

GAU MEDICAL FACULTY
2022-2023 ACADEMIC YEAR
PHASE I – COMMITTEE II (BASIC MEDICAL SCIENCES I)
26 DECEMBER 2022 – 10 FEBRUARY 2023

No	Course	Theoretical	Practical	Total	Academic Staff
1	Medical Biology	40	4	44	Prof. Serpil Ünyayar
2	Medical Biochemistry	17	3	20	Asst. Prof. Emrah Çolak Dr. Mete Özkoç
3	Medical Physics	22	0	22	Asst. Prof. Hilmi Yanar
4	Biostatistics and Medical Informatics	10	6	16	Assoc. Prof. Ayşe Ülgen
5	Introduction to Clinical Practice	6	10	16	Prof. Elçin Yoldaşcan
6	Traditional, Complementary and Integrative Medicine	12	-	12	Asst. Prof. Saltuk Aytaçoğlu
	Total	107	23	130	
	MED113 Turkish for Medical Students I	24	0	24	Lecturer Gamze Koç

	26.12.2022 Monday	27.12.2022 Tuesday	28.12.2022 Wednesday	29.12.2022 Thursday	30.12.2022 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)	Medical Biology (Prof. Serpil Ünyayar) <i>DNA isolation (Lab) (Group A)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) Empathy		MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Medical Biology (Prof. Serpil Ünyayar) <i>DNA isolation (Lab) (Group A)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Empathy (Lab) (Group A)</i>	Medical Biology (Prof. Serpil Ünyayar) Telomeres and telomerase activity	MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Carbohydrate structures	Medical Biology (Prof. Serpil Ünyayar) <i>DNA isolation (Lab) (Group B)</i>	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI Regulations and Applications in Different Countries	Medical Biology (Prof. Serpil Ünyayar) Cell Death (necrosis and apoptosis)	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Carbohydrate structures
12:00–12:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Carbohydrate structures	Medical Biology (Prof. Serpil Ünyayar) <i>DNA isolation (Lab) (Group B)</i>	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI Regulations in Türkiye	Medical Biology (Prof. Serpil Ünyayar) Genes and enzymes	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Carbohydrate structures
13:00–14:00					
14:00–14:50	Medical Biology (Prof. Serpil Ünyayar) Structure of Nucleus	Medical Physics (Asst. Prof. Hilmi Yanar) Subject and scope of Physics, The role of Physics in Biological phenomenon/events and Medicine	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Empathy (Lab) (Group B)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Measurement and unit systems	
15:00–15:50	Medical Biology (Prof. Serpil Ünyayar) Structure of Nucleus	Medical Physics (Asst. Prof. Hilmi Yanar) Subject and scope of Physics, The role of Physics in Biological phenomenon/events and Medicine		Medical Physics (Asst. Prof. Hilmi Yanar) Measurement and unit systems	
16:00–16:50					

	02.01.2023 Monday	03.01.2023 Tuesday	04.01.2023 Wednesday	05.01.2023 Thursday	06.01.2023 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)		Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Body Language, Nonverbal Communication (Lab) (Group B)</i>		MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) Body Language, Nonverbal Communication	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Body Language, Nonverbal Communication (Lab) (Group B)</i>		MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of amino acids	Medical Biology (Prof. Serpil Ünyayar) Cell life cycle	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI History	Medical Biology (Prof. Serpil Ünyayar) Mitosis and Meiosis	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of proteins
12:00–12:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of amino acids	Medical Biology (Prof. Serpil Ünyayar) Cell life cycle	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI History	Medical Biology (Prof. Serpil Ünyayar) Mitosis and Meiosis	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of proteins
13:00–14:00					
14:00–14:50	Medical Biology (Prof. Serpil Ünyayar) Aerobic respiration and Anaerobic respiration	Medical Physics (Asst. Prof. Hilmi Yanar) Vectors	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Body Language, Nonverbal Communication (Lab) (Group A)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Concepts of Kinematics	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of proteins
15:00–15:50	Medical Biology (Prof. Serpil Ünyayar) Aerobic respiration and Anaerobic respiration	Medical Physics (Asst. Prof. Hilmi Yanar) Vectors	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Body Language, Nonverbal Communication (Lab) (Group A)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Kinematics of One Dimensional Motion	
16:00–16:50					

	09.01.2023 Monday	10.01.2023 Tuesday	11.01.2023 Wednesday	12.01.2023 Thursday	13.01.2023 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of lipids and lipoproteins	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Questioning-skills (Lab) (Group A)</i>	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Biological membranes	MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Questioning-skills</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Questioning-skills (Lab) (Group A)</i>		MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biology (Prof. Serpil Ünyayar) Gametogenesis	Medical Biology (Prof. Serpil Ünyayar) Molecular basis of inheritance	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI History	Medical Biology (Prof. Serpil Ünyayar) Structure of DNA	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Normal distribution and standard normal distribution, Reference Range
12:00–12:50	Medical Biology (Prof. Serpil Ünyayar) Gametogenesis	Medical Biology (Prof. Serpil Ünyayar) Molecular basis of inheritance	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) TCI History	Medical Biology (Prof. Serpil Ünyayar) Structure of DNA	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Normal distribution and standard normal distribution, Reference Range
13:00–14:00					
14:00–14:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of lipids and lipoproteins	Medical Physics (Asst. Prof. Hilmi Yanar) Kinematics of Two Dimensional Motion	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Questioning-skills (Lab) (Group B)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Dynamics: Newton's Laws of Motion	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>Normal distribution and standard normal distribution, Reference Range (Lab)</i>
15:00–15:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of lipids and lipoproteins	Medical Physics (Asst. Prof. Hilmi Yanar) Dynamics: Newton's Laws of Motion	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Questioning-skills (Lab) (Group B)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Dynamics of Rotational Motion and Static Equilibrium	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>Normal distribution and standard normal distribution, Reference Range (Lab)</i>
16:00–16:50					Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Hypothesis tests, Sampling distribution, confidence interval and t distribution (Z test and t test)

	16.01.2023 Monday	17.01.2023 Tuesday	18.01.2023 Wednesday	19.01.2023 Thursday	20.01.2023 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) Nonverbal-verbal communication	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) Nonverbal-verbal communication	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Biomolecule recognition reactions (Video demonstration)	MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Nonverbal-verbal communication (Lab)(Group B)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Nonverbal-verbal communication (Lab)(Group A)</i>	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Biomolecule recognition reactions (Video demonstration)	MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of nucleic acids	Medical Biology (Prof. Serpil Ünyayar) Protein synthesis and control	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Tai Chi and Qi Gong in TCI	Medical Biology (Prof. Serpil Ünyayar) Mutagens	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Hypothesis tests, Sampling distribution, confidence interval and t distribution (Z test and t test)
12:00–12:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) Structures of nucleic acids	Medical Biology (Prof. Serpil Ünyayar) Protein synthesis and control	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Tai Chi and Qi Gong in TCI	Medical Biology (Prof. Serpil Ünyayar) Determination of carcinogenic and mutagenic substances	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>Hypothesis tests, Sampling distribution, confidence interval and t distribution (Z test and t test) (Lab)</i>
13:00–14:00					
14:00–14:50	Medical Biology (Prof. Serpil Ünyayar) Forms of DNA	Medical Physics (Asst. Prof. Hilmi Yanar) Static Equilibrium: Tension force on the Achilles tendon	Medical Biology (Prof. Serpil Ünyayar) Mutations and mutation types	Medical Physics (Asst. Prof. Hilmi Yanar) Static Equilibrium: Tension force on biceps muscle.	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Hypothesis testing of the mean of independent and two dependent groups
15:00–15:50	Medical Biology (Prof. Serpil Ünyayar) Replication of DNA	Medical Physics (Asst. Prof. Hilmi Yanar) Static Equilibrium: Tension force on erector Spinalis muscle	Medical Biology (Prof. Serpil Ünyayar) Mutations and mutation types	Medical Physics (Asst. Prof. Hilmi Yanar) Elasticity: Stress and Strain	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Hypothesis testing of the mean of independent and two dependent groups
16:00–16:50	Medical Biology (Prof. Serpil Ünyayar) Transcription of DNA				Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>Hypothesis testing of the mean of independent and two dependent groups (Lab)</i>

	23.01.2023 Monday	24.01.2023 Tuesday	25.01.2023 Wednesday	26.01.2023 Thursday	27.01.2023 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Active Listening and Empathetic Listening (Lab) (Group A)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Active Listening and Empathetic Listening (Lab) (Group B)</i>		MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Active Listening and Empathetic Listening (Lab) (Group A)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Active Listening and Empathetic Listening (Lab) (Group B)</i>	Medical Biology (Prof. Serpil Ünyayar) Gene cloning	MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biology (Prof. Serpil Ünyayar) Mechanisms of DNA Repair	Medical Biology (Prof. Serpil Ünyayar) Genetic control mechanisms	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Deep Breathing in TCI	Medical Biology (Prof. Serpil Ünyayar) Gene cloning	Medical Biology (Prof. Serpil Ünyayar) Gene transfer methods
12:00–12:50	Medical Biology (Prof. Serpil Ünyayar) Mechanisms of DNA Repair	Medical Biology (Prof. Serpil Ünyayar) Genetic control mechanisms	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Maggot Therapy in TCI	Medical Biology (Prof. Serpil Ünyayar) Applications of molecular methods	Medical Biology (Prof. Serpil Ünyayar) Labeling and identification of nucleic acids
13:00–14:00					
14:00–14:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab) (Group A)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Temperature and heat concepts	Medical Biology (Prof. Serpil Ünyayar) Protein misfolding diseases	Medical Physics (Asst. Prof. Hilmi Yanar) Heat exchange in biological systems	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Controlling type 1 error in research: prerequisite, power of the test, Nonparametric equivalents of hypothesis tests belonging to the means of independent and two dependent groups, Wilcoxon, Mann Whitney U test
15:00–15:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab) (Group A)</i>		Medical Biology (Prof. Serpil Ünyayar) Chromosomes and Chromatin		Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Controlling type 1 error in research: prerequisite, power of the test, Nonparametric equivalents of hypothesis tests belonging to the means of independent and two dependent groups, Wilcoxon, Mann Whitney U test
16:00–16:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab) (Group A)</i>				Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>Controlling type 1 error in research: prerequisite, power of the test, Nonparametric equivalents of hypothesis tests belonging to the means of independent and two dependent groups, Wilcoxon, Mann Whitney U test (Lab)</i>

	30.01.2023 Monday	31.01.2023 Tuesday	01.02.2023 Wednesday	02.02.2023 Thursday	03.02.2023 Friday
09:00–09:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) Hand hygiene	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Hand hygiene (Lab)(Group A)</i>	Medical Biology (Prof. Serpil Ünyayar) <i>Mitosis (Lab) (Group A)</i>	MED113 Turkish for Medical Students I (Gamze Koç)
10:00–10:50	MED113 Turkish for Medical Students I (Gamze Koç)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Hand hygiene (Lab)(Group B)</i>	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Hand hygiene (Lab) (Group A)</i>	Medical Biology (Prof. Serpil Ünyayar) <i>Mitosis (Lab) (Group A)</i>	MED113 Turkish for Medical Students I (Gamze Koç)
11:00–11:50	Medical Biology (Prof. Serpil Ünyayar) PCR (Polymerase chain reaction)	Introduction to Clinical Practice (Prof. Elçin Yoldaşcan) <i>Hand hygiene (Lab) (Group B)</i>	Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Acupuncture in TCI	Medical Biology (Prof. Serpil Ünyayar) <i>Mitosis (Lab) (Group B)</i>	Medical Biology (Prof. Serpil Ünyayar) Gene Sequence analysis
12:00–12:50	Medical Biology (Prof. Serpil Ünyayar) PCR (Polymerase chain reaction)		Traditional, Complementary and Integrative Medicine (Asst. Prof. Saltuk Aytaçoğlu) Acupuncture in TCI	Medical Biology (Prof. Serpil Ünyayar) <i>Mitosis (Lab) (Group B)</i>	
13:00–14:00					
14:00–14:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab)(Group B)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Energy conversions in biological systems		Medical Physics (Asst. Prof. Hilmi Yanar) Gibbs free energy	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Controlling type 1 error in research: One-way analysis of variance and multiple comparisons
15:00–15:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab) (Group B)</i>	Medical Physics (Asst. Prof. Hilmi Yanar) Basic concepts and laws of Thermodynamics		Medical Physics (Asst. Prof. Hilmi Yanar) Energy transport in biomolecular systems	Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) Controlling type 1 error in research: One-way analysis of variance and multiple comparisons
16:00–16:50	Medical Biochemistry (Asst. Prof. Emrah Çolak/ Dr. Mete Özkoç) <i>Carbohydrate identification Experiments (Lab) (Group B)</i>				Biostatistics and Medical Informatics (Assoc. Prof. Ayşe Ülgen) <i>One-way analysis of variance and multiple comparisons (Lab)</i>

	06.02.2023 Monday	07.02.2023 Tuesday	08.02.2023 Wednesday	09.02.2023 Thursday	10.02.2023 Friday
09:00–09:50	Free Studying Time	Free Studying Time	II. COMMITTEE PRACTICAL EXAMS	Free Studying Time	
10:00–10:50					
11:00–11:50					
12:00–12:50					II. COMMITTEE THEORETICAL EXAM
13:00–14:00					
14:00–14:50					
15:00–15:50					
16:00–16:50					