



**MUĞLA SITKI KOÇMAN UNIVERSITY FACULTY of MEDICINE
PHASE 1
ENGLISH MEDICINE PROGRAM**

2022/2023 Academic Year

Committee 2 GUIDEBOOK

Prepared By:

PHASE 1 COORDINATOR AND VICE-COORDINATORS

PREFACE

Dear Students,

This guide describes what you will learn and perform during your committee program, the rules you must follow in the committee, and the working conditions. We wish you all success with the belief that this guide will guide you through the committee.

Phase 1 Coordinatorship

GENERAL INFORMATION on COURSE

TEACHING STAFF

TEACHING METHODS-TECHNIQUES

Theoretical	
Class course	+
Problem -based learning	+
Practical	
Laboratory Studies	+
Practical Trainings	-
Occupational Skill Trainings	+

Field work	-
Structured free study	+

PHYSICAL SPACES

RELATED LEGISLATION

<http://www.tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

COMMITTEE CLASS HOURS DISTRIBUTION

LECTURES	Theoretical L.H.	Practical L.H.	Total L.H.
Medical Biochemistry	38	4	42
Medical Biology	26	4	30
Biostatistics	8		8
Behavioral Sciences	9		9
Biophysics	9		9

Introduction to Public Health	12		12
First Aid	12		12
Professional Skills		8	8
Problem Based Learning 1 (PBL)	12		12
Committee Total	126	16	142
Introduction to Information & Communication Technologies*	32		32
Elective Course*	16		16
Turkish *	16		16
Principles of Atatürk and Revolutionary History Exam*	16		16
English I, II*	24		24
Total L. H.	232	16	248

PHASE-1 / COMMITTEE-2 AIM(S)

1.	In this committee, it is aimed that the students understand the metabolic structures of carbohydrates, proteins, lipids, vitamins, their cofactors, the concept of pH and buffer systems, membrane, and transport systems.
2.	In this committee, it is aimed that students comprehend the molecular mechanisms of transcription, the structure, and functions of the RNA molecule.
3.	In this committee, it is aimed that students comprehend the psychosexual and psychosocial developmental stages.
4.	In this committee, it is aimed that the students comprehend the biostatistics topics and application areas.
5.	In this committee, it is aimed that students comprehend the properties of bonds and intermolecular interactions in macromolecules.
6.	In this committee, it is aimed that students grasp basic professional skills such as hand washing, mask wearing and removing, wearing sterile gloves, and removing used gloves.
7.	In this committee, it is aimed that the students comprehend the history of the concept of public health, its fields and the definition of social physician, the concept of primary health care and the necessity of primary health care.
8.	In this committee, it is aimed that students comprehend the relationship between environment and health, its scope, causes of environmental pollution and the problems it creates.
9.	In this committee, it is aimed that students comprehend the definition of adolescent health, its periods and risky behavior types in adolescents.
10.	In this committee, it is aimed that students be able to explain family planning methods.

PHASE-1 / COMMITTEE-2 OBJECTIVE(S)

1.	To be able to explain the heat transfer mechanisms in the body
2.	To be able to describe the biological mechanisms of action of X-rays
3.	To be able to explain radioactivity and radiation
4.	To be able to recognize behavioral problems other than attitudes and behaviors required by social roles
5.	To be able to explain and apply effective methods in patient-physician communication
6.	To be able to explain the effects of positive and negative reinforcement and punishment in learning theories.
7.	To be able to interpret human behavior according to behavioral theories
8.	To be able to recognize the structures of carbohydrates, to be able to explain their properties, functions, classification, production, and destruction.
9.	To be able to explain the components of the Krebs cycle
10.	To be able to explain carbohydrate metabolism disorders
11.	To be able to explain the recognition of the structure, properties, functions, and classification of amino acids
12.	To be able to explain the determination methods of amino acids and carbohydrates
13.	To be able to explain the structure and functions of DNA, RNA, and proteins
14.	To be able to explain molecular mechanisms in single gene diseases, multifactorial diseases, and cancer
15.	To be able to explain the concept of inheritance
16.	To be able to explain macromolecules and the structural function of the cell

17.	To be able to take the history of the patient who applied to the emergency department, to be able to make the differential diagnosis algorithm in line with the symptoms and findings
18.	To be able to explain the approach to patients admitted to the emergency department
19.	To be able to explain treatment algorithms in diseases requiring urgent treatment
20.	To be able to explain the diagnosis and treatment principles in trauma, metabolic, toxicological, diabetic, cardiological, respiratory, neurological, and infective emergencies
21.	To be able to explain the concept of public health and the definition of social physician and to be able to list the branches of public health
22.	To be able to discuss the concept and necessity of primary health care
23.	To be able to explain the birth and development stages of public health science
24.	To be able to explain the relationship between environment and health and the problems caused by environmental pollution
25.	To be able to define the behavioral approach according to risky behavior types in adolescent health
26.	To be able to describe family planning methods and in which situations and how they are used
27.	To be able to explain and apply the steps of washing hands, putting on and taking off masks, wearing sterile gloves and removing used gloves, putting on cervical arms and carrying the injured with a trauma board, removing foreign body in the airway with appropriate maneuvering
28.	To be able to design research, plan clinical trials, explain concepts such as criteria, normal distribution, standardization of data, sampling distribution, confidence intervals, and to be able to enter data and perform simple descriptive statistics with the SPSS statistical program
29.	To be able to recognize and acquire the knowledge, skills, and attitudes necessary to solve the problem

PHASE-1 / COMMITTEE-2 INTENDED LEARNING OUTCOME(S)

1.	Can explain the heat transfer mechanisms in the body.
2.	Can describe the biological mechanisms of action of X-rays.

3.	Can explain radioactivity and radiation.
4.	Can recognize behavioral problems other than attitudes and behaviors required by social roles.
5.	Can explain and apply effective methods in patient-physician communication.
6.	Can explain the effects of positive and negative reinforcement and punishment in learning theories.
7.	Can interpret human behavior according to behavioral theories.
8.	Can recognize the structures of carbohydrates, can explain their properties, functions, classification, production, and destruction.
9.	Can explain the components of the Krebs cycle.
10.	Can explain carbohydrate metabolism disorders.
11.	Can explain the recognition of the structure, properties, functions, and classification of amino acids.
12.	Can explain the determination methods of amino acids and carbohydrates.
13.	Can explain the structure and functions of DNA, RNA, and proteins.
14.	Can explain molecular mechanisms in single gene diseases, multifactorial diseases, and cancer.
15.	Can explain the concept of inheritance.
16.	Can explain macromolecules and the structural function of the cell.
17.	Can take the history of the patient who applied to the emergency department, can make the differential diagnosis algorithm in line with the symptoms and findings.
18.	Can explain the approach to patients admitted to the emergency department.
19.	Can explain treatment algorithms in diseases requiring urgent treatment.
20.	Can explain the diagnosis and treatment principles in trauma, metabolic, toxicological, diabetic, cardiological, respiratory, neurological, and infective emergencies.
21.	Can explain the concept of public health and the definition of social physician and can list the branches of public health.
22.	Can discuss the concept and necessity of primary health care.
23.	Can explain the birth and development stages of public health science.
24.	Can explain the relationship between environment and health and the problems caused by environmental pollution.
25.	Can define the behavioral approach according to risky behavior types in adolescent health.
26.	Can describe family planning methods and in which situations and how they are used.
27.	Can explain and apply the steps of washing hands, putting on and taking off masks, wearing

	sterile gloves and removing used gloves, putting on cervical arms and carrying the injured with a trauma board, removing foreign body in the airway with appropriate maneuvering.
28.	Can design research, plan clinical trials, explain concepts such as criteria, normal distribution, standardization of data, sampling distribution, confidence intervals, and can enter data and perform simple descriptive statistics with the SPSS statistical program.
29.	Can recognize and acquire the knowledge, skills and attitudes necessary to solve the problem

RECOMMENDED RESOURCE(S)

KEY RESOURCE(S)

ASSESSMENT and EVALUATION

PHASE 1 COMMITTEE 2 EXAM SCHEDULE

Phase 1 Committee 2 Exam Calendar
Theoretical Exam: 2nd Course Board Theoretical Exam 20 January 2023 Friday Time: 10.30
Application and Practical Exams: 19 January 2023 Thursday at 9: 30-17: 30

PHASE 1 COMMITTEE 2 QUESTION DISTRUBITION

2022-2023 Academic Year Phase 1 Committee 2 Question distribution	
Council Lessons	Total Question Number
Medical biochemistry	29
Medical Biology	21
Medical Statistics	6
Behavioral sciences	6
Biophysics	6
Public Health	8
First Aid	8
Occupational Skills Education	6
TOTAL	90 + 10 (PBL)

ASSESSMENT AND EVALUATION IN COMMITTEE EVALUATION EXAM

COMMITTEE EXAM SPECIFICATION TABLE

<p style="text-align: center;"> Faculty of Medicine English Medicine Program Phase 1 Committee 2 Competence Matrix </p>													
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
Phase 1													
Committee 2													

* Completed according to the following program outcomes. (Score from 0 to 5.)
PO: Program Outcomes of Faculty of Medicine

PO Link: <https://muweb.mu.edu.tr/tr/program-yeterlilikleri-6598?site=tip.mu.edu.tr>

COURSE CONTENT OF THE COMMITTEE



THE RELATIONSHIP WITH THE LEARNING OBJECTIVES AND THE ACTIVITY IN THE TRAINING PROGRAM

DUTIES and RESPONSIBILITIES OF STUDENTS and OTHER ISSUES

EDUCATIONAL PROGRAM

1. Education in the faculty is carried out with an integrated system, the subjects and hours of which are arranged on the basis of coordination.
2. Education; In Phase I, Phase II and Phase III, it consists of common compulsory and elective courses with course committees conducted in an integrated system. In Phase I, Phase II and Phase III, one year is a whole and is considered as a single course, excluding common compulsory and elective courses.

LESSONS

1. Each semester in the faculty's education program is a prerequisite for the next semester. Except for the common compulsory courses and elective courses, it is not possible to proceed to the next semester without completing all the courses, practices and courses of a semester.

2. Students who fail common compulsory and elective courses in Phase I, Phase II and Phase III continue to the next semester. However, students must be successful in these courses before starting Phase IV.

ECTS:

1. The sum of course credits for an academic year is 60 ECTS.
2. In order to graduate from the Faculty of Medicine at the end of 6 years of education, the minimum graduation credit must be 360 ECTS and the overall grade point average must be at least 2.00.

OBLIGATION TO CONTINUE

1. The principles regarding the attendance of students in Phase I, Phase II and Phase III are as follows:
2. Attendance at the faculty is compulsory. The follow-up method of attendance at the faculty is determined by the Dean's Office.
3. Each of the committees in Phase I, Phase II and Phase III are evaluated within itself. A student who does not attend more than 30% of the theoretical courses in these course committees, with or without an excuse, receives a zero grade from that course committee and cannot take the exam.
4. In Phase I, Phase II and Phase III, students who exceed 30% in all theoretical courses in a phase, whether or not they have an excuse for absenteeism, are not entitled to take the final and make-up exams. These students are given a TT grade.
5. With or without an excuse, a student who does not attend more than 20% of the total practical course hours of the department with 10 or more practical lessons is not taken to the practical exam of that department and the practice grade is evaluated as zero. In this case, the student is treated as having a score under the threshold from the practical exam separately.
6. With or without an excuse, a student who does not attend two hours of the practical courses of the department with less than 10 hours of practical lessons in a course committee is not taken to the practical exam of that department and the practice grade is evaluated as zero. In this case, the student is treated as having a score under the threshold from the practical exam separately.
7. Professional (vocational) skills practices are evaluated as a whole. If the total professional skills practices in a course committee are less than 10 hours, the student who does not

participate in the 2 course hours, and if the total professional skills practices in the course committee are more than 10 hours, the student who does not attend more than 20% of the total course hours, the professional skills practice / application grade in that course committee is evaluated as zero. In this case, the student will be below the threshold in addition to the professional skills practice/practice exam.

RECOGNITION OF PRIOR EDUCATION

1. Students apply to the Dean's Office with a petition **within the first week of the academic year** in order to have the courses they have taken and succeeded from other higher education institutions recognized and adapted.
2. In the petition, the courses they want to be exempted from and the grades they get from these courses are clearly stated. In the annex of the petition, documents approved by the official authorities regarding their previous education, the grades of the courses they have previously completed, and their content are submitted.

EVALUATION OF SUCCESS IN PHASE I, PHASE II, PHASE III EXAMS

1. The following principles are followed in calculating the exam grades of the course committees:
2. Board exams are made as written exams and/or by using alternative methods such as homework/project. Exams can be conducted face-to-face and/or using digital facilities. In addition to the written exams, practical-practice and/or oral exams can be made by using face-to-face and/or digital facilities in the committees with practice. Different assessment methods can be determined for problem-based teaching, vocational skills training and other similar training practices.
3. The total grade of practical courses and their distribution according to the courses, the grade weight of the vocational skills practices, problem-based teaching (PBL) and other similar education and examination practices and the distribution according to the boards are determined by the Phase coordinators in line with the content of the education-training program.
4. In a course committee exam, each course and practice/practice exam has its own threshold. The threshold limit is 50%. If the student gets a grade below 50% in one or more of the courses that make up the board in the course committee exam, the score difference between the score obtained in that branch and 50% of the total score of that branch is deducted from the total score of the exam, and the exam grade of that course committee is

determined. For the courses whose number of questions is less than 5% of the total number of questions in that exam, the relevant phase coordinator may decide to combine the exam application. Theoretical and practical points of the courses that make up the course committee are added together, and the course board exam score is found.

5. If the result is negative in the calculation of the total score of the course committee, this score is evaluated as zero.

6. Phase committees average grade: To calculate the phase committees average grade point; The ECTS value of each committee in that period is multiplied by the coefficient of the letter grade received from that committee. The values found as a result of the multiplication are added together and the total value obtained is divided by the total ECTS value of these committees. The resulting average is displayed as two decimal places.

7. Course committees are made by using alternative methods such as end-of-Phase (final) and make-up exams, written exams and/or homework/projects. Exams can be conducted face-to-face and/or using digital facilities. In addition to the written exams, a practical (practice) and/or oral exam can also be conducted using face-to-face and/or digital facilities.

8. In order to be considered successful, it is obligatory to get at least 50 points from the course committees end-of- Phase exam or the course committees make-up exam.

9. The final grade of the course committees is the grade obtained by adding 60% of the average grade of the course committees and 40% of the grade received from the final exam. In the calculation of the final grade of the students who fails, the grade taken from the make-up exam is taken as a basis instead of the grade from the final exam. In order for the student to move up to the next grade, he/she must get at least 50 from the course committees end-of-Phase exam or make-up exam, and The final grade of the course committees must be at least 60 out of 100.

10. The provisions of Muğla Sıtkı Koçman University Associate and Undergraduate Education Regulations published in the Official Gazette dated 27/8/2011 and numbered 28038 are applied in the conduct of common compulsory courses and non-TIP/MED coded elective/compulsory courses and in the evaluation of their exams.

RIGHT TO EXEMPTION FROM THE END OF PHASE (FINAL) EXAM

1. Students with an average grade of 85 and above in the course committees and a score of at least 60 and above from each course committee are not required to take the end-of- Phase exam. The average grade of the course committees of the students who have the right to be

exempted from the end-of- Phase exam is accepted as the end-of- Phase success grade of the course committees.

2. Students who want to take the the end-of- Phase exam, although they have obtained the right to be exempted from the end-of- Phase exam, must notify the Dean's Office in writing at least 7 days before the exam date. For students who take the end-of- Phase exam in order to raise their grades, the end-of- Phase exam score is taken into consideration when calculating the final grade of the course committees.

PHASE REPEAT

1. A student whose end-of- Phase exam grade or make-up exam grade and course committees end-of-semester success grade is below the scores specified in this regulation is considered unsuccessful and failed in the class. These students repeat that semester one more time and retake the exams. In these repetitions, students are obligated to attend classes.

RESPONSIBILITIES

1. They strive to make the classroom atmosphere nurturing to learning.
2. They are fair in their judgments about their friends and respectful of the existence of all people in the resolution of conflicts.
3. They respect cultural differences.
4. They are intolerant of all kinds of discrimination.
5. They maintain academic integrity and act accordingly.
6. They take an impartial attitude towards research, explain the results accurately, and state the studies and ideas that have been made or developed by others.
7. They act in a respectful and cooperative manner in interaction with all members of the healthcare team.
8. Take care of their appearance, be present in a professional and clean manner, and do not wear clothing and jewelry (jewelry, tattoos, or other symbols) that may interfere with the physical care of patients or communication with them.
9. They behave professionally in 9th grade classes, in clinical settings, in the way of speaking before the patient, reliability and appearance.
10. In their clinical practice, they always carry the university's identity or name badges on their aprons.
11. They introduce themselves to patients and their relatives as "**medical students**".

12. They participate in all clinical practices they are assigned to and inform the relevant people about their excuses in advance.
13. Respect the privacy of patients when interacting with them.
14. They consider confidentiality a fundamental obligation in patient care.
15. In their interaction with patients, instructors cannot act without their supervision or knowledge.
16. They keep all medical records related to patient care confidential and ensure that educational discussions about these records are held in accordance with the principles of confidentiality.
17. They report any illegal and unprofessional practices they observe to the authorities.
18. They make discussions about hospital staff and patients in a way that no one can hear except in common areas.
19. They treat patients and their relatives, as well as other members of the healthcare team, with respect and seriousness in their dialogue and discussion.
20. They know their limitations and seek help when their experience is insufficient.
21. During training and practice studies and exams, they do not make any unauthorized video, audio and similar recordings and do not share these recordings with third parties (including in social media, internet and similar environments), do not use or collect them for other purposes.
22. They act in accordance with the principles regarding attendance and other matters of Phase I, II and III students in the MSKU Faculty of Medicine Education-Training and Examination Regulations.
23. Students know the rules to be followed by students in MSKU Faculty of Medicine Pre-Graduation Education, students' responsibilities and duties and act accordingly.
24. Students know the issues in the Student Guides for MSKU Faculty of Medicine Student Laboratory Practices and act in accordance with these issues.

Please read:

1. The Rules to be Followed by Students in MSKU Faculty of Medicine Pre-Graduation Education, Students' Responsibilities and Duties
2. Student Guides for MSKU Faculty of Medicine Student Laboratory Practices

ENGLISH MEDICINE PROGRAM

Common Compulsory Courses English Medicine Program: Foreign Language (English-German-French 1-2-3-4), Principles of Atatürk and Revolutionary History 1-2 (International Student: ATBY2801, ATBY2802), Turkish Language 1-2 (International Student: TDBY1801, TDBY1802), Introduction to Information & Communication Technologies (Names and codes of the lessons may differ slightly from year to year)

MSKU Faculty of Medicine Education and Examination Regulations: Students who fail common compulsory and elective courses in Phase I, Phase II and Phase III continue to the next semester. However, students must be successful in these courses before starting Phase IV.

Compulsory Observation Training 1-2: Students who successfully complete the Phase 1 do their compulsory observation training in a primary healthcare institution for ten working days during the summer or half year vacation period; Students who successfully complete Phase 2 do their compulsory observation training in a secondary or tertiary healthcare institution for ten working days during the summer or half year vacation period. Completing the observation trainings is a prerequisite for starting Phase 4. It is a prerequisite to pass the Occupational Health and Safety course in order to do the Compulsory Observation Training. Compulsory Observation Training Course is planned to come into effect in the 2023-2024 academic year.

International students enrolled in the English Medicine Program: Until Phase 4, the original document proving that they can speak Turkish at the B2 level, taken from the centers providing Turkish education (Turkish and Foreign Language Application and Research Center-TÖMER, etc.) accepted by YÖK, has to be submitted to the Dean's Office. Students who cannot meet the Turkish proficiency requirement cannot continue to Phase 4 until they have the prerequisite Turkish proficiency certificate.

Courses Required Before Passing to Phase 4 of the English Medicine Program: Foreign Language (English-German-French) 1-2-3-4, Principles of Atatürk and Revolutionary History 1-2 (Foreign Student: ATBY2801, ATBY2802), Turkish Language 1-2 (Foreign Student: TDBY1801, TDBY1802), Introduction to Information & Communication Technologies, Phase 1 Elective Course, Compulsory Observation Training 1-2, Turkish Proficiency Certificate specified in the regulation for international students (Names and codes of the lessons may differ slightly from year to year) (Register from the Student Information System and check your success at regular intervals.)

Registration for Common Compulsory Courses and Elective Courses: Students have to register for these courses themselves through the student information system and follow up

all the courses that you have to achieve regularly through the student information system by entering the student information system at least once a week.

Disclaimer:

The information given in the guide above is for informing students only and does not have any legal status. Keep in mind that there may be changes over time due to the names of the courses, their codes, legal regulations, the decisions of board of coordinators, the decisions of the term coordinator and similar reasons.