025<br>Wednesday   | 13.11.2025<br>Thursday   | 14.11.2025<br>Friday   |
|----------------------|--|---|---|--|--|
| 08:30-09:20          | Cells Of Lymphoid<br>Tissue<br>Dr. ÖZKOÇER                       | CSE                                       | Lymphatic System  Dr.BAHÇELIOĞLU  | Free Study Time (English Midterm Exam)   | Regulation Of<br>Hematopoiesis<br><b>Dr.TÜRKKAN</b>  |
| 09:30-10:20          | Cells Of Lymphoid<br>Tissue<br>Dr. ÖZKOÇER                       | CSE                                       | Lymphatic System  Dr.BAHÇELIOĞLU  | Free Study Time (English Midterm Exam)   | Regulation Of<br>Hematopoiesis<br>Dr.TÜRKKAN   |
| 10:30-11:20          | Forces On Active Erythrocytes: Stoke's Law  Dr. SIRAV ARAL       | CSE<br>(Turkish Language<br>Midterm Exam) | Lymphatic System  Dr.BAHÇELIOĞLU  | Free Study Time (English Midterm Exam)   | Pressure In Circulation<br>System:Bernoulli Law,<br>Velocity And Flow In<br>Internal Frictional<br>Flowing:Poiseulli Law<br>Dr. SIRAV ARAL |
| 11:30-12:20          | Forces On Active Erythrocytes:  Dr. SIRAV ARAL                   | CSE<br>(Turkish Language<br>Midterm Exam) | Regulation Of Heart<br>Functions<br><b>Dr.GÜNEY</b>                         | Free Study Time (English Midterm Exam)   | Pressure In Circulation System:Bernoulli Law, Velocity And Flow In Internal Frictional Flowing:Poiseulli Law  Dr. SIRAV ARAL               |
| 13:30-14:20          | Functions Of Blood, Physical And Chemical Properties Dr. TÜRKKAN | Medical<br>English                        | Free Study Time  (Ataturk's Principles and Revolution History Midterm Exam) | Anatomy Lab (1) (Group A-B) Histology Lab (1) (Group C-D) (English Midterm Exam) | Tonsil And Lymph<br>Node<br><b>Dr.ÖZKOÇER</b>  |
| 14:30-15:20          | Functions Of Blood, Physical And Chemical Properties Dr. TÜRKKAN | Medical<br>English                        | Free Study Time  (Ataturk's Principles and Revolution History Midterm Exam) | Anatomy Lab (1) (Group A-B) Histology Lab (1) (Group C-D)                        | Tonsil And Lymph<br>Node<br><b>Dr.ÖZKOÇER</b>  |
| 15:30-16:20          | Free Study Time  | Elective<br>Courses                       | Regulation Of Heart<br>Functions<br><b>Dr.GÜNEY</b>                         | Anatomy Lab (1) (Group C-D) Histology Lab (1) (Group A-B) (English Midterm Exam) | Free Study Time  |
| 16:30-17:20          | Free Study Time  | Elective<br>Courses                       | Free Study Time   | Anatomy Lab (1) (Group C-D) Histology Lab (1) (Group A-B) (English Midterm Exam) | Free Study Time  |

| 3 <sup>rd</sup> WEEK | 17.11.2025<br>Monday  | 18.11.2025<br>Tuesday   | 19.11.2025<br>Wednesday  | 20.11.2025<br>Thursday   | 21.11.2025<br>Friday                  |
|----------------------|---|---|--|--|---------------------------------------|
|                      | Wioliday  | iuesudy   | vveunesday   | inuisuay   | Filuay                                |
| 08:30-09:20          | Functions Of<br>Erythrocytes<br>Dr.TÜRKKAN                    | Destruction Of Erythrocytes: Anemia- Polistemia Dr.TÜRKKAN                      | Circulatory System Embryology  Dr. ÖZKOÇER                           | Anatomy Lab (2)<br>(Group C-D)<br>Physiology Lab<br>(1)<br>(Group A)   | Physiology Lab (1)<br>(Group B)       |
| 09:30-10:20          | Functions Of<br>Erythrocytes<br>Dr.TÜRKKAN                    | Blood Groups,<br>Transfusion,<br>Determination Of<br>Blood Volume<br>Dr.TÜRKKAN | Circulatory System Embryology  Dr. ÖZKOÇER                           | Anatomy Lab (2)<br>(Group C-D)<br>Physiology Lab<br>(1)<br>(Group A)   | Physiology Lab (1)<br>(Group B)       |
| 10:30-11:20          | Circulatory System Embryology Dr. ÖZKOÇER                     | Lymphocyte<br>Subgroups<br>Dr.KARAKUŞ   | Circulatory System Embryology  Dr. ÖZKOÇER                           | Anatomy Lab (2)<br>(Group A-B)<br>Physiology Lab<br>(1)<br>(Group C)   | Physiology Lab (1)<br>(Group D)       |
| 11:30-12:20          | Circulatory System Embryology  Dr. ÖZKOÇER                    | Lymphocyte<br>Subgroups<br>Dr.KARAKUŞ   | Cells Other Than Lymphocytes Involved In Immune Response Dr. KARAKUŞ | Anatomy Lab (2)<br>(Group A-B)<br>Physiology Lab<br>(1)<br>(Group C)   | Physiology Lab (1)<br>(Group D)       |
| 13:30-14:20          | Spleen And Thymus  Dr. YIĞMAN                                 | Medical English   | Phagocytosis  Dr. TÜRKKAN  | Training, Changes In Pressure-Velocity And Kinetic Energy Due To Pathological Cont Of Arteries  Dr. SIRAV ARAL | Nose Anatomy  Dr. ATALAR              |
| 14:30-15:20          | Spleen And Thymus  Dr. YIĞMAN                                 | Medical English   | Platelet Functions  Dr. TÜRKKAN                                      | Training, Changes In Pressure-Velocity And Kinetic Energy Due To Pathological Cont Of Arteries  Dr. SIRAV ARAL | Nose Anatomy  Dr. ATALAR              |
| 15:30-16:20          | Mobile Health-<br>Wearable<br>Technologies<br>Dr. KÜÇÜK BİÇER | Elective Courses  | Immune System<br>Organs<br>Dr. BAĞRIAÇIK                             | Free Study Time  | Leucocyte<br>Functions<br>Dr. TÜRKKAN |
| 16:30-17:20          | Telehealth –E-<br>Health<br>Dr.KÜÇÜK<br>BİÇER                 | Elective Courses  | Free Study Time  | Free Study Time  | Leucocyte<br>Functions<br>Dr. TÜRKKAN |

| 4 <sup>th</sup> WEEK | 24.11.2025  | 25.11.2025   | 26.11.2025  | 27.11.2025  | 28.11.2025   |
|----------------------|---|--|---|---|--|
| 4" WEEK              | Monday  | Tuesday  | Wednesday   | Thursday  | Friday   |
| 08:30-09:20          | Mechanism Of<br>Coagulation<br>Dr. TÜRKKAN                          | ECG<br><b>Dr.GÜNEY</b>   | ECG<br>Dr. GÜNEY                                    | Medical Imaging Techniques And Applications Dr. KÜÇÜK BİÇER   | Free Study Time  |
| 09:30-10:20          | Mechanism Of<br>Coagulation<br>Dr. TÜRKKAN                          | Antigen Processing And Presentation  Dr. BULUT                       | ECG<br><b>Dr.GÜNEY</b>                              | Security, Ethics And Privacy In Health Informatics: Distributed Ledger Technologies Dr. KÜÇÜK BİÇER | The Factors Affecting Blood Pressure  Dr. SEVGILI      |
| 10:30-11:20          | MHC Molecules: Structure And Function  Dr. BULUT                    | Functional<br>Organization Of<br>Blood Vessels<br><b>Dr. SEVGİLİ</b> | Conducting Portion Of Respiratory System  Dr. ELMAS | Principles Of<br>Hemodynamics<br><b>Dr. SEVGİLİ</b>   | The Factors Affecting Blood Pressure  Dr. SEVGILI      |
| 11:30-12:20          | MHC Molecules: Structure And Function  Dr. BULUT                    | Functional<br>Organization Of<br>Blood Vessels<br><b>Dr. SEVGİLİ</b> | Conducting Portion Of Respiratory System  Dr. ELMAS | Principles Of<br>Hemodynamics<br><b>Dr. SEVGİLİ</b>   | Adhesion Molecules Structure And Function Dr.BAĞRIAÇIK |
| 13:30-14:20          | Physiology Lab (2)<br>(Group C)<br>Histology Lab (2)<br>(Group A-B) | Medical English  | CS-1  | T And B Cells<br>Repertoir<br>Mechanisms<br>Dr. BAĞRIAÇIK   | Physiology Lab<br>(2)<br>(Group D)                     |
| 14:30-15:20          | Physiology Lab (2)<br>(Group C)<br>Histology Lab (2)<br>(Group A-B) | Medical English  | CS-1  | T And B Cells<br>Repertoir<br>Mechanisms<br>Dr. BAĞRIAÇIK   | Physiology Lab<br>(2)<br>(Group D)                     |
| 15:30-16:20          | Physiology Lab (2)<br>(Group A)<br>Histology Lab (2)<br>(Group C-D) | Elective Courses   | Free Study Time                                     | Free Study Time   | Physiology Lab<br>(2)<br>(Group B)                     |
| 16:30-17:20          | Physiology Lab (2)<br>(Group A)<br>Histology Lab (2)<br>(Group C-D) | Elective Courses   | Free Study Time                                     | Free Study Time   | Physiology Lab<br>(2)<br>(Group B)                     |

|                      | 01.12.2025                       | 02.12.2025                       | 03.12.2025  | 04.12.2025                      | 05.12.2025      |
|----------------------|----------------------------------|----------------------------------|---|---------------------------------|-----------------|
| 5 <sup>th</sup> WEEK |                                  |                                  |   |                                 |                 |
|                      | Monday                           | Tuesday                          | Wednesday   | Thursday                        | Friday          |
|                      |                                  |                                  |   |                                 | (1st YEAR-EXAM) |
| 08:30-09:20          | Larynx                           | Anatomy Lab (3)<br>(Group A-B)   | Anatomy Lab (4)<br>(Group A-B)                            | Physiology Lab (3)              | CSE             |
| 00.00 00.20          | Dr.BAHÇELİOĞLU                   | Histology Lab (3)<br>(Group C-D) | Histology Lab (4)<br>(Group C-D)                          | (Group C)                       | 332             |
| 09:30-10:20          | Larynx                           | Anatomy Lab (3)<br>(Group A-B)   | Anatomy Lab (4)<br>(Group A-B)                            | Physiology Lab (3)              | CSE             |
| 09.30-10.20          | Dr.BAHÇELIOĞLU                   | Histology Lab (3)<br>(Group C-D) | Histology Lab (4)<br>(Group C-D)                          | (Group C)                       | USE             |
| 10:30-11:20          | Fetal And<br>Pulmonary           | Anatomy Lab (3)<br>(Group C-D)   | Anatomy Lab (4)<br>(Group C-D)                            | Physiology Lab (3)              | CSE             |
| 10.50-11.20          | Circulation  Dr. SEVGİLİ         | Histology Lab (3)<br>(Group A-B) | Histology Lab (4)<br>(Group A-B)                          | (Group D)                       | JOE             |
| 11:30-12:20          | Fetal And Pulmoary<br>Circulaton | Anatomy Lab (3)<br>(Group C-D)   | Anatomy Lab (4)<br>(Group C-D)                            | Physiology Lab (3)              | CSE             |
|                      | Dr. SEVGİLİ                      | Histology Lab (3)<br>(Group A-B) | Histology Lab (4)<br>(Group A-B)                          | (Group D)                       | 502             |
| 13:30-14:20          | Free Study Time                  | Medical English                  | CS-2  | Physiology Lab (3)<br>(Group B) | Free Study Time |
| 14:30-15:20          | Free Study Time                  | Medical English                  | CS-2  | Physiology Lab (3)<br>(Group B) | Free Study Time |
| 15:30-16:20          | Free Study Time                  | Elective Courses                 | Laplace Law And Autoregulation Of Pressure Dr. SIRAV ARAL | Physiology Lab (3)<br>(Group A) | Free Study Time |
| 16:30-17:20          | Free Study Time                  | Elective Courses                 | Laplace Law And Autoregulation Of Pressure Dr. SIRAV ARAL | Physiology Lab (3)<br>(Group A) | Free Study Time |

| 6 <sup>th</sup> WEEK        | 08.12.2025<br>Monday                                 | 09.12.2025<br>Tuesday                     | 10.12.2025<br>Wednesday                       | 11.12.2025<br>Thursday                               | 12.12.2025<br>Friday   |
|-----------------------------|--|---|---|--|--|
| 08:30-09:20                 | Free Study Time                                      | Respiratory Portion Of Respiratory System | Clinical And<br>Radiographic<br>Anatomy       | Clinical And<br>Radiographic<br>Anatomy              | Diffusion Of<br>Gases Through<br>The Respiratory<br>Membrane                               |
|                             |  | Dr. ELMAS                                 | Dr.BAHÇELIOĞLU                                | Dr.BAHÇELIOĞLU                                       | Dr. TÜRKKAN  |
| 09:30-10:20                 | CS-3<br>(Movie)                                      | Respiratory Portion Of Respiratory System | Clinical And<br>Radiographic<br>Anatomy       | Clinical And<br>Radiographic<br>Anatomy              | Hb-O2 Binding<br>And Dissociation<br>Curve   |
|                             |  | Dr. ELMAS                                 | Dr.BAHÇELIOĞLU                                | Dr.BAHÇELIOĞLU                                       | Dr. TÜRKKAN  |
| 10:30-11:20                 | CS-3   | Autoregulation And<br>Capillary Dynamics  | Coronary<br>Circulation                       | Clinical And<br>Radiographic<br>Anatomy              | Complement<br>System   |
|                             | (Movie)  | Dr. SEVGILI                               | Dr. SEVGILI                                   | Dr.BAHÇELIOĞLU                                       | Dr. BAĞRIAÇIK  |
| 11:30-12:20                 | Trachea, Lungs And Diaphragm                         | Autoregulation And<br>Capillary Dynamics  | The Functions Of<br>The Respiratory<br>System | Mechanics Of<br>Breathing And<br>Physical Principles | Complement<br>System   |
|                             | Dr. ATALAR   | Dr. SEVGİLİ                               | Dr. TÜRKKAN                                   | Dr. TÜRKKAN  | Dr. BAĞRIAÇIK  |
| 13:30-14:20                 | Trachea, Lungs<br>And Diaphragm<br><b>Dr. ATALAR</b> | Medical English                           | Free Study Time                               | Mechanics Of<br>Breathing And<br>Physical Principles | Circulatory Shock And<br>Physiological<br>Mechanisms In Some<br>Cardiovascular<br>Diseases |
|                             | DI. AIALAN   |   |   | Dr. TÜRKKAN  | Dr. GÜNEY  |
| 14:30-15:20                 | Free Study Time                                      | Medical English                           | Free Study Time                               | Cytokines  | Circulatory Shock And Physiological Mechanisms In Some Cardiovascular Diseases             |
|                             |  |   |   | Dr. ATAK YÜCEL                                       | Dr. GÜNEY  |
| 15:30-16:20                 | Fron Study Time                                      | Floctive Courses                          | Eroo Study Time                               | Cytokines  | Chemokines And<br>Their Receptors  |
| 15:30-16:20 Free Study Time | Elective Courses                                     | Free Study Time                           | Dr. ATAK YÜCEL                                | Dr. ATAK<br>YÜCEL                                    |  |
| 16:30-17:20                 | Free Study Time                                      | Elective Courses                          | Free Study Time                               | Free Study Time                                      | Free Study Time  |

| 7 <sup>th</sup> WEEK | 15.12.2025<br>Monday<br>(3 <sup>rd</sup> YEAR-EXAM)   | 16.12.2025<br>Tuesday   | 17.12.2025<br>Wednesday  | 18.12.2025<br>Thursday                 | 19.12.2025<br>Friday              |
|----------------------|---|---|--|--|-----------------------------------|
| 08:30-09:20          | Free Study Time   | Anatomy Lab (5)<br>(Group C-D)<br>Histology Lab (5)<br>(Group A-B)                          | Free Study Time  | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group A) |
| 09:30-10:20          | Free Study Time   | Anatomy Lab (5)<br>(Group C-D)<br>Histology Lab (5)<br>(Group A-B)                          | Free Study Time  | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group A) |
| 10:30-11:20          | Free Study Time   | Anatomy Lab (5) (Group A-B)  Histology Lab (5) (Group C-D) (Turkish Language Make-Up Exam)  | O2, Co2 Transport<br>By The Blood<br><b>Dr. TÜRKKAN</b>                      | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group B) |
| 11:30-12:20          | Free Study Time   | Anatomy Lab (5) (Group A-B)  Histology Lab (5) (Group C-D)  (Turkish Language Make-Up Exam) | Respiration At Different Atmospheric Pressures Dr. TÜRKKAN                   | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group B) |
| 13:30-14:20          | Respiration System And Its Dynamic Properties, Gas Laws Related With Respiration, Application Of Poiseulle And Laplace Laws In Respiratory System  Dr. SIRAV ARAL | Medical English   | CS-4 (Atatürk's Principles and Revolutionary History Make-<br>Up Exam)       | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group C) |
| 14:30-15:20          | Resp. System And Its Dynamic Properties. Gas Laws Related With Respiration, Application Of Poiseulle And Laplace Laws In Respiratory System Dr. SIRAV ARAL        | Medical English   | CS-4<br>(Atatürk's Principles and<br>Revolutionary History Make-<br>Up Exam) | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group C) |
| 15:30-16:20          | Free Study Time   | Elective Courses  | Free Study Time  | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group D) |
| 16:30-17:20          | Free Study Time   | Elective Courses  | Free Study Time  | Free Study Time (English Make-Up Exam) | Physiology La<br>(4)<br>(Group D) |

| 8 <sup>th</sup> WEEK | 22.12.2025  | 23.12.202  | 24.12.2025      | 25.12.2025                                     | 26.12.2025             |
|----------------------|---|--|-----------------|--|------------------------|
|                      | Monday  | Tuesday  | Wednesday       | Thursday                                       | Friday                 |
| 08:30-09:20          | Free Study Time   | Anatomy Lab (6)<br>(Group A-B)<br>Histology Lab (6)<br>(Group C-D) | Free Study Time | Free Study Time                                | YEAR 2<br>APPLIED EXAM |
| 09:30-10:20          | Free Study Time   | Anatomy Lab (6)<br>(Group A-B)<br>Histology Lab (6)<br>(Group C-D) | Free Study Time | Respiratory System Embryology Dr. SEYMEN       | YEAR 2<br>APPLIED EXAM |
| 10:30-11:20          | Surface Tension and Alveolus Mechanics Compliance in Lung and Breast Dr. SIRAV ARAL | Anatomy Lab (6)<br>(Group C-D)<br>Histology Lab (6)<br>(Group A-B) | Free Study Time | Respiratory System<br>Embryology<br>Dr. SEYMEN | YEAR 2<br>APPLIED EXAM |
| 11:30-12:20          | Surface Tension and Alveolus Mechanics Compliance in Lung and Breast Dr. SIRAV ARAL | Anatomy Lab (6)<br>(Group C-D)<br>Histology Lab (6)<br>(Group A-B) | Free Study Time | Respiratory System<br>Embryology<br>Dr. SEYMEN | YEAR 2<br>APPLIED EXAM |
| 13:30-14:20          | Regulation of<br>Respiration<br>Dr. TÜRKKAN   | Medical English  | Free Study Time | Physiology Lab<br>(Make Up)                    | YEAR 2<br>APPLIED EXAM |
| 14:30-15:20          | Regulation of<br>Respiration<br>Dr. TÜRKKAN   | Medical English  | Free Study Time | Physiology Lab<br>(Make Up)                    | YEAR 2<br>APPLIED EXAM |
| 15:30-16:20          | Cellular And Humoral Immune Response  Dr. KARAKUŞ                                   | Elective Courses   | Free Study Time | Physiology Lab<br>(Make Up)                    | YEAR 2<br>APPLIED EXAM |
| 16:30-17:20          | Cellular And<br>Humoral Immune<br>Response  | Elective Courses   | Free Study Time | Physiology Lab<br>(Make Up)                    | YEAR 2<br>APPLIED EXAM |
|                      | Dr. KARAKUŞ   |  |                 |  |                        |

| 9 <sup>th</sup> WEEK | 29.12.2025<br>Monday   | 30.12.2025<br>Tuesday  | 31.12.2025<br>Wednesday | 01.01.2026<br>Thursday | 02.01.2026<br>Friday |
|----------------------|------------------------|------------------------|-------------------------|------------------------|----------------------|
| 08:30-09:20          | YEAR 2 APPLIED<br>EXAM | YEAR 2 APPLIED<br>EXAM | Free Study Time         | PUBLIC HOLIDAY         | THEORETICAL<br>EXAM  |
| 09:30-10:20          | YEAR 2 APPLIED<br>EXAM | YEAR 2 APPLIED<br>EXAM | Free Study Time         | PUBLIC HOLIDAY         | THEORETICAL<br>EXAM  |
| 10:30-11:20          | YEAR 2 APPLIED<br>EXAM | YEAR 2 APPLIED<br>EXAM | Free Study Time         | PUBLIC HOLIDAY         | THEORETICAL<br>EXAM  |
| 11:30-12:20          | YEAR 2 APPLIED EXAM    | YEAR 2 APPLIED<br>EXAM | Free Study Time         | PUBLIC HOLIDAY         | THEORETICAL<br>EXAM  |
| 13:30-14:20          | YEAR 2 APPLIED EXAM    | Medical English        | PUBLIC HOLIDAY          | PUBLIC HOLIDAY         | Free Study Time      |
| 14:30-15:20          | YEAR 2 APPLIED EXAM    | Medical English        | PUBLIC HOLIDAY          | PUBLIC HOLIDAY         | Free Study Time      |
| 15:30-16:20          | YEAR 2 APPLIED EXAM    | Elective Courses       | PUBLIC HOLIDAY          | PUBLIC HOLIDAY         | Free Study Time      |
| 16:30-17:20          | YEAR 2 APPLIED EXAM    | Elective Courses       | PUBLIC HOLIDAY          | PUBLIC HOLIDAY         | Free Study Time      |